

## **018530 - SWITCH**

### **Sustainable Water Management in the City of the Future**

Integrated Project  
Global Change and Ecosystems

#### **D6.2.8 Regular reports by learning alliances (Combined with D6.2.9 and D6.2.11)**

Period covered: from M1 to M60

Date of preparation: M60

Start date of project: 1 February 2006

Duration: 60 months

Project coordinator name: Carol Howe

Project coordinator organisation name: UNESCO-IHE  
internal project use]

Revision [Final: for

## SWITCH Deliverable Briefing Note Template

<b>SWITCH Document D6.2.8 Regular reports by learning alliances (also D6.2.9 and D6.2.11)</b> Regular reports on research and demonstration activities and related learning and uptake within the LAs in each city were planned against the plans (city storylines) and agreed monitoring framework. These quarterly report provided interim information for management purposes. As noted in revisions to the DoW, original deliverables D6.2.9 and D6.2.11 were absorbed into these same reports.
<b>Deliverable reference:</b> D6.2.8 (also includes D6.2.9 and D6.2.11)
<b>Author(s) and Institution(s)</b> Consolidated by Carmen Da Silva IRC
<b>Publication date:</b> Jan 2011
<b>Audience</b> All for internal project use.
<b>Purpose</b> To provide regular reporting of city level activities to improve integration and coordination.
<b>Background</b>
<b>Potential Impact</b> n/a
<b>Recommendations</b> n/a

## Learning alliance reporting to May 2007

### General comments

- All cities have submitted a first report detailing their learning alliance activities
- Some reports are more detailed than others, partly reflected a difference level in progress in establishing of the city learning alliance.
- All nine reports are included in this combined report, so that we can learn from experiences to date in other cities

### Some issues requiring attention

- It is vital, in a project where we give so much importance to broad stakeholder participation in the research partnerships, that stakeholder analysis reports are written to a high standard and completed early. They form a vital baseline for the city learning alliance. Learning alliance briefing note #2 gives detailed guidance on how to prepare this report (see [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances))
- All cities need to give more attention to the overall learning alliance workpackage plan in their city activities. It is under this plan that learning alliance budgets are made available, and all the deliverables in the plan need to be addressed. The plan is included at the beginning of this report.
- Some specific comments and suggestions from <John> are made in blue. These mainly refer to missing information that should be provided in the next report.
- City level communication remains weak and we need to redouble efforts to support city websites and other mechanisms.

A slightly more detailed template will be circulated for the next report. We propose that this be submitted for the period May to September so that results can be compiled before the annual scientific meeting.

## Overall plan for learning alliances from description of works

Work package number	6.2	Learning alliances (LAs)	
Starting date: 1		Ending date: 60	
<b>Objectives</b> 6.2.1 To optimize the integration of research and demonstration activities at the city level; 6.2.2 To effect - establish procedures and facilitate - the institutional changes necessary for scaling-up the strategic findings of participating organisations and networks within these cities (e.g. lessons for policy and practice at neighbourhood, city, catchment, and national levels); 6.2.3 To identify and document the mechanisms and processes associated with institutional learning and change across cities through the ‘learning alliance approach’, and consolidate and share the lessons learnt for global impact.			
<b>Description of work</b> LA approaches are founded on a number of principles: shared understanding of the underlying problem; a set of common objectives based on the interests, capacities and needs of participating organizations; shared responsibilities and costs; outputs as inputs - R&D outputs feed into the wider innovation process; differentiated learning mechanisms to accommodate diverse membership; long-term relationships. As such LAs enable the facilitation of necessarily complex processes, and will provide or develop the appropriate mechanisms by which we can work towards integrated urban water management at the city level in the nine demonstration cities.  Specifically they will ensure that: <ul style="list-style-type: none"><li>• A wide range of city organizations and networks develop ownership of the SWITCH project</li><li>• all research activities, which will be problem focused, generate integrated or compatible solutions</li><li>• all research activities consider the needs of city organisations (and their constituents), who are the ultimate targets for uptake of research findings from the outset,</li><li>• city organizations are involved as much as possible in the actual research activities and promote learning related to SWITCH research</li><li>• area research is linked as far as possible to ongoing activities with the demonstration cities</li><li>• research activities on various sub-themes are linked to the demonstration activities</li><li>• demonstration activities are implemented with a focus on scalingup and ‘full-scale’ implementation</li><li>• all research themes and sub-themes consider the linkages, opportunities and tradeoffs with other sub-theme activities</li></ul>			
<b><i>1 Scoping and training of city level coordinators and learning alliance teams</i></b> Task 1a Training for consortium members As part of the inception phase, a 3-day training workshop will be held for all consortium members on LAs. This will include starting to facilitate and develop locally appropriate plans for implementation of the LA approach within the action plans for research and demonstration activities. This will also lead to the development of a project or global learning alliance based around the consortium which will be facilitated through project management and closely linked to WP1.1 and WP1.2. (complete)  Task 1b Scoping at city level Within each demonstration city an initial scoping exercise will be undertaken by the lead city partner with support from partners with strong process facilitation skills. The scoping will identify the most important institutions and themes relating to IUWM to guide the subsequent phases, and crucially the boundaries of the project and themes in each city. They will also identify those ‘leading lights’ who are actively championing pro-poor, rights-based, equitable or sustainable approaches to service provision. (complete)			

#### Task 1c Budgeting for LA processes

Since explicit funds for city level processes were not originally allocated, an action plan for implementation of the LAs in the cities will be developed during the inception phase, with funding (in cash or kind) of the processes identified from within thematic research budgets or from co-funding sources. This work package will involve all consortium partners. (complete)

#### Task 1d Recruitment of key LA team members

Within each city a city coordinator and a LA facilitator will be sought - recruited or seconded - to lead all local aspects of the learning alliance project. The City coordinator will be a SWITCH consortium member and will work part-time on strategic and management issues. The LA facilitator, working full-time on frontline tasks, will have strong organizational, facilitation and coordination skills, a good understanding of the city and institutional context and an ability to work across all the sectors of water management. In addition to this role, and the multiple roles, skills and experiences that local LA members will possess, the alliance will need to secure or train members capable of process documentation. Where possible these skills will be seconded from city agencies (e.g. municipality, NGO etc) and the SWITCH project will pay an appropriate part of the costs (underway)

#### Task 1e Training for LA team

Training courses will be held for the nine city LA teams to develop core skills in facilitation, process management, stakeholder analysis, action research, social inclusion, communication, participatory monitoring and evaluation, and process monitoring and documentation (planning in progress)

### ***2 To set-up LAs in all SWITCH demonstration cities***

#### Task 2a Mapping stakeholders

Building upon the scoping exercise in each city, an extensive stakeholder analysis exercise in each city will identify the key actors at different levels (e.g. national, catchment, city, neighbourhood) leading to an initial list of likely stakeholders who may be interested and invited to join a city LA. The analysis will be refined and validated through participatory analysis in initial meetings and workshops with single or multi-stakeholder groups. Although likely to be focused on the city level, vertical linkages will need to be carefully considered (e.g. to the national, catchment or local level).

#### Task 2b Formalisation of the vision and organisation of city LAs

Awareness of the SWITCH project and objectives will be developed through meetings, workshops and other activities leading to initial LA workshops. At early stage this group will agree on their objectives, probably based upon visioning and scenario building exercises. Members of the city LAs will also develop rules and procedures for the functioning of the group with clear agreements on the commitments to be made by the SWITCH project and the participants. Procedures for monitoring the activities and impact within the city will also be developed based upon participatory monitoring and evaluation techniques.

### ***3 To identify research needs and possible demonstration projects based upon participatory problem and needs assessment within demonstration cities***

Within the confines of what it is possible for the wider SWITCH research team to deliver and to the objectives/deliverables as defined in the proposal and working towards the 'paradigm' shift, city LAs will identify (some WPs have room for 'identification', others only for 'fine-tuning/adjustment') the priorities for research and demonstration activities within each city based upon an assessment of local problems, opportunities and needs. Possible pilot areas/ neighbourhoods will be identified (some demo-sites and demo-activities in a number of cities have already been identified) and at these scales 'neighbourhood' LAs may also be developed (with their own cycles of scoping, stakeholder analysis, LA development, priority setting, implementation and reflection).

#### ***4 To guide, monitor and learn lessons from the implementation of research and demonstration activities***

##### **Task 4a Coordinating action research**

City LAs will support the implementation of research and demo activities providing the mechanisms to link research and demo to ongoing activities within each city, and also to link research and demo within different themes and sub-themes of the SWITCH project. Emphasis will be places on promoting and supporting action research cycles of assessing, visioning/ planning, implementing and reflecting. Regular workshops and field visits will be promoted.

##### **Task 4b Monitoring and process documentation at city level**

Monitoring procedures will be developed to include process and impact indicators (linked to WP 1.1 and 1.2) for all research and demo activities and where appropriate LA members will be involved in participatory and peer evaluation of research activities and impact within city level institutions. Process documentation will include reports of workshops, process diaries and use of film and is distinct (but will be linked) to global dissemination (WP0.2). Process documentation provides the record of the innovation process (successes and failures) in the cities from which we can draw vital lessons on ways to scale up.

##### **Task 4c City level communication**

Learning alliance activities will be at the core of city and country level dissemination of results through a website, locally focused publications (often in local languages) and events including workshops, conferences, meetings etc.

#### ***5 Promoting sharing and learning on LA approaches***

A complementary LA ‘state of the art’ study group will be tasked with interacting with other LAs and the growing body of LA literature, to ensure both that in-house learning is progressively shared amongst peers, and to provide an entry point for responsive learning by SWITCH constituents to external inputs. Activities will include production of a series of briefing notes and working papers to provide guidance and document experiences leading to a final set of SWITCH guidelines for learning alliances. These resources will provide the main mechanism for support to the city level processes, although more intensive support will be provided in the case of Accra and Alexandria (and potentially other cities subject to resources).

#### **Deliverables**

- D1 Report of consortium LA training workshop
- D2 Scoping reports for each demonstration city
- D3 Modified action plans for implementation of LAs within each city linked to all theme and sub-themes
- D4 Reports on recruitment and training of LA teams
- D5 Stakeholder analyses focused on the challenges in working towards a paradigm shift and institutional change within each demonstration city
- D6 Reports on the formalisation of vision and organisation of the LAs in all demo cities
- D7 Reports summarising research needs and opportunities for effective research and demonstration activities
- D8 Regular reports on research and demonstration activities and related learning and uptake within the LAs in each city against the agreed monitoring framework (e.g. every 6 months).
- D10 Consolidation, mid-term and final reports on evaluation of lesson learning within the learning alliances and impact on policies and practice, drawing upon extensive process documentation (accessible through the project internet platforms), and journal papers on analysis of LA learning processes across all cities
- D12 Guidelines for learning and innovation in the context of IUWM including a series of working papers and briefing notes (draft materials to be added continually and by month 60 final)

#### **Milestones and expected result**

- R1 All consortium members trained in LA approaches
- R2 Key institutions and themes relating to IUWM identified in each city

R3 Action plans and budgets agreed for implementation of LAs within each city  
R4 Learning alliance teams in place within each demonstration city, and trained in core skills  
R5 Key challenges in institutional change and policy reform identified in each city  
R6 LAs on IUWM established in each city with widely shared vision  
R7 Research needs and opportunities for demonstrations identified in each city  
R8 Progress monitored every 6 months against agreed monitoring framework  
R10 Consolidation, mid-term and final reports of learning and impacts towards the paradigm shift within demonstration cities identify progress and weaknesses in uptake of research findings and institutional changes towards more IUWM, and identify possible remedial measures. By month 60 integrated research and demonstration activities with strong ownership of city stakeholders, leading to uptake of research findings within the policies and practice of key organizations in all SWITCH demonstration cities. Lessons documented and learned on how to support innovation processes towards IUWM  
R12 Guidelines and documentation in use to replicate LA type processes for IUWM in other cities

# SWITCH Learning Alliances progress report: Accra

Name of city: ACCRA

Form completed by: Bertha Darteh

Date: 29/05/2007

Covering period from: 01/01/2007

to: 28/05/2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

*In this first report we would like you to specifically comment on the building of your learning alliance facilitation team. Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that you are charging SWITCH for their time (we need this to check against the budget you have been allocated. You may mention any gaps you have in your time or changes anticipated.*

An LA steering committee has been constituted for Accra (with membership from implementing partners in Ghana, IWMI, KNUST and a local NGO, TREND).

City Coordinator is Prof. Mrs. Esi Awuah. (Input 3 mandays a month). Learning Alliance Facilitator is Ms Bertha Akosua T. Darteh (Input 10 mandays in a month with an allowance of € 1000). The main tasks for the Co-ordinator and the Facilitator are given in A1 (page 4). The facilitator has received training in the development and facilitation of the LA process.

### b) Mapping stakeholders

*A key initial task is to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March in Lodz. It was agreed that stakeholder analyses would be completed within two months after those courses. Please summarise progress with your stakeholder analysis and when you intend to submit your report.*

The main key stakeholders and the roles they play have been identified (Q1). The stakeholders have also given their views on the constraints that they face (Q2 & Q3). The main constraints for people are funding and time allocation from their institutions. Based on these it is realized that the LA team has to do well to institutionalize the LA as quickly as possible. For the challenges in IUWM the main challenge is with implementation and enforcement and the lack of coordination among implementing agencies. The prime movers are the Ministry of Local Government and Accra Metro Assembly for waste management, the Ministry of Water Resources and the water company (GWCL/AVRL) for water supply and the Ministry of Agriculture-AMA for urban agriculture (Q4). From initial discussions some “conflicts” have been noted (Q5). A series of follow up meetings will be held with stakeholders in June to finalize the stakeholder analyses (from June 18-22, 2007) and it is expected that the report will be ready by July 15, 2007.



## **2. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important.*

(See page 3)The LA team has been formed in Accra. The LA platform has been constituted with the key stakeholders identified during the initial scoping exercise. A meeting was held in Accra to formally launch the LA. The meeting was attended by major stakeholders including the mayor of Accra and the Minister of Water Resources. Institutional analyses have shown key challenges being faced by institutions can be attributed to financial constraints. This means that initially, the LA has to pay for their attendance at meetings (transportation) until it can be institutionalized for their organizations to pay for their participation. LA Secretariat is also working with IRC (Jaap, Marieke) to develop the city page. A Google group has also been started for members of the Accra LA. There have also been workshops for WP 5.2 and 5.3 to discuss short term action plans. Sites for demonstration activities have also been selected.

## **3. Future plans**

Mention planned learning alliance activities in the next reporting period (period of 3 months) that you will be focusing on. Highlight any changes expected from your plans (city storyline, action plan and learning alliance workpackage description).

The LA Steering committee met in Accra on Monday May 28, 2007 to discuss the progress of the learning alliance. The major activity that will involve all stakeholders is the LA Visioning workshop (August, 20-24) during which there will be parallel workshops for all WPs in Accra in order to have a consolidated action plan for the LA. There will be a follow up workshop (September – tentative) with policy makers, to present the Vision for Accra and to seek their support in institutionalizing the LA. There will be a meeting with donors to present the vision for Accra and to seek their support for funding some of the activities which will be agreed on at the visioning workshop.

For the stakeholder meetings to be held in June the LASC proposed that discussions on the structure, institutionalization and role assignment could be discussed among other things.

Other proposed activities are the development of a documentation centre and preparation of Accra Working Paper series to give relevant information to members of LA. Draft Agreement to institutionalize LA also to be prepared by August.

Another meeting for the LA Steering Committee is planned for the 2<sup>nd</sup> week in August by which time we would have prepared a document on activities and the outcome of these activities, conceptualized how all the workpackages could work together and linked up with other workpackages outside Accra. The emerging issues will feed into Visioning workshop.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

**Deliverables and Milestones for WP6.2:**

Deliverables	Milestones	Remark
	R2Key institutions and themes relating to IUWM identified in each city	Initial scoping exercise has been done: key stakeholders and their roles have also been identified
D3 Modified Action Plans for implementation of Las within each city linked to all theme and sub-themes	R3Action plans and budgets agreed fro implementation of Las within each city	Short term Action plan up August has been done. To be revised after visioning workshop
		Budget for demonstration to be finalized after visioning workshop
D5 Institutional Analyses focused on the challenges in working towards a paradigm shift and institutional change in each demonstration city	R5 Key challenges in institutional change and policy reform identified in each city	Has been started Institutional Analyses to be finalized in June, Report to be ready by July 15
		Policy reform communiqué to be prepared and signed by participants after various deliberations. draft to be circulated after visioning workshop
D6 Reports on the formalisation of the LAs in all demo cities	R6 LAs on IUWM established in each city	D6: Report for 1 <sup>st</sup> LA workshop has been circulated among participants and special copies have been sent to the Mayor of Accra and Min of WR
		LA Teams have been constituted LA Facilitator has had some training in the LA Process LA platform has been constituted and kick off meeting has been held
D7 Reports summarising each research needs and opportunities for effective research and demonstration activities	R7 Research needs and opportunities for demonstration identified in each city	D7: Reports from WP 5.2 and 5.3 (Also see pages 32-32 in 1 <sup>st</sup> LA workshop report for Accra)
		R7: Done for WP 5.2 and 5.3 Other needs and opportunities could come up during the visioning and scenario building workshop in August

## **A1:**

### **Duties of City Coordinator**

- Form a Switch core team consisting of representatives from IWMI, KNUST, TREND Group,
- Provide SWITCH researchers involved in work packages with outcomes of the scoping visit relevant to the issues identified during the scoping visit.
- Interact with SWITCH management and researchers
- Support the design of the LA workshop, its methodology, programme and implementation
- Coordinate the development of action plans for follow-up on the LA workshop.
- The coordinator would be supported by the Coordination Team,
- Supervise LA facilitator
- Prepare financial and technical reports for SWITCH management unit
- Identify and discuss opportunities for linking up with other initiatives (for example the TPP project, Water for African Cities project, the AfDB sanitation project, etc). Call and meet them to inform them and invite them to LA meetings

### **Duties of LA Facilitator**

- Interact with City coordinator and LA support team
- Constitute the City LA
- Operationalise scoping feedback activities: use scoping activities as input
- Facilitate e-mail exchange among stakeholders
- Develop a SWITCH Accra fact sheet (a simple 2-page document) based on the scoping study and exploratory study
- Coordination with Accra stakeholders (from ministries to end users) and raise their interest and make sure that they would participate in the LA come to LA workshops:
- Regularly visit the most important stakeholders (10-15) and discuss with others on the phone
- Organise and arrange all logistics for workshop
  - o Venue
  - o Identify facilities
  - o Invitations
  - o Transport and hotels

- Media coverage
- Document and disseminate the LA process including concise workshop reports
- Prepare necessary follow-up plan to LA workshops
- Writing City Profile
- Develop and maintain City Web site
- Produce Switch City Materials as necessary
- Interacting with the Media

# SWITCH Learning Alliances progress report: Alexandria

Name of city: Alexandria

Form completed by: Dr. Khaled Abu Zeid

Date: June 24, 2007

Covering period from: Feb. 2006

to: June 2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

*In this first report we would like you to specifically comment on the building of your learning alliance facilitation team. Please explain **who** is involved in facilitating your learning alliance, summarize their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that you are charging SWITCH for their time (we need this to check against the budget you have been allocated. You may mention any gaps you have in your time or changes anticipated.*

The learning alliance has already been formed with representatives from all sectors in Alexandria. These include representatives from the Drinking Water Holding Company, Sanitation Services Holding Company, Academic Research Institutes and universities, local NGOs, Alexandria Governorate, Environmental Agency of Alexandria governorate, City coordinator, members of CEDARE, and representatives from the Ministry of Water Resources and Irrigation. The ToR's for these representatives includes highlighting the challenges faced in Alexandria with respect to water-related issues, as well as ensuring dissemination of information between the different LA and stakeholders of all sectors in Alexandria. It is important to focus on IUWM and coordinate between parties to gather information from all sectors in Alexandria on resources, infrastructure, stakeholders, and demands of the people. Once this information is gathered, it is important for them to put guidelines for an IUWM plan to be developed and implemented in Alexandria. In terms of facilitation of the learning alliance, an LA facilitator has been appointed for Alexandria. **He shall be located in Alexandria in the Governorate building**; however funds are required to accommodate the facilities required including office equipment, computer, internet connection, fax, etc. On this note, it is important to mention that the SWITCH project needs to provide funds for this facilitation in Alexandria. The LA facilitator works 3 times a week. Other personnel involved in facilitation of the learning alliances include 2 programme assistants within CEDARE, a senior water specialist, and of course the managing director of the water resources programme at CEDARE. All of these personnel are employed full-time, working 5 days a week.

>>>Need to specify names of staff, and give budget details in next report

## **b) Mapping stakeholders**

*A key initial task is to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March in Lodz. It was agreed that stakeholder analyses would be completed within two months after those courses. Please summarize progress with your stakeholder analysis and when you intend to submit your report.*

Mapping out the stakeholders in Alexandria is in progress. A district community has not been selected yet and further information needs to be gathered in order to determine which district is the most suitable for this project. A panel was formulated during the learning alliance meeting in Alexandria on June 12, composed of various members of the LA. This panel will select a demonstration site based on the criteria imposed. There are 6 suitable sites that will be assessed by this panel in order to determine the most appropriate area to perform the demonstration project within. Upon selection of a demonstration area, information needs to be gathered pertaining to that specific area and its water resources. One of the ideas or methods for gathering information is a questionnaire or survey that would enable us to determine the qualified individuals within the community. This questionnaire will be completed in order to map the stakeholders and representatives of the community. It is important to select individuals who are qualified and are well educated to be able to better represent the local community in the LA. This survey is yet to be done and shall determine the key stakeholders within this community.

>>> I have seen the start of a good draft report. We need to agree when the complete report will be submitted

## **2. General progress**

*Please summarize activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of work package 6.2 tasks in the description of works. Highlight what you think is important.*

A facilitator's training workshop took place in Cairo, at the Center for Environment and Development for the Arab Region and Europe (CEDARE) and lasted for five days from the 24<sup>th</sup> to the 27<sup>th</sup> of January 2007. The training objective was to demonstrate how to build an innovative environment of Learning Alliances (LA) which brings together the major stakeholders who can drive the research and demonstration activities and disseminate their benefits by breaking down the barriers of information sharing, and speeding up the process of uptake of innovation and the scaling up of research outputs. One of the key results of the training workshop was the "City Posters" where everyone had an opportunity to reflect what they understood from the training and also express their queries over the challenges that will face the execution of SWITCH-LA project in their designated city

Along with the training workshop, three LA meetings took place in Alexandria. One on 14<sup>th</sup> January, 2007, one on 14<sup>th</sup> March 2007, and one on 12<sup>th</sup> June 2007. The meetings

were intended to introduce the Alexandria LA to each other and begin assessing the situation of water supply and sewage facility in the city. These three meetings were very successful, and it was recommended to invite members from the private sector and other agencies to join the Learning Alliances.

In the last meeting on June 12<sup>th</sup> 2007, a panel was agreed upon in order to select a demonstration site in Alexandria according to the criteria. Details and preparations towards the July 24-25 workshop were discussed and presentations were assigned to distinguished LA members. Minutes of this meeting are attached along with this document for further reference.

### **3. Future plans**

*Mention planned learning alliance activities in the next reporting period (period of 3 months) that you will be focusing on. Highlight any changes expected from your plans (city storyline, action plan and learning alliance work package description).*

Future plans for the project include selecting a demonstration site in Alexandria based on the criteria imposed. Once this demonstration site is selected, it is necessary to complete a survey in the community to identify key stakeholders whom are well educated to better facilitate between the LA and the local community. It is also important to have trainings for LA members regarding documentation. It is necessary for the LA to not be restricted to performing activities, but to learn to document their work efficiently and effectively. Other trainings including mechanisms of brainstorming will ensure capacity-building and allow the LA members to share and disseminate information amongst one another. One future goal is to ultimately attain a set of guidelines from the LA, whereupon an Integrated Urban Water Management (IUWM) Plan may be developed and implemented. Mapping out the present Urban Water Management Systems and an analysis of the situation in Alexandria is necessary to construct guidelines for the IUWM plan. What are the problems and constraints, as well as the potentials of the IUWM system are all factors that need to be analyzed. Future plans also include preparation for the July 24-25 workshop to discuss "Visioning and Scenario Building" for the city of Alexandria. This workshop aims to produce a set of outputs that are necessary to help facilitate the formulation of an IUWM Plan.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

# SWITCH Learning Alliances progress report: Beijing

Name of city: Beijing  
Form completed by: ZHANG Feifei, CAI Jianming Date: June 15, 2007  
Covering period from: Jan. 1, 2006 to: May 15, 2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

*In this first report we would like you to specifically comment on the building of your learning alliance facilitation team. Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that you are charging SWITCH for their time (we need this to check against the budget you have been allocated. You may mention any gaps you have in your time or changes anticipated.*

A LA facilitation team has been built up in Beijing city.

Cai Jianming	coordinator of Beijing	13 days/ month
Liu Shenghe	training officer	13 days/ month
Li Lijuan	scientific consultant	14 days/ month
Ji Wenhua	researcher/data collection	18 days/ month
Zhang Feifei	secretary/ researcher	17 days/ month
Li Jiuyi	researcher	18 days/month

<John> In next report please mention rates for these staff and total SWITCH budget allocated. Please also clarify roles of different people in relation to outputs where possible e.g. who is responsible for writing the stakeholder analysis?

### b) Mapping stakeholders

*A key initial task is to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March in Lodz. It was agreed that stakeholder analyses would be completed within two months after those courses. Please summarise progress with your stakeholder analysis and when you intend to submit your report.*

With the 1<sup>st</sup> Learning Alliance in Beijing, we diagnosed key stakeholders in Beijing as follows, and built a relationship with them:

**-Beijing Water Conservation Office of Beijing Water Authority:** Set up policies related to water conservation, make water conservation plan, compile water conservation technology standard, collect water charge and impose a penalty on exceeding water use and assessment and examination of important water conservation projects.



-**Beijing Hydraulic Research Institute, Beijing Water Authority.** Their current work is the protection of surface drinking water sources in Beijing. Through ‘the protection of Miyun Reservoir watershed’ and ‘pilot project of technical solution for the water improvement of Guanting Reservoir watershed’, the water quality of the two main surface drinking water sources have been improved and supply water to waterworks.

- **Sciences and Technology department of Construction Ministry.**
- **The Ministry of Water Resources.** Administration management of water resources. Formulation of water-related policies, development strategies and plans. Drafting and implementation of enabling legislation and design of water-related regulatory frameworks. Formulation of economic regulatory measures for the water sector. Drafting and review of proposals and feasibility study reports on large and medium-sized capital construction projects in the water sector. Provision of guidance to activities related to rural water resources. Responsibility for the day-to-day work of the State Flood Control and Drought Relief Headquarters.
- We also diagnosed some **other stakeholders** from different channels (for instance, from the internet, introduction of known stakeholders and related papers): Beijing Water Saving Management Center, Beijing Environment Protection Authority, Beijing Gardening and Greening Bureau (collecting rainwater for planting), Beijing Drainage Group Co. Ltd, etc.

<John> A full report needs to be prepared consistent with briefing note #2. Please indicate in next report when this will be completed and submitted.

## 2. General progress

*Please summarise learning alliance activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important. You might also refer to training and dissemination activities, details on key new LA members, data collection, coordination across work packages, discussion of demonstration activities etc.*

We had a 3-day LA meeting in May. In the first two days we visited Xiedao and had an SWITCH interior discussion. In the 3<sup>rd</sup> day, key stakeholders presented their work related to water and had a discussion of lessons learned.

**The important things** in wp 6.2 are: building up some pilot projects for multi- functional urban agriculture and sustainable water use, involving more migrant farmers into cooperatives and establish a united water saving and smart use system.

### **New LA members:**

Mr. Li Jiuyi. A PhD student majored on water resources management. He will choose a subject in SWITCH project and do his research.

Ms. Zhang Feifei, master, the secretary of RUAF program, and in this LA meeting she took charge of the logistics and part of the documentation.

**Huairou rainwater harvesting demo** was discussed. The Huairou cooperative has 1108 households as its members. Now they are pushing a rainwater collection system in

greenhouse-planting members. Beijing is 600mm rainfall yearly, if use this system, 400 cubic could be collected and 250 cubic used for per mu (150 for recharge). If use the drip irrigation, it can used to 3 mu, hence 600 cubic can be saved. 2 persons' consumption can be saved based on per mu. Last year they built one collecting system for one greenhouse, each pond is 180 cubic. This year they want to combine 5 existed poods to 1 bigger underground pond (1000 cubic meter), which can also be used for recreation and fishing.

### **3. Future plans**

*Mention planned learning alliance activities in the next reporting period (period of 3 months) that you will be focusing on. Highlight any changes expected from your plans (city storyline, action plan and learning alliance workpackage description).*

- get in touch with more stakeholders in this field
- collect info and data
- Development of Beijing SWITCH Website
- Translation of materials
- Xiedao demo discussion

<John> Need to align reporting closer with the plan for workpackage 6.2 (learning alliances) in next report.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

# SWITCH Learning Alliances progress report: Belo Horizonte

*Name of city:* Belo Horizonte  
*Form completed by:* Sônia Knauer and Nilo Nascimento *Date:* 05/30/2007  
*Covering period from:* january/2007 *to:* may/2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

So far, we count in Belo Horizonte on the following facilitators: Champs, Sônia e Valdete – in SUDECAP – and Nilo, Helkoísa and Janise Bruno (a visiting researcher) at UFMG. This team is working a lot to lead the development of a Learning Alliance in Belo Horizonte. There are no exclusive tasks for each one, although Sônia Knauer and Janise Bruno are directly in charge of facilitating LA. We have frequent meetings and presentations and the SWITCH's ideas are growing up. The devotion is variable: Champs and Valdete work about 8 hour per week; Sônia works about 16 hours/week; Nilo and Heloísa about 4 hours per week; Janise works at about 16 hours per week. This cost about 1000 euros per month.

<John> Please provide the budget with next report. Its important that we monitor how much investment we are making into the learning alliances.

### b) Mapping stakeholders

Our first plan at SUDECAP was to start LA in BH by involving COPASA and Manuelzão as fundamental stakeholders, but now we can see that it is not true. The Regional Administrations of the city are acting as the main stakeholders. They are the Administration of North Region, Northeast, West and Venda Nova. In Venda Nova we are starting a work with the inhabitants in the area where a SWITCH demonstration project involving the setting up of a wetland is planned. This is the Vilarinho catchment, more precisely the Vilarinho detention basin. An assessment of public environmental perception and public acceptance stormwater storage structures (detention ponds) is starting this month. Assessment method is based on questionnaires. 300 questionnaires are going to be applied with the help of the PBH Agents of Health. A presentation and discussion of the wetland project is planned for the next future, addressed to schools (teachers and students) and inhabitants of the area. A similar work has been performed in Vila Guaratã, where a SWITCH demonstration project related to source control devices for stormwater management, an infiltration trench has been already implemented.

A team lead by Janise Bruno and gathering 4 MSc students is working on a complete stakeholder mapping in Belo Horizonte, but also including institutional aspects at the national, Minas Gerais state and metropolitan region domains. A draft of this report will

be presented to the UFMG and SUDECAP teams involved to WP 6.1 and 6.2 the next 5<sup>th</sup> July.

## **2. General progress**

*We put in annex a little report about our work.*

## **3. Future plans**

In the next period we will do the work in Vilarinho, another wetland in the Zoo and a great meeting to add more stakeholders. Moreover, at the next week we will do a meeting with the BH Commission of Global Warming in BH and with a Program of Urban Agriculture.

So far, we have not yet involved stakeholders from the neighbor municipalities (Betim, Contagem, Sabará) and representatives of professional organizations, as previously planned. The involvement of these stakeholders is planned to start the next July.

<John> Please check alignment with the plan for workpackage 6.2 (learning alliances) and other possible activities e.g. city website.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

# **Belo Horizonte Learning Alliances**

SUDECAP and UFMG teams have been meeting at about a weekly base since the start of the SWITCH project. Some of the main subjects of presentations already done are the following:

- Demonstration projects on stormwater source control and pollution abatement using wetlands to be implemented in Belo Horizonte, by the WP 2.1 and 2.2 teams;
- Public perception of flood risk and public acceptance of detention basins in Belo Horizonte – an assessment by questionnaires in two catchments, by Nilo Nascimento;
- French experience in using source control facilities, by Bruno Tassin (ENPC);
- Assessing the impacts of urbanisation on urban water quality by analysing sediment deposits in lakes and reservoirs – the project of Pampulha detention pond in Belo Horizont, by Sarah Jung (ENPC);
- River restoration – a case study in France, by Louise Bruno;
- The LA plan for Belo Horizonte, by WP 6.1 and 6.2 teams;
- Use of GIS system to facilitate evaluation and decision making by stakeholders in the urban water domain, by César Lador (EPFL). César is finishing his MSc in EPFL. His thesis is related to the activities of WP 1.1 and 6.2 in Belo Horizonte.

**Other meetings organised in the period:**

- 15<sup>th</sup> and 28<sup>th</sup> March 2007 – Presentation of the Facilitators Course at Cairo, Jan 2007 for SUDECAP officials.
- 20<sup>th</sup> March 2007 - Meeting with COPASA to present the SWITCH and to invite the company to participate;
- 29<sup>th</sup> March 2007 - Meeting with representants of UFMG and SUDECAP to present agreement projects (trenches, ditches, wetlands, etc);
- 3<sup>th</sup> April 2007 – Visit to *Vila Guaratã* (local that will be installed infiltration wells);
- 9<sup>th</sup> April 2007 – Arrival of two trainees that will work in L.A.s at Vilarinho -one catchment that will be installed a wetland.
- 10<sup>th</sup> April 2007 – Application of one questionnaire that explores the population socio-environmental perception;
- 19<sup>th</sup> April 2007 – Inspection in *Vila Guaratã* to define the area of the experiments;
- 20<sup>th</sup> April 2007 – visit of a swiss trainee to the sanitation and drainage sectors at SUDECAP;
- 24<sup>th</sup> April 2007–meeting at one sub-catchment of Belo Horizonte to create one comission for accompany an intervention in this area;
- 04<sup>th</sup> May 2007 – presentation of the Geographic Information System – GIS of the Water Supply and Sanitation Strategic Plan for a trainee that is working in SWITCH;
- 09<sup>th</sup> May 2007 – visit to SLU- garbage service of the city council, in this time the GIS of urban solid residue were introduced for trainees;
- 09<sup>th</sup> May 2007 – visit to COPASA, in this time the GIS of sanitation were introduced for trainees;
- 11<sup>th</sup> May 2007 – visit to URBEL (shantytown urbanization) to know the treatment of research data;
- 15<sup>th</sup> May 2007 – meeting at Venda Nova to beginning L.A.s at Vilarinho area;
- 17<sup>th</sup> May 2007 – meeting with the community of *Vila Guaratã* to inform about the SWITCH experiments.

# SWITCH Learning Alliances progress report: Birmingham

Name of city: Birmingham

Form completed by: Philip Sharp

Covering period from: August 2006

Date: 30/05/07

to: 31/12/08

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

*In this first report we would like you to specifically comment on the building of your learning alliance facilitation team. Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that you are charging SWITCH for their time (we need this to check against the budget you have been allocated. You may mention any gaps you have in your time or changes anticipated.*

The Birmingham Learning Alliance Facilitation Team consists mainly of Philip Sharp with support from Serban Schouten (who is not available due to an external assignment until late June 2007). The Learning Alliance in Birmingham was initiated in June 2006 and this was followed up with a initial Institutional Mapping Questionnaire where delegates (LA Members) were asked to complete details of their roles and responsibilities and answer some questions on Urban Water Management issues affecting Birmingham (the Greater Birmingham Area). This was followed up by Scoping Study visits to various organizations with an interest in public water management for the city. Outputs and finding were included in *The Birmingham City Story Version 3* and in *Birmingham Scoping Report* dated January 2007.

We anticipate that this will involve approximately 3 – 4 days per month at an average of €3,500 per month at Full Cost and €1750 at 50% of Full Cost.

### b) Mapping stakeholders

*A key initial task is to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March in Lodz. It was agreed that stakeholder analyses would be completed within two months after those courses. Please summarise progress with your stakeholder analysis and when you intend to submit your report.*

Some initial Stakeholder Analysis was carried out as part of the Birmingham Scoping Report Month 3 -9 and this identified and explained the respective roles in the Management of Urban Water. This is now leading on to more in depth mapping of the Stakeholders and will include the formal and the informal Stakeholders as far as is possible. The Learning Alliance Meeting in early June is to add to this process considerable. The initial mapping was focused upon the legislative and legal structures

relating to Water Management in the city of Birmingham. We are now in the process of mapping the wider interest groups in amenities, developers (public and private), water users – industrial and agricultural. This will take account of some of the latest practice/guidance being given to the Planning Authorities and Developers in order to enable more sustainable practices to be adopted. A full Stakeholder mapping Report will be available in Month 18.

## **2. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important.*

### Month 1 – 9

Was really a starting point in holding a first meeting of the Birmingham Learning Alliance. This dealt with:

- 1) the philosophy behind Learning Alliances.
- 2) a presentation on the SWITCH Programme of objectives.
- 3) identification of Key LA Members (Stakeholders)
- 4) a programme of LA meetings
- 5) a Scoping questionnaire and Scoping Visits

### Months 9 -12

Consolidating the Learning Alliance and establishing the demonstration Projects:

- 1) expanding the Learning Alliance
- 2) contacting other groups involved in parallel initiatives in the region, such as a
  - i) Regional Climate Change Group
  - ii) a DEFRA Pilot Study for Urban Flooding issues.

### Months 12 to 18

Activities have been:

- 1) Attendance at Learning Alliance Development and facilitation Workshop – Lodz in March 2007.
- 2) Further Learning Alliance meetings scheduled for:
  - i) June 2007 and ii) October 2007

## **3. Future plans**

Mention planned learning alliance activities in the next reporting period (period of 3 months) that you will be focusing on. Highlight any changes expected from your plans (city storyline, action plan and learning alliance workpackage description).

Additional Activities include:

- 1) Attendance at City Facilitators Lodz Workshop 1-5<sup>th</sup> July 2007
- 3) Newsletter Birmingham Learning Alliance – Month 16.
- 2) Presentation of paper on SWITCH to be given at;
  - i) Water Summit in London in September 2007 - Month 19
  - ii) Annual Conference of Chartered Institution of Water & Environmental Mangers – London 9<sup>th</sup> - 11<sup>th</sup> October 2007 – Month 20
- 4) SWITCH City Web Site launch – Month 19
- 5) Support for Sustainable IUWM WP1.1 & 1.2: Scenario Planning & indicators selection. Assisting in the gathering and collating all applicable spatial data for the development and testing of the IUWM and sustainability assessment models. Integration of concepts derived from the evaluation of Birmingham with the overarching programme of modelling under 1.1 and 1.2
- 6) Stakeholder Mapping – Second Stage High Level and identify institutional change and policy reform in the City. – Month 20
- 7) Promote LA involvement in demonstration Projects and support in dissemination of information. Reporting on progress and demo activities.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.



# SWITCH Learning Alliances progress report: Hamburg

*Name of city:* Hamburg  
*Form completed by:* Wiebke Holste, Jochen Eckart  
*Date:* 30.05.2007  
*Covering period from:* August 2006 *to:* May 2007

## **1. Specific items to be addressed in this report:**

### **a) Building an LA facilitation team**

LA facilitation team Hamburg:  
Prof. Heike Langenbach, Jochen Eckart, Wiebke Holste

The team of landscape architects and urban planners of the HafenCity University (HCU) responsible for the facilitation of the LA Hamburg, renamed 'Water Expert Council', is well experienced in terms of approaches and methods to organise the learning alliance in Hamburg. The integration, coordination and organisation by the city-coordinators and the research-team of WP 5.1 guaranteed the close linkage of research and the 'Water Expert Council' which was of major importance at the beginning and for the future of the demonstration project on the river island of Wilhelmsburg.

The people of the LA facilitation team worked between 3-5 days each per months at the facilitation of the 'Water Expert Council' (organisation, meetings, documentation, etc...) depending on the workload of the passed months. With the progress of the demonstration project Hamburg it clearly shows that the future workload in relation to the facilitation of the learning alliance Hamburg will increase (organisation, dissemination, documentation, etc.). The employment of a facilitator for the Water Expert Council is in progress and is finally planned for the 1<sup>st</sup> of July 2007.

As the relevant changes in the budget and the allocation of money to the learning alliances were not predictable within the first period of the project, the people named above were mainly responsible for the facilitation of the Water Expert Council in Hamburg. The budget allocated to the learning alliance delivers the important possibility of the employment of a person being mainly responsible for the facilitation of the Hamburg learning alliance. This person will be strongly supported by the present LA facilitation team.

With the further concretisation of the demonstration project of the city of Hamburg the workload related to the facilitation of the learning alliance will increase. Therefore it is of major importance to shift as well the saved manpower costs as other budgets of the first 18 months of the project to the following period of SWITCH.

### **b) Mapping stakeholders**

Within the first period of SWITCH (month 1 to 6) the main members with relevance for water management in Hamburg were identified as partners of the learning alliance (cp. DoW) renamed 'Water Expert Council' (month 1 to 6).

With regard to the concretization and the progress of the demonstration project of Hamburg a wider circle of stakeholders was identified with emphasis on water management but also with relevance for decisions on the river island of Wilhelmsburg. The list of stakeholders with major relevance is completed and the expansion of the learning alliance is in progress (month 7 to 18). Single meetings with relevant stakeholders take place as preparation of the conference and workshop planned at the 31<sup>st</sup> of August 2007.

A first analysis of the main stakeholders as identified in month 1 to 6 was prepared as part of a report called 'Urban Water Management in the Hamburg Learning Alliance Area. Legislative and Strategic Structures' (WP2: 01.02.2007). A detailed analysis was deferred as the responsibilities of the municipality of Hamburg (including the BSU) changed at the 01.01.2007 and up-to-date information was not available so far. The detailed analysis will be caught up on. Further details about stakeholders will be available in relation to the documentation of the learning alliance conference which takes place at the 31<sup>st</sup> of August 2007 (month 19).

## **2. General progress**

### **Months 1 to 6**

- Identification and establishment of the core members of the Hamburg learning alliance ('Water Expert Council')
- Nomination of the city coordinators and the learning alliance facilitator
- Concretisation of the demonstration project Hamburg (Water Management Plan Wilhelmsburg; small scale demonstration project on the river island of Wilhelmsburg)

### **Months 7 to 12**

Discussion about resources of the LA:

- Identification of need of manpower
- Identification of need of budget for meetings, etc.

Allocation of budget to the LA:

- Scientific meeting Birmingham (January 2007)

### **Month 7 to 18**

Establishment and expansion of the 'Water Expert Council':

- Identification of a wider circle of stakeholders with main interest in water management on the river island of Wilhelmsburg (decision level, expert level, local stakeholders)

- Several meetings with single partners of importance for sustainable water management in Hamburg/ Wilhelmsburg e.g. the 'Zukunftsrat Hamburg'

#### Demonstration project Hamburg:

- Concretisation of the modules of the Strategic Water Management Plan Wilhelmsburg as part of the demonstration project Hamburg as linkage to the problems of every day work
- Preparation of thematic briefing notes as starting point of the Water Management Plan Wilhelmsburg (month 13-18)
- Discussion of options in terms of the small scale demonstration project on the river island of Wilhelmsburg

#### Support of research activities:

- Several meetings with single partners of the learning alliance
- Identification of the focus of research related to WP 5.1 – Water Sensitive Urban Design (Design Manual WSUD)

#### Preparation of the International Conference IBA Labor 'Water Sensitive Urban Design'

- Close collaboration with the IBA GmbH and partners of the BSU
- preparation and draft of the program

#### Global learning alliance:

- Training college WSUD I 'Zaragoza EXPO 2008' in close collaboration with Mr. Javier Monclús of the consorcio EXPO Zaragoza 2008 and Mr. Javier Celma Celma and Mr. Victor Bueno of the Ayuntamiento de Zaragoza (29.10. – 01.11.2006)
- Meeting of the SWITCH learning alliance Hamburg – Zaragoza (30.10. – 31.10.2007)
- Presentation of the results of the WSUD I 'Zaragoza EXPO 2008' in Hamburg (14.02.2007)
- Meeting of Prof. Heike Langenbach (HCU), Jochen Eckart (HCU), Wiebke Holste (HCU), Mr. Javier Monclús (consorcio EXPO Zaragoza 2008), Mr. Uli Hellweg (IBA GmbH), Mr. Wilhelm Schulte (BSU) as partners of the SWITCH learning alliance in Hamburg (14.02.2007)
- Documentation of the training college WSUD I (in progress)
- Close collaboration with WP 1 in terms of the Water Management Plan Wilhelmsburg (e.g. meetings 29.03. – 30.03.2007)
- Knowledge sharing and cooperation with partners of other demonstration cities and workpackages (e.g. Lodz, University of Abertay)

#### Participation at the LA facilitator training

- Learning Alliance Development and Facilitation 26.03. – 30.03.2007, Lodz
- Process documentation training 01.07. – 05.07.2007, Lodz

#### Dissemination

- Documentation of activities related to the Water Expert Council in Hamburg and the global learning alliance (e.g. workshop reader scoping visit; training college WSUD I)
- Preparation of the website (in english and german)
- Preparation of conferences and workshops

### 3. Future plans

#### Month 17 – 19

- Expansion membership of the Water Expert Council (in progress)
- Preparation of modules of Water Management Plan Wilhelmsburg (in progress)
- Conference and workshop in relation to the Water Management Plan Wilhelmsburg (31.08.2007); discussion of interim results of the Strategic Water Management Plan Wilhelmsburg (month 19)
- Further progress of the global learning alliance

#### Month 20 to 24

- Strategic Water Management Plan: a vision for Wilhelmsburg and selection of sustainability indicators (month 22)
- Discussion and dissemination of the 1<sup>st</sup> draft Design Manual WSUD as Milestone 1 (month 22)
- Preparation of the International Conference IBA Labor ‘WSUD’

#### Month 25 to 36

- International Conference IBA Labor ‘WSUD’ in close cooperation with the IBA GmbH (month 25)
- Discussion of the Draft Water Management Plan Wilhelmsburg (month 25)
- Presentation of the Decision Support System and potential IUWM options for analysis (month 25, to be checked)
- Presentation Water Management Plan Wilhelmsburg (month 30)
- Preparation of the small scale demonstration project in Hamburg
- Presentation 2<sup>nd</sup> draft Design Manual ‘WSUD’ (research WP 5.1)

#### Month 37 to 60

- Realisation of the small scale demonstration project
- Monitoring by ‘Water Expert Council’
- Discussion and dissemination of the work in progress

#### Month 61 to 64

- Documentation of the demonstration project

# SWITCH Learning Alliances progress report: Lodz

*Name of city:* Lodz  
*Form completed by:* M.D-Geitz/I.Wagner  
*Covering period from:* May 2006  
*Date:* 30.05.07  
*to:* 30.05.07

## **1. Specific items to be addressed in this report:**

### **a) Building an LA facilitation team**

The Lodz Learning Alliance is facilitated by Monika Dziegielewska-Geitz, whose 18-month starting February 2007 Action Plan is attached as separate file (Annex I). The LA facilitator was appointed since November 2006.

The building of the Lodz learning alliance facilitation team has been happening gradually since May 2006. The facilitation team also includes the City Coordinator – Iwona Wagner, Agnieszka Jaszcak and Kinga Krauze, supporting Monika Dziegielewska-Geitz with communications and the learning alliance development.

The following meetings of Learning Alliance took place since the beginning of the project:

- May 2006 – Scoping Visit (Report: Annex II)
- January 2007 – Stormwater , (Report: Annex III)
- March 2007 - LA Facilitation, which also served a function of the LA development review and networking meetings (Report: Annex IV)

From November 2006 –March 2007 the average number of days being spent by the LA Facilitator Monika Dziegielewska-Geitz was 40 hours per month at the rate of approx. 260,- euros (1100,- PLZ) per month.

Since May 2007 the LA Facilitator has been working full time (5 days per week) at the rate of approx. 700,- euros (3000,- PLZ) per month.

The supporting staff of the facilitation team is involved on the basis of temporary contracts per specific service.

### **b) Mapping stakeholders**

The stakeholder analysis for the first stakeholder – the Subdepartment for Infrastructure (the Department of Municipal Management) of the City of Lodz Office is in progress. The LA Facilitator has started collecting information for the analysis and the report will be submitted by June 7<sup>th</sup>, 2007.

During the Facilitation/Institutional Mapping workshop in March (Annex IV) there was the initial stakeholders analysis conducted by participating LA Members, which will be followed up and done in detail by the Facilitator in reference to each mapped stakeholder as well as stakeholders suggested to be invited to the LA.

## 2. General progress

The most important activities during the reporting period were the workshops – January 2007 (Stormwater) and March 2007 (LA Facilitation) which contributed to strengthening the Lodz LA by building trust among the members present as well as the agreement by stakeholders to support the development of the DSS System by sharing data (to be initially collected 30.05-7.06.07), which contributed to building safety and trust and laid foundations for further LA development, and served as an inspiring platform for the present stakeholders to share their expertise, concerns and the willingness to implement change. The Facilitation and stakeholder analysis workshop showed the emerging most involved stakeholders by so far – ZWiK, GOS and Subdepartment for Infrastructure (City Office), who are in constant interaction with the Facilitator, with the first of the given stakeholders to be especially active and interested. The LA Facilitator was offered a workplace in the Subdepartment for Infrastructure to work closer with the LA City of Lodz Office stakeholders and have easier access to information as well as better opportunities for the organization of LA meetings and workshops. The period of November 2006-May 2007 has, next to the ongoing activities planned in the City Plan and the Facilitator's Action Plan, has been dedicated to skills development as well as the organization of three LA meetings, including two trainings for the LA Facilitators from SWITCH cities, which turned out to be a process of dissemination and documentation of the development of the Lodz LA itself. The Lodz SWITCH LA website has been established, the process documentation has started, the dissemination actions and activities are being implemented as planned, with the impact of gaining more public as well as the stakeholders interest.

## Learning Alliance activities

Activity	Specific objective	Task	Deliverables	Status
Participation in the Training on the LA methodology Cairo	Advancement and consolidation of the city LA in the demonstration cities through training of the appointed facilitators	Creation and enlargement of the Lodz LA	D6.2-8R D6.2-9R D6.2-10R D6.2-11R	done
Meeting In the primary school on the cooperation related to the Sokolowka River project	Involvement young people in the activities of LA, dissemination of information on LA	Dissemination Sokolowka River project	D1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	done
Workshop on Storm Water and Decision Support System	Improvement of the Storm water management decision support system	Organization of Workshop for 20 LA participants	D2.2.1, D2.2.2, D2.2.3	done
Preparation of Leaflet on SWITCH Project in Polish version	Dissemination of information on SWITCH	Preparation and translation promoting materials on SWITCH Project	D1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	done
Preparation of leaflet on LA activities	Dissemination of information on LA SWITCH	Preparation and translation promoting materials on LA activities	D1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	In progress
Training on the stakeholders	Advancement of stakeholders	Elaboration of Concept to involve a	0.2.2.	done

involvement	involvement in the process of implementation solutions related to the urban water management through training of the appointed facilitators of LA	decision level in the LA		
Establishment of the web site of SWITCH LA in English and polish version	Dissemination of information on LA SWITCH	Design and launching of Lodz LA web site	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	In progress
Creation of "educational path" on the Sokolowka River	Dissemination of information on Sokolowka Project	Design and launching of educational project	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	In progress
Training on Optimizing social inclusion - stakeholders mapping and action planning	Elaboration of System and methods to involve society in the Project activities	Participation in the training, NGOs involvement	6.3 D1 6.3 D3	done
Training in financial analysis & fund-raising	Project development facility, raising implementation funds;	Establishment of the system including financial institutions and private and public sectors	D6.4-1 R D6.4-2 R	Pending – depending on IRC preferences
Exhibition "Ecohydrology meets Economy. Integrated Revitalization Exhibition"	Project dissemination, young people involvement	Organizing the exhibition jointly with the artistic competition "Water in e city of the Future"	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	Preparation in progress
Institutional Mapping Workshop	Project development facility, mapping	Co-Organizing Workshop for LA participants		done

## Training activities

Training activity	Purpose	Target audience	Type of materials/delivery	Status
Determining Technological Options for stormwater control	Improvement of stormwater control and reuse options (to be considered to lower the stormwater runoff and peaks to treatment plant)	Technical University of Lodz, Department of Environmental Engineering Subdepartment of Water and Sewage Technology Department of Infrastructure The Office of the City Lodz, Department of Environment and Agriculture The Office of the City Łódź, Sewage Treatment Plant in Łódź - The Process and Environment Protection Unit	D 2.2.1a D 2.2.1b D4.1	done
Decision making processes for effective urban stormwater management	Improvement of the decision making processes related to the stormwater management	Department of Infrastructure The Office of the City Lodz, Department of Environment and Agriculture The Office of the City Lodz, Sewage Treatment Plant in Lodz - The Process and Environment Protection		done

		Unit The Office of Town Planning and Architecture for the Lodz Region		
training on LA Methodology - Alexandria	Advancement and consolidation of the establishment of city learning alliances in the demonstration cities through training of the appointed facilitators	LA of the City of Lodz Facilitator and students studying learning alliance processes, who will be working part- or full-time to establish the learning alliance processes in their cities.	D6.2-8R D6.2-9R D6.2-10R D6.2-11R	done
training on stakeholders involvement	Advancement of stakeholders involvement in the process of implementation solutions related to the urban water management through training of the appointed facilitators of LA	LA of the City of Lodz Facilitator		done
Optimizing social inclusion - stakeholders mapping and action planning	Elaboration of System and methods to involve society in the Project activities	LA of the City of Lodz Facilitator NGOs	6.3 D1 6.3 D3	<b>done</b>
Training on Financial Analyses and Fund Raising	Establishment of the system of financial institutions, including private and public sectors, supporting implementation of proposed solutions elaborated by research institutions; project development facility, raising implementation funds	Facilitators of the LA of the City of Lodz, Department of Promotion The Office of the City Lodz,	D6.4-1 R D6.4-2 R	pending
Institutional Mapping Workshop	Improvement of the mapping potential institution for supporting activities development in the framework of SWTCH project	Facilitators of the LA of the City of Lodz, Department of Promotion The Office of the City Lodz	D6.4.1 D7.3.1	done

## Dissemination activities

Dissemination activity	Purpose	Target audience	Deliverable	Status
Handbook: UNESCO MAB – Urban Water Habitat Programme	Dissemination of scientific results and information about the Lodz project	Scientists, general audience		
symposium				
Preparation of Leaflet on SWITCH Project in Polish version	Dissemination of information on SWITCH	Stakeholders, scientists, local authorities, society	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	done
Preparation of leaflet on LA activities	Dissemination of information on LA and	Stakeholders, LA	D.1.2. 1a, 1b, D1.2.2, D1.2.3	In progress



	LA in Lodz		D1.2.4, D1.2.5, d1.2.6	
Establishment of the web site of SWITCH LA in English and polish version	Dissemination of information on LA SWITCH	society	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	In progress
Creation of "educational path" on the Sokolowka River	Dissemination of information on Sokolowka Project	society	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	In progress
Exhibition "Ecohydrology meets Economy. Integrated Revitalization Exhibition"	Project dissemination, young people involvement	Organizing the exhibition jointly with the artistic competition "Water in the city of the Future"	D.1.2. 1a, 1b, D1.2.2, D1.2.3 D1.2.4, D1.2.5, d1.2.6	Preparation in progress

## Learning Alliance Action Plan

Status	MoTh	Activity	Status
13	Feb	Presenting the SWITCH project to the City Council	done
14	March	LA facilitation and development training	done
15	April	Optimizing social inclusion training / Financial analysis & fund-raising?	done
15	April	Opening of the artistic competition "Water in the city of the Future"	done
16	May	Meeting in the primary school on the cooperation related to the Sokolowka River project	done
16	May	Creation of "educational path" on the Sokolowka River	In progress
17	June	LA visit to educational path and reservoir vegetation belt	
17	June	Proces documentation training	
17	June	Development of the protective vegetation belt around the reservoir	
18	July	LA meeting linked to the WP 5.3 workshop on use of natural systems a WP 5.3/Lodz	
18	July	Closing date of the artistic competition "Water in the city of the Future"	
19	August	LA visit to the on-line monitoring system	
19	August	Final installation of the online monitoring system for research, education and demonstration	
20	Sept	Visoning and scenario building workshop	
20	Sept	Exhibition Ecology meets Economy. Integrated Revitalization Exhibition. Official closing of the artictic competition.	
21	Oct	LA meeting linked to the Institutional Mapping Workshops	
22	Nov		
23	Dec	LA Christmas Meeting - review of year progress	
24	Jan		
25	Feb	meeting to discuss plans for the demo actyivities	
26	March	Presenting a report of GCC effects on hydrological system in Lodz to the LA	
27	April		
28	May	Establishment of new areas of willow plantation in the protective zone of the GWWTP	
29	June	Presentation of the mathematical model for the WWTP	
29	June	First stage of the construction of the Zabieniec reservoir –project documentary	
30	July	Restoration of a river section / presentation of a project	

### 3. Future plans

The planned LA activities in the next 3 months include ongoing stakeholders analysis to picture existing interactions and present their relevance to the implementation of SWITCH, outlining and initial conducting of a case study in Social Inclusion, a process documentation training in Lodz (1-5.07.07) involving willing LA members both as trainees and information for documentation contributors, interaction regarding progress in

the process implementation as well as the LA Members day-to-day involvement in implementing SWITCH, communication of SWITCH and LA ongoing progress by newsletter, meeting (22.06.07) with Directors of relevant City of Lodz Office Departments regarding Stormwater/River Valleys in reference to the designed city redevelopment plan as well as redevelopment of roads and infrastructure, preparations for the “Ecohydrology meets Integrated Revitalization” 11-12.09.07 conference, ongoing dissemination. There will be a roundtable meeting between scientists and artists organized by the Artists’ Museum in Lodz, on the request made by Mr J. Glowacki, with the goal of joining initiatives by artists and academics in the redevelopment efforts for Lodz. The idea of organizing the next edition of the Lodz Biennale around the topic of water has emerged.

The Lodz LA was joined by an NGO called NUDNO, and a photography exhibition by NUDNO members – University of Lodz students – called “The Lodz Rivers” will open on 31.05 at the “Piano Café” in Piotrkowska Street.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

# SWITCH Learning Alliances progress report: Tel Aviv

Name of city: Tel-Aviv  
Form completed by: Avital Dror-Ehre Date: 30, May 2007  
Covering period from: October 2006 to: May 2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

*In this first report we would like you to specifically comment on the building of your learning alliance facilitation team. Please explain **who** is involved in facilitating your learning alliance, summarize their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that you are charging SWITCH for their time (we need this to check against the budget you have been allocated. You may mention any gaps you have in your time or changes anticipated.*

The Tel-Aviv learning alliance, named in Tel-Aviv "water club", is facilitated by Avital Dror-Ehre. The Tel-Aviv team has faced its final stage, includes the City Coordinator Avi Aharoni, Haim Ckikurel and Prof. Avner Adin, in October 2006 when the LA facilitator was appointed. Working on the learning alliance tasks is in average, about 6 days per month. Since October 2006 one workshop, on sustainability indicators for planning and decision making for integrated urban water management, was hold in Tel-Aviv and was used for kick up the "water club". The facilitator was participates in LA training workshop in Lodz.

<John> In next report please mention rates for these staff and total SWITCH budget allocated.

### b) Mapping stakeholders

*A key initial task is to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March in Lodz. It was agreed that stakeholder analyses would be completed within two months after those courses. Please summarise progress with your stakeholder analysis and when you intend to submit your report.*

The first step of the city stakeholder analysis means identification of stakeholders, their respective roles, interests and relationships as describe in the learning alliance briefing note 2, was completed.

In the first period of the project the main stakeholder group members that are relevant to the objective of sustainability indicators as a tool for planning and for supporting decision-making, were identified and gather as partner of the Tel-Aviv learning alliance group named "water club". A detail list of the members includes position, job description and contact details are completed. The network of stakeholders includes their

responsibility according to position, relationship between the members and area of influence was presented in a schematic analysis. Information for deeper analysis according to the guidelines that provide in briefing note 2, are planned to be collected and reported in the next two months.

<John> A good written stakeholder analysis report is vital.

## **2. General progress**

*Please summarise activities, outputs or impacts that you consider we important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important.*

Major important activity during the reporting period was the workshop on sustainability indicators for planning and decision making for integrated urban water management. Most of the stakeholders were attended in the workshop that was a platform for introducing the LA approach and the sustainability method to the group members. It was also a platform for the stakeholders to share their experience & expertise. The majority of the SH were agreed to take a part in the process.

Corresponded path for information sharing between researcher and relevant LA member that would help to promote the support research [Theme #1 – sustainability indicators] was set. Another important step was introduction the idea of sustainability indicators as a tool for decision support to the water authority management.

The schedule for LA meeting on November and for a Professional workshop on SAT technology was set.

Participation in LA training:

- Learning alliance development and facilitation 26.3-30.3.07, Lodz.
- Process documentation – hopefully next time

Dissemination & publication:

Article (in Hebrew) about SWITCH project was published in a professional water journal name "water engineering".

Preparation for website that would help to keep a routine contact with the LA members and to disseminate SWITCH approach and ideas was started.

<John> Please revisit workpackage description for 6.2 learning alliances and check all outputs are being addressed.

## **3. Future plans**

*Mention planned learning alliance activities in the next reporting period (period of 3 months) that you will be focusing on. Highlight any changes expected from your plans (city storyline, action plan and learning alliance workpackage description).*

The planned LA activities in the next period include ongoing with the process that had been started. The stakeholder analysis to picture the full existing interactions and relevance to the implementation of SWITCH innovations would complete. The "water

club" would be bolstered as a water expert council. Dissemination of project information would also be bolstered in the internet site and in professional water journal.

Internet site: A specific internet site is planned to be built. The site would help to keep routine contact with the LA members. Information about the LA group activity, workshop's presentations and more related materials will be published. Messages will be sent to LA members. Though out this site members and others will be routinely informed and be able to discuss and bring up suggestions, remarks etc.

"Water Engineering" a professional water journal, in which a first article about SWITCH was polished is willing to publish a series of articles dealing with SWITCH activities [research, LA etc.] mainly in Tel-Aviv. The next planned article is about sustainability indicators.

Working on SWITCH' Pavilion in the "WATEC" – international conference about water innovation that take place in Tel-Aviv in October.

The process of characterization sustainability indicators in particular for Tel-Aviv water management would promoted with the help of the support research group [theme #1].

Preparation for the coming events in November was started.

- Professional training workshop on SAT technology on November was started. The SAT training workshop is planned as part of the second scientific meeting. 40-50 participants are expected.

- Second scientific meeting.

- LA meting is planned to take place close to the second scientific meeting. 30 participants are expected.

Small scale demonstration LA process - using the LA process to help WWTP operators to cooperate with the wastewater suppliers in aim to prevent damages containments into the wastewater system.

<John> Good to see that communication between stakeholders via a website and other means is being prioritized.

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.

# SWITCH Learning Alliances progress report: Zaragoza

Name of city: Zaragoza  
Form completed by: Pilar Egea Date: 6, June 2007  
Covering period from: January 2007 to: May 2007

## 1. Specific items to be addressed in this report:

### a) Building an LA facilitation team

A team called Water Commission is already working on topics related with water (use, demand, recovering costs, leak detection,...). This team includes the main stakeholders in Zaragoza: River Ebro Basin Organization, University of Zaragoza, the Infrastructure Department of Zaragoza Council, The Finance Department of Zaragoza Council, The Public Health Institute of Zaragoza Council, Local Agenda 21, Zaragoza Business Confederation, the Engineers Association, the Pharmaceutical Association, Users and Consumers Association and Trade Unions (UGT and CCOO). Up to now, they have been 29 members, and now we want to joint it several Actur neighbourhood associations (Actur is the SWITCH study area and is also where EXPO 2008 is going to take place) and, particularly, the Regional Government (of Aragón) with whom several political and economic problems have to be solved. As Water Commission is well known in our city, it is difficult to rename it as Learning Alliance Team. We are still considering this point.

City coordinator is Mr. Victor Bueno (Zaragoza Municipality) and Learning Alliance Facilitator is Dr. Pilar Egea (University of Zaragoza). Pilar Egea has just joint the SWITCH project and none of them have charged any amount to SWITCH budget.

<John> Is it planned to utilise any budget? If so, please provide rates and total budget.

### b) Mapping stakeholders

Key stakeholders in Zaragoza are already identified and are already working with the Ayuntamiento of Zaragoza (Local Government entity responsible for integral water management in the city), the Partner of Switch Project, except for Regional Government. A detail analysis will be prepared in a few months.

<John> The stakeholder analysis report is a vital baseline document required before continuing with other tasks.

## 2. General progress

February 2007:

- SWITCH Zaragoza meeting with Ian Smout to work on Work Package 3.1. Other general aspects were also discussed, particularly the interest of Zaragoza University in Work Package 6.4

- Water Commission (LA) meeting. Three main questions were discussed: presentation and discussion about the new water invoice, presentation of the new water regulation draft, and SWITCH project
- Meeting between SAICA and Local Agenda 21 to talk about Work Package 3.2 (his participation is only to provide knowledge)
- Meeting promoted by UGT trade union: “Present and Future of Water Cycle in Zaragoza”. The Mayor of Zaragoza City Council (Alberto Belloch) informed about the figures related with water consumption, new proposals and new challenges.

March

- V European Conference on Sustainable Cities and Towns in Sevilla. Zaragoza Municipality presented the SWITCH project
- Meeting with Sam Kayaga to work on WP 3.1. An agreement was reached in order to select Zaragoza as demonstration city for the framework model related with water management developed in Australia. In this point, the collaboration of the University of Zaragoza is required and a Memorandum of Understanding between Loughborough University and Zaragoza University is going on.

April

- Meeting between Zaragoza Council (Local Agenda 21) and Actur stakeholders to explain the SWITCH project.

May

- Water Commission meeting.

June

- Meeting with Department of Infrastructures of Zaragoza Council to define the future work on water infrastructures.
- Proposed workshop with Sam Kayaga, Chris Jefferies, Zaragoza Municipality and Zaragoza University to work on WP 1 and WP 3.1.

### **3. Future plans**

Proposed activities in the next six months.

- Educational activities and Project Environmental Education and Sustainability: elaboration of educational material about integral water cycle, consumption statistics, water costs, visits to sewage treatment plants.
- Progress with WP 3.1. Measures to modify the technical characteristics of the facilities and the water meters in Actur will be implemented to identify the water losses.
- Analysis of the effects of the new tariff of water supply.
- Prepare documents and papers to give relevant information to members of LA in our website (<http://www.zaragoza.es/agenda21/>)
- Workshop with those members that could assist in Zaragoza to talk about the project and its participation in EXPO 2008.
- SWITCH Congress in Tel Aviv.

<John> [Check plan for workpackage 6.2.](#)

Please send your report to John Butterworth ([butterworth@irc.nl](mailto:butterworth@irc.nl)). Include your city and the month and year in the filename please.



## SWITCH Learning Alliances progress report: Accra

Name of city: Accra  
Form completed by: Bertha Akosua Darteh Date: May 2009  
Covering period from: February 2009 to: May 2009

### 4. Specific items to be addressed in this report:

#### a) Building an LA facilitation team

*Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that your institution is charging SWITCH for their time (we need this to check against the budget you have been allocated and be able to plan for budget shortfalls). You may mention any gaps you have in your time or changes anticipated.*

An LA steering committee has been constituted for Accra (with membership from implementing partners in Ghana, IWMI, KNUST and a local NGO, TREND). The City Coordinator is Prof. Mrs. Esi Awuah (KNUST – 17). (Input 3 mandays a month). The Learning Alliance Facilitator is Ms Bertha Akosua T. Darteh (KNUST) (Input 10 mandays in a month @ 1000 eurs) The facilitator has received training in the development and facilitation of LAs, Process Documentation and Monitoring of the LA process. There is an assistant facilitator, Mr. David Assan (input 18 mandays @ 500 eurs) who is supporting the work of the facilitator and is currently involved in the development of a “RIDA” document for Accra.

#### b) Mapping stakeholders

*A key initial task was to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March 2007 in Lodz. Please summarise progress with your stakeholder analysis.*

The stakeholder analysis has been completed. It was shared and also put on the Accra Starter kit CD Rom but we have not received any response from the stakeholders. Currently an Institutional Mapping (IM) is ongoing. The IM report is still in the draft stage and needs to be shared with stakeholders for validation. There is the need to have a structured sharing with the stakeholders where their responses can be captured and the idea is to take advantage of the impending workshop to do this.

#### c) Vision and organisation

*Does your learning alliance now have an agreed objective? Please describe that objective. Were the visioning and scenario building exercises useful in establishing or clarifying the objective? Are rules and procedures for the functioning of the group with*

*clear agreements on the commitments to be made by the SWITCH project and the participants now in place?*

*Have the vision and objectives changed or been clarified recently? Have the objectives and ways of operating of the learning alliance been formalized any further e.g. an agreed terms of reference for the learning alliance?*

In August 2007, the LA members developed a refined vision for the city of Accra. The vision is as follows:

- *100% access to uninterrupted water supply*
- *10-15% physical losses and 10% commercial losses in Ghana Water Co. Ltd operations. Quality of the water at point of use meets approved standards (Ghana Standards Board)*
- *Efficient use of water by consumers*
- *Quality of Surface water meets Ghanaian Standards*
- *Improved productive uses of water for livelihood*
- *Accra should have 50-80% of waste recycled*
- *Accra is a clean city with drainage canals and street free of garbage 80% of citizens follow good sanitation practices (including paying for collection)*
- *Integrated and sustainable waste management system*
- *70 % reduction in the incidence of diseases associated with water and sanitation*
- *100% acceptable level of sanitation facilities (healthy, clean , dignified and safe).*

The vision still needs to be refined. There are plans to revisit the vision as part of the next LA meeting. Currently, a RIDA exercise is being undertaken to support the further refinement of the goals. The results of this exercise coupled with that of the Institutional Mapping will be used to carve out the roles and responsibilities of each stakeholder in relation to the objectives and these will be formalised.

#### **d) Monitoring and process documentation**

*Is monitoring in place to track learning alliance outcomes? Are you using the monitoring and evaluation indicators developed in Accra in December 2007 to monitoring progress? Are process documentation techniques being used? What process documentation products have been produced to capture how things have changed and why?*

The LA activities have been documented in the form of reports. The monitoring and evaluation indicators developed in Accra in December 2007 were scored in February, 2008. City assessment exercises were undertaken in August 2008. Activities that have been undertaken were also captured in the city story which was developed in January, 2009.

#### **e) City level communication**

*Have effective mechanisms been established for communication between learning alliance members. Describe these. What still needs to be done? Has a city website been developed?*

Communication to LA members is done by phone, email, stakeholder visits and meeting at external events. Visits (face-to-face meetings) have been very effective and have helped to significantly improve communications. Currently there is a city website ([www.switchaccra.wordpress.com](http://www.switchaccra.wordpress.com)), a Google group and lately a Facebook group (Accra Learning Alliance).

**f) Guidelines and SWITCH publications on learning alliances**

*Have you read or used any of the briefing notes and other papers available at [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances) (guidelines are under capacity building)? Where these useful and how have they been used? What additional guidelines would be useful for your work? Would you like to contribute to a joint paper or prepare a briefing note based on an aspect of your own work?*

Briefing notes and other guidelines have been read by the facilitator. Briefing note 2 provided good guidance for the stakeholder analysis and it helped especially with the analysis of information and report writing. Briefing note 6 has been used in developing ideas for process documentation in Accra. Briefing note 7 was used to develop an initial framework for monitoring in Accra before the final indicators were done in December, 2007. This served as a guide and reminded us of the objectives and activities that are to be achieved. Currently we are using ideas from the Briefing note 13 as reference to carry out a RIDA exercise in Accra

**5. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important including workshops or events, key feedback you have received from learning alliance members etc.*

The key activities since January 2009 have been centered on finalizing the institutional mapping and RIDA exercises. Currently there are drafts of these documents available and it is expected that final drafts will be completed before the next LA meeting so that these will be shared with stakeholders for validation. A number of meetings with external researchers have also been held to discuss the way forward for the Accra Learning Alliance. There have also been visits to various stakeholders and participation in external events. There has been an LA steering committee meeting to discuss the future plans for the learning alliance.

**The outcomes of the discussions are that:**

- LA members need to be updated on the progress of the LA and be reminded of the future activities that are required to be undertaken.
- LA activities need to have more institutional commitment, consistency of participants
- There should be more structured communication with LA members
- Policy makers should be included (more actively) in the LA process

## 6. Future plans

*Mention planned learning alliance activities in the next 3 months (to August 2009) that you will be focusing on. Highlight any changes expected from your plans (city storyline and learning alliance workpackage description).*

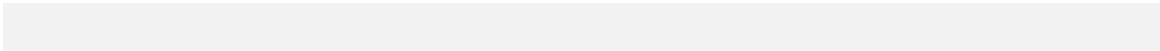
Planned LA activities for the next 3 months include:

- A general LA meeting in June.
- Policy makers' forum
- Increased stakeholder consultations on the strategic planning process, institutional contributions and the mainstreaming of LA activities into institutional activities

The results of ongoing SWITCH activities will be shared at the June workshop and that is expected to help the LA to come up with a clearer **vision for the city and an outline of the city strategic plan**. It is also expected that commitments to support the strategic planning process will be obtained from various stakeholder institutions. It is also expected that the working group that was created in May 2008 will be revitalized to continue with the process of developing a city strategic plan for IUWM.

Specific plans to help revitalize the working group are to:

1. Ensure renewed buy in to the vision from the stakeholders
2. Share ToR with group
3. Obtain letters of intent from the institutions
4. Have a programme of activities for the group
5. Facilitate regular meetings for the group



## SWITCH Learning Alliances progress report: Belo Horizonte

Name of city:	Belo Horizonte	
Form completed by:	Daniel Toledo	Date: May 2009
Covering period from:	February 2009	to: May 2009

### 1. Specific items to be addressed in this report:

#### a) Building an LA facilitation team

*Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that your institution is charging SWITCH for their time (we need this to check against the budget you have been allocated and be able to plan for budget shortfalls). You may mention any gaps you have in your time or changes anticipated.*

##### *From PBH*

Sonia Knauer (SMAMA/PBH) (LA facilitator)

Coordinates all LA activities; participates of main meetings, courses and other events.

4 hours per day, 16 days per month

Paid by PBH

Silmara Machado (SMAMA/PBH)

Produces and participates of meetings, courses and other events; gives courses; keeps in direct contact with stakeholders.

6 hours per day, 20 days per month

Paid by PBH

Daniel Toledo (Sociology Master Student/UFGM)

Produces and participates of meetings, courses and events; gives courses; keeps in direct contact with stakeholders; translates documents (english to portuguese); coordinates the communication activities.

4 hours per day, 20 days per month

424 euros per month

Thiago Salles (Communication Student/PUCMG)

Produces and participates of meetings, courses and events; keeps in direct contact with stakeholders; creates and produces communication materials.

4 hours per day, 20 days per month

106 euros per month

##### *From UFGM*

Nilo Nascimento (city coordinator)

Makes speeches and gives courses; participates of main meetings, courses and other events.

4 hours per day, 4 days per month

Paid by UFMG

Heloísa Costa

Makes speeches and gives courses; participates of main meetings, courses and other events.

4 hours per day, 4 days per month

Paid by UFMG

Janise Bruno (Biology Pos-doc Researcher/UFMG)

Makes speeches and gives courses; participates of main meetings, courses and other events.

4 hours per day, 20 days per month

Paid by Cnpq

Paulo de Castro (Engineering Doc Researcher/UFMG)

Makes speeches and gives courses; participates of main meetings, courses and other events.

8 hours per day, 20 days per month

775 euros per month

Tarcisio Nunes (Geography Doc Researcher/UFMG)

Makes speeches and gives courses; participates of main meetings, courses and other events.

4 hours per day, 20 days per month

Paid by UFMG

Eduardo Coelho (Engineering Student/UFMG)

Supports the production of communication material (subjects related to engineering).

4 hours per day, 20 days per month

106 euros per month

Clarissa Fernandes (Engineering Student/UFMG)

Supports the production of communication material (subjects related to engineering).

4 hours per day, 20 days per month

106 euros per month

## **b) Mapping stakeholders**

*A key initial task was to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March 2007 in Lodz. Please summarise progress with your stakeholder analysis.*

The stakeholder analysis has already been started and is being done by Daniel Toledo (Sociology Master Student/ UFMG) and Tarcísio Nunes (Geography Doctorate Student/UFMG), with the coordination of Sonia Knauer (SMAMA/PBH). Until now, many interviews with members of key institutions have been done. **We estimate to conclude this report at the end of 2009 June.** In June 20<sup>th</sup> we may have a draft version and it would be very nice to have a feedback with some comments and suggestions

Once the alliances with community partners is well done, it's time to invest on partnerships with institutional partners - including local media. In this sense, Sonia Knauer has conducted meetings with 20 environmental city secretaries from BH metropolitan area. The local media (newspapers, mainly) is continually informed about SWITCH's actions and we'll probably have a large report about the coming courses to be offered for COMFORCAS (participatory budget commissions). UFMG is in charge for establishing alliances with other institutions and we believe that the strategy seminar will be a very good opportunity to advance in this way.

### **c) Vision and organisation**

*Does your learning alliance now have an agreed objective? Please describe that objective. Were the visioning and scenario building exercises useful in establishing or clarifying the objective? Are rules and procedures for the functioning of the group with clear agreements on the commitments to be made by the SWITCH project and the participants now in place?*

The BH Learning Alliance has the objectives to increase general awareness and interest on questions related to urban water management, always considering the vision and scenarios previously built. Thinking about the municipal schools and municipal parks we've been directly working with, we aim to keep the involved people well informed about the demo's functioning. The visioning and scenario building exercises have been very useful to clarify this objective and also to guide our ways of operating, leading to the strong inclusion of contents like popular participation, social inequality and inter-municipal integration in our activities. Some learning alliance's operations are being formalized in action, but we've not elaborated the respective terms of reference until now.

### **d) Monitoring and process documentation**

*Is monitoring in place to track learning alliance outcomes? Are you using the monitoring and evaluation indicators developed in Accra in December 2007 to monitoring progress? Are process documentation techniques being used? What process documentation products have been produced to capture how things have changed and why?*

To document our activities, we've been elaborating short reports with photos, which are regularly sent to John Butterworth. The indicators developed in Accra in December 2007 have been used as important parameters at this reports and analysis. Moreover, we've recently produced the fifth edition of SWITCH newsletter. More than a communication tool, we can consider it a documentation resource. The latest edition refers to the activities performed between 2009 January and April, also establishing links to previous actions.

### **e) City level communication**

*Have effective mechanisms been established for communication between learning alliance members. Describe these. What still needs to be done? Has a city website been developed?*



As previously mentioned, we've been producing the fifth edition of a quarterly newsletter, which is distributed for our main learning alliance members. From this moment, we'll also send an electronic version of these newsletter to other partners and interested groups. The city website has finally been developed and it's online at the following address: <http://www.ehr.ufmg.br/switch/> . We're still adjusting some questions related to its layout and web direction, but the plan is to have the final version online at the end of 2009 May.

**f) Guidelines and SWITCH publications on learning alliances**

*Have you read or used any of the briefing notes and other papers available at [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances) (guidelines are under capacity building)? Where these useful and how have they been used? What additional guidelines would be useful for your work? Would you like to contribute to a joint paper or prepare a briefing note based on an aspect of your own work?*

We are using the briefing notes at some important activities, previously for the Scenarios Building and, at this moment, mainly for the Stakeholders Analysis. Although sometimes it's necessary to make some changes and adaptations, the material available at the website have been very useful. We think language and content used are very adequate, but the briefing notes could foresee that, in some social and institutional contexts, the procedures recommended are not possible to complete. In this sense, it would be interesting to have some alternative procedures considering the specific conditions faced by each city.

**2. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important including workshops or events, key feedback you have received from learning alliance members etc.*

- a. Meeting with Fernando Torres** (Coordinator of Municipal Parks Foundation ) and Guto Domingues (Manager of Lagoa do Nado Municipal Park) to discuss and plan the SWITCH activities at Lagoa do Nado Municipal Park. (23/01)
- b. Meeting with Danielle Mitterand**, president of Frances Libertes Institute, to present the conceptual and architectural proposal for the Water Reference Center at Lagoa do Nado Municipal Park. The Water Reference Center is planned to gather multimedia material around initiatives related to urban water management, both at household and city levels, like academic works, books, magazines and videos. It will also receive some SWITCH demos, like a rainwater collector, a green roof, an infiltration trench and a system of water reuse, for example. In other words, the Water Reference Centre is planned to be a research site, always opened to the public, in which different techniques and technologies are demonstrated and disclosed. (03/02).

- c. **Visit to Anne Frank Municipal School** to collect and analyse the water from a water source situated near the school. This activity was carried out by Paulo Vieira (Engineering Doctorate Student/UFMG) and accompanied by the twenty students of Anne Frank School that participate of the Water Reference Group. (18/02)
- d. **Visit to Lagoa do Nado Municipal Park** to negotiate the Water Reference Center's conceptual and architectural project with a member of the Municipal Secretary of Education, who already uses the original space with some groups of students. (09/03)
- e. **Dissemination of the four Scenarios built at the Scenarios Seminar.** The text was sent by e-mail for all those who took part at the seminar and also to other key groups. The e-mail hadn't any negative responses and we plan to formally present the Scenarios at the Strategy Seminar. (17/03)
- f. **Presentation of the first version of SWITCH local website for BH staff.** (18/03)
- g. **Meeting at Anne Frank Municipal School** in order to plan and arrange the World Water Day's event at the school. (19/03)
- h. **World Water Day celebration at Belo Horizonte Municipal Park**, with the participation of more than 300 children at the audience. At this event, there were a speech of Weber Coutinho (SMAMA/BH) and two theatrical plays – both about using and saving water. (24/03)
- i. **World Water Day celebration at Anne Frank Municipal School**, with the presence of Ronaldo Vasconcellos, the Environmental Municipal Secretary. Many participants of SWITCH staff in BH were also there – both from PBH and UFMG. The 250 children prepared two musical presentations, both about water saving. There were also two special activities directly related to SWITCH. Firstly, the inauguration of the rainwater collector, with the presence of Ronaldo Vasconcellos and the group of twenty children who accompanied all the conception and installation. Secondly, a group of workers of Anne Frank School (cleaners, cooks etc.) received a certificate for the participation at a SWITCH short course, which aimed to increase their awareness about some important questions related to water use. (25/03)
- j. **Course to raise awareness about urban water at Lagoa do Nado Municipal Park.** The course was offered to more than 100 workers (cleaners, office workers, guards etc.) and given by Paulo Vieira (DESA/UFMG), Rodrigo Ádamo (SMAMA/PBH), Silmara Machado (SMAMA/PBH), Tarcísio Nunes (IGC/UFMG) and Viviane Mendes (SMAMA/PBH). (30/03 a 03/04)
- l. **Event to deliver the certificates to those people who underwent the course.** The event counted on the participation of the Municipal Guard Band and also on the presence of some local authorities like Sergio Augusto Domingues (Director of Lagoa do Nado Municipal Park), Osmando Pereira da Silva (Director of Pampulha Regional), Clair Benfica (State's Parks' Diretor) and also Danielle Mitterand (President of Frances Libertes Foundation). Representing SWITCH, Sonia Knauer and Ilda Maria Aguiar. At the end of the ceremony, the workers received the SWITCH t-shirt and also took part of a special coffee break. (07/04)
- m. **Production and distribution of the 5<sup>th</sup> edition of SWITCH newsletter.** (27/04)
- n. **Meeting of SWITCH LA staff with a group of researchers** from Izabela Hendrix College, who presented a proposal of working together at a local community from Sabara (city of BH metropolitan region). The negotiation is still in course, but we believe that SWITCH staff will offer an adapted version of the course offered to Anne

Frank and Lagoa do Nado workers, aiming to increase awareness about urban water management. (28/04)

- o. Ongoing: Review of publications** (DRENURBS) on IUWM, PBH SUDECAP is now waiting for an internal analysis of the new proposal offered by the responsible company. The first proposal previously brought by the company had some legal problems, which delayed the whole process.

### 3. Future plans

*Mention planned learning alliance activities in the next 3 months (to August 2009) that you will be focusing on. Highlight any changes expected from your plans (city storyline and learning alliance workpackage description).*

- a. Class about Popular Participation for general students of SMAMA courses. (May)
- b. Visit to Arrudas River Water Treatment Plant (35 people). (May)
- c. Planning of activities in partnership with Izabela Hendrix College. (May)
- d. Participation at the Environmental Week at Anne Frank Municipal School. (June)
- e. Participation at the Environmental Week at INCISA College – BH. (June)
- f. Participation at ICLEI World Congress 2009 – Edmonton, Canada. (June)
- g. Offering of Urban Water Sustainable Management for Lidia Angélica Municipal School's workers. (June)
- h. Conclusion of stakeholders analysis. (June)
- i. Launch of SWITCH BH website. (June)
- j. Production and distribution of the 6<sup>th</sup> edition of SWITCH newsletter. (July)

## SWITCH Learning Alliances progress report: Birmingham

Name of city:	Birmingham	
Form completed by:	Jennifer Chlebek	Date: 15 <sup>th</sup> May 2009
Covering period from:	February 2009	to: May 2009

### 4. Specific items to be addressed in this report:

#### a) Building an LA facilitation team

*Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that your institution is charging SWITCH for their time (we need this to check against the budget you have been allocated and be able to plan for budget shortfalls). You may mention any gaps you have in your time or changes anticipated.*

City Coordinator-Unfortunately, Phil Sharp has now left Arup and is unable to continue as Birmingham's coordinator. Geoff Denham will now fulfill Phil's duties. Geoff is an Associate in the water team at Arup and deals with a number of areas of water management including flood risk, drainage and water treatment and distribution. He has taken an interest in SWITCH since the beginning of the project and is familiar with its goals. On average, the City Coordinator works 0.5 days per week, or 2 days per month and is charged at €145 per hour.

City Facilitator-Jennifer Chlebek continues in her role as City Facilitator. Jennifer is a fluvial modeler within the Water Team. On average, Jennifer has 1 day per week for SWITCH and is charged at €55.

#### **b) Mapping stakeholders**

*A key initial task was to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March 2007 in Lodz. Please summarise progress with your stakeholder analysis.*

The stakeholder analysis is complete and can be found at <http://switchbirmingham.wordpress.com/reports/>.

#### **c) Vision and organisation**

*Does your learning alliance now have an agreed objective? Please describe that objective. Were the visioning and scenario building exercises useful in establishing or clarifying the objective? Are rules and procedures for the functioning of the group with clear agreements on the commitments to be made by the SWITCH project and the participants now in place?*

The visioning document is now completed, and is available at <http://switchbirmingham.wordpress.com/reports/>. The vision was based around current water strategy documents including Defra's Future Water For England, Severn Trent Water's Strategic Direction Statement and Birmingham City Council's Be Birmingham document. A scenario planning and strategy workshop is planned for later this year,

#### **d) Monitoring and process documentation**

*Is monitoring in place to track learning alliance outcomes? Are you using the monitoring and evaluation indicators developed in Accra in December 2007 to monitor progress? Are process documentation techniques being used? What process documentation products have been produced to capture how things have changed and why?*

A city review was carried out by Accra's facilitator to assess the progress Birmingham has made. Efforts are being made to write up process documentation in line with the above document. In the past quarter, only one meeting has been held, and was on the City Water Scoping Model. The next meeting is planned for the 29<sup>th</sup> May 2009, and will also be largely on City Water. At this meeting it is anticipated that there will be more tangible outcomes and will be form part of the process documentation. *A review of the*

*activities over the past quarter will be undertaken in June 2009. It would be useful for this to be reviewed by IRC and provide feedback.*

**e) City level communication**

*Have effective mechanisms been established for communication between learning alliance members. Describe these. What still needs to be done? Has a city website been developed?*

A City Website has been created and active for approximately 1.5 years, <http://switchbirmingham.wordpress.com>. Individual researchers maintain part of the site, but most information is uploaded by the facilitator. The site is used to give the LA access to outputs from SWITCH, to advertise events and to allow the wider community to learn about SWITCH activities. The website has been used by the wider public to make contact with researchers on specific issues. It is not a means of two way communication between the LA. Most communication is done via email, there is a distribution list, or telephone conversations/face to face meetings. A blog site is not believed to be the optimum communication media for the Birmingham LA. This is for a number of reasons including access to blog sites being restricted in some offices. We do not see this as problematic or something we should spend time encouraging. Many members are familiar enough with one another to telephone/email, and similarly contact with researchers/facilitator/coordination is usually carried out via email to communicate specific information.

Meetings are minuted and comments are passed directly to those responsible.

A presentation was given to CIWEM from the facilitator on her experiences (see later).

**f) Guidelines and SWITCH publications on learning alliances**

*Have you read or used any of the briefing notes and other papers available at [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances) (guidelines are under capacity building)? Where these useful and how have they been used? What additional guidelines would be useful for your work? Would you like to contribute to a joint paper or prepare a briefing note based on an aspect of your own work?*

Yes, the briefing notes in particular have been used, and proved helpful especially for the stakeholder analysis and process documentation.

**5. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important including workshops or events, key feedback you have received from learning alliance members etc.*

The main event in the past quarter has been the City Water meeting at the University of Birmingham in February. This was the first opportunity the LA had had to review the

models appearance, outputs, inputs and limitations. At this time, the model was not operational but there were good discussions around the model and what the LA could provide in terms of knowledge. Two meetings are planned for the end of May, one which the Coordinator/Facilitator will attend in conjunction with the City Water team to discuss the technical aspects of the model, and the second will have the LA in attendance to input further into the development of the model.

A paper was presented at the Chartered Institution of Water and Environmental Management (CIWEM) Dr. Jenkins Memorial lecture on the Birmingham Learning Alliance by the Facilitator. This was well received and sparked much debate and discussion on the way water is managed in our cities. There was much interest in the work being done, but those who are aware of the SWITCH project were eager to see outcomes from the project. Some felt that a technological solution would have a bigger impact than social drivers. It will be increasingly important that we effectively manage the knowledge transfer between research and industry if the lessons of SWITCH are to be effectively used.

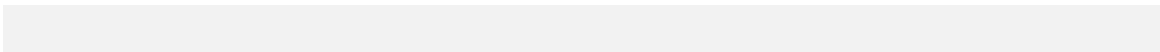
In addition, A new city coordinator has come into the role and we are currently providing assistance in terms of planned events, research and demonstrations in Birmingham and the wider work of SWITCH.

## **6. Future plans**

*Mention planned learning alliance activities in the next 3 months (to August 2009) that you will be focusing on. Highlight any changes expected from your plans (city storyline and learning alliance workpackage description).*

1. City Water Meeting-28<sup>th</sup> & 29<sup>th</sup> May 2009
2. LA meeting to discuss City Water and wider Birmingham activities 29<sup>th</sup> May 2009
3. Visit to brown roof demonstration June/July 2009
4. Meeting on the research outputs from the hyporheic zone and/or virus transfer in aquifers-August 2009
5. Scenario planning and strategy workshop October 2009

At the May City Water Meeting, some of these dates will be finalized with the LA, together with the location of them. Most meetings are held at the Arup offices, or at the University of Birmingham. It was broached that it may be useful to have the meeting locations rotated around various offices of the LA.



## SWITCH Learning Alliances progress report: Cali

Name of city: Cali  
Form completed by: Alberto Galvis / Diana Paola Bernal  
Date: May 14, 2009  
Covering period from: February 2009 to: May 2009

### 1. Specific items to be addressed in this report:

#### a) Building an LA facilitation team

*Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that your institution is charging SWITCH for their time (we need this to check against the budget you have been allocated and be able to plan for budget shortfalls). You may mention any gaps you have in your time or changes anticipated.*

The team of the SWITCH Project in Cali which deals with the activities including the Learning Alliance and the demonstration city aspects is led by Cinara Institute of Universidad del Valle, under the coordination of Eng. Alberto Galvis. Diana Paola Bernal and Diana Amparo Cardona are the facilitators. The third part-time facilitator Diana Alexandra Zambrano is participating in the MSc programme in Sanitary and Environmental Engineering. She is developing her thesis in a topic related with the Expansion Zone of the South of Cali, one of the three work themes of the Learning Alliances of Cali.

Diana Paola Bernal is working complete time by month; while Diana Amparo Cardona and 1 auxiliar personal is medium time by month.

The core team counts with support from auxiliary personnel that assist in the development of the different activities. Other Univalle experts provide inputs in specific subject areas, especially Dr. Ines Restrepo and staff from the Communication and Education for Development Group of Cinara.

The activities of the Learning Alliances are also supported by Dr. Jan Teun Visscher, who is representing the IRC.

The core team should be strengthened by the activities of the next two years. It is also essential to include professionals from other fields of expertise such as communication and socio-economic development and to strengthen the involvement of key actors of other organizations in Cali.

Experts will be included gradually insomuch as the activities and the process of consolidation of the Learning Alliances need their expertise, in 2009 we are planning to include an expert in social topics.



## **b) Mapping stakeholders**

*A key initial task was to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March 2007 in Lodz. Please summarise progress with your stakeholder analysis.*

Cali became a demo city in 2008, in response to the positive results with learning alliance development that were obtained even though staff did not attend the preparatory courses held in January and March of 2007 in Cairo, Egypt and Lodz, Poland. This was compensated by direct support from IRC. The results of these efforts are reflected in the report: Stakeholder Analysis: Plans, Programmes and Projects Related with the Learning Alliances”. This report includes the historical background of the evolution of the Learning Alliances resulting from the work done by Universidad del Valle with different institutions; an analysis of the legal and political context of the different plans, programs and projects developed by the member institutions of the Alliances. It also presents synergies, gaps and conflicts existing in current plans, an analysis of some important projects and provides a number of remarks and recommendations.

This report is published on the website of the Learning Alliances of Cali <http://switchcali.wordpress.com/> and presented to different members of the Learning Alliances of Cali.

## **c) Vision and organisation**

*Does your learning alliance now have an agreed objective? Please describe that objective. Were the visioning and scenario building exercises useful in establishing or clarifying the objective? Are rules and procedures for the functioning of the group with clear agreements on the commitments to be made by the SWITCH project and the participants now in place?*

The learning alliances for Cali contribute to the search of sustainable solutions for the city’s water management particularly by promoting team work among the different actors and enhancing access to information and learning.

In 2008 3 workshops were held (May 14, May 21 and November 19) in which the members of the Learning Alliance developed a vision and proposed scenarios and activities for each of the 3 main thematic areas that were identified by them: 1) Drainage System in the South of Cali, 2) Water Quality of the Cauca river and its impact on the water supply system of Cali and 3) Water and sanitation services development in the future expansion areas in the South of Cali. These visions and scenarios are now being adjusted in order to better stimulate paradigm shifts and innovation.

See the Annex 1, which contains the vision for each one of three alliances. The joint fine-tuning of these scenarios and the development of practical actions needs further support in 2009, as actions need to be embedded in the strategies and activities of the key actors in the sector in Cali. In addition to LA workshops, several meetings were held in 2008 (and are planned for 2009). In these meetings the core team of Universidad

del Valle will discuss the visions and scenarios for water management in Cali, with professionals of the institution members of the Learning Alliances.

**d) Monitoring and process documentation**

*Is monitoring in place to track learning alliance outcomes? Are you using the monitoring and evaluation indicators developed in Accra in December 2007 to monitoring progress? Are process documentation techniques being used? What process documentation products have been produced to capture how things have changed and why?*

The core team is more conscious about the importance of the monitoring and process documentation. All activities made in the framework of the Learning Alliances (meeting, workshops, interviews, seminars, mails, etc) are documented and it is published in the website. This activity is a continuous process, but additional inputs are needed to properly systematize the experience.

Process documentation of Learning Alliances of Cali is in preparation with support by Dr. Jan Teun Visscher.

**e) City level communication**

*Have effective mechanisms been established for communication between learning alliance members. Describe these. What still needs to be done? Has a city website been developed?*

Communication is an important aspect of the learning alliance process in Cali. This includes inter-personal communication (bilateral meetings, workshops, forums and e-mail correspondence) and through the website.

The website of the Learning Alliances of Cali (<http://switchcali.wordpress.com/>), is a key element to share information and keep all members as well as others informed.

Also other tools are used to promote the learning alliance particularly among the relevant institutions. These tools include a brochure and a poster that were developed in 2008.

**f) Guidelines and SWITCH publications on learning alliances**

*Have you read or used any of the briefing notes and other papers available at [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances) (guidelines are under capacity building)? Where these useful and how have they been used? What additional guidelines would be useful for your work? Would you like to contribute to a joint paper or prepare a briefing note based on an aspect of your own work?*

The core team is continuously has reviewed all the publications on learning Alliances that are available on the website. This has helped them to identify key aspects that support the consolidation process of the Learning Alliances of Cali.

The team is particularly interested in some areas of information that relate to conflict resolution, social inclusion and emerging experience with visioning and strategic planning.

## **2. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important including workshops or events, key feedback you have received from learning alliance members etc.*

- a. During the visit to the Netherlands in April, 2009, Alberto Galvis, coordinator of the SWITCH Project and the Learning Alliance at Universidad del Valle, had meetings with SWITCH project manager (C. Howe) and the managers of the WP 1.1, 5.3 and 6.2 (P.van der Steen; D. Rousseau; J. Butterwoth) to discuss the planned activities for 2009 and 2010.
- b. An important meeting was held in March, 2009 with professionals of the Housing Department of Comfandi, to present SWITCH project and the Learning Alliances and explore the possibility of developing a forum on the need for a paradigm shift in IWRM for professionals and partners of Comfandi. It is the intention to implement this forum to create the awareness among the participants and share experience about new technological trends in water resources management.
- c. Three articles were published in El País, the most important newspaper in the south of Colombia. The first one was published on March 22, Alberto Galvis was interviewed about water problems in Cali and the SWITCH Project; the second one was published on April 5, 2009, written by Alberto Galvis "Water is sustainable", which addressed the main problems related with water management in Cali and strategies of the SWITCH project to search for sustainable solutions. The other concerned an interview that was published on April 17, 2009 addressing "The "Switch" that will change the water quality of Cali".
- d. Alberto Galvis and Diana Paola Bernal participated in the "Forum of Water: searching solutions and joining hands for water management in Cali". May 5, 2009.
- e. Meeting with key professionals of institutions to explore how to strengthen the activities that were identified in the visioning process and how to link this with the operations of the different actors.
- f. Two projects were initiated: Sentinel (dealing with an early warning system) and the Reservoir Project to bridge periods with low water quality in Cauca River. Both projects are supported by EMCALI and Universidad del Valle, and include participation of other institutions such as CVC, DAGMA, and CRC.

- g. Definition of several MSc thesis on topics related to the themes of the Learning Alliances of Cali
- h. Regular updates of the website of the Learning Alliances (<http://switchcali.wordpress.com/>.)

### **3. Future plans**

*Mention planned learning alliance activities in the next 3 months (to August 2009) that you will be focusing on. Highlight any changes expected from your plans (city storyline and learning alliance workpackage description).*

In the continuation of the activities of the Learning Alliances in 2009, a stronger symbiosis will be made between WP 6.2 and WP 5.3 as well as with other projects of the member institutions of the alliances.

Activities proposed for the next three months (subject to available funding) include:

- Continuation of the meetings of professionals of the institutions of the Learning Alliances
- Workshop in May/June, to fine-tune the visions, scenarios, and activities for each of the three Alliances based on a discussion of progress made in 2008 and the first months of 2009.
- Preparation and broadcasting a radio program about Integrated Water Management and the implementation of SWITCH concepts in the activities proposed for the water management in Cali.
- Organization of the seminar “New paradigms on Integrated Water Management in urban areas” in the framework of the international event: AGUA 2009 in November 9-13, 2009 in Cali, Colombia. (<http://www.agua2009.info/>)
- Internship of Andrea Gaviano from UNESCO-IHE in Universidad del Valle concerning issues related with the expansion area in the south of Cali.
- Continued updating the website of the Learning Alliances of Cali (<http://switchcali.wordpress.com/>.)

## **ANNEX 1. VISIONS CALI**

As the result of the work made by the members of the Learning Alliances of Cali in workshops and meetings, were proposed the following visions.

### **General Vision of Cali**

Cali will apply water resources integrated management with the participation of all its stakeholders.

### **South Drainage System in the city of Cali - 2040 Vision**

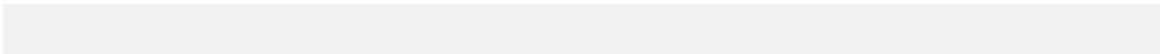
Cali's South drainage system will be recovered in environmental and landscaping terms, and its water quality will comply with the requirements to be used as a drinking water source, not having floods.

### **Water quality in the Cauca River and its impact on the supply system of Cali - 2040 Vision**

The Cauca River permanently complies with the requirements to be used as a water source (quality and quantity).

### **The Expansion Area of Cali towards the South, with the possibility of the inclusion of innovative strategies - 2040 Vision**

The zone has public services (water, sanitation, drainage) based on a domiciliary infrastructure having environmental sustainability and in harmony with the landscape configuration, showing respect for forest and lake areas.



## SWITCH Learning Alliances progress report: Lodz

Name of city: Name **Lodz**  
Form completed by: Name **Monika Dziegielewska-Geitz** Date: **15<sup>th</sup> May 2009**  
Covering period from: February 2009 to: May 2009

### 1. Specific items to be addressed in this report:

#### a) Building an LA facilitation team

*Please explain **who** is involved in facilitating your learning alliance, summarise their Terms of Reference (you can attach the full ToRs for their employment), clearly mention the number of days being worked per month on learning alliances tasks by that person or persons, and provide the correct rate (monthly in Euros) that your institution is charging SWITCH for their time (we need this to check against the budget you have been allocated and be able to plan for budget shortfalls). You may mention any gaps you have in your time or changes anticipated.*

The Lodz Learning Alliance is facilitated by Monika Dziegielewska-Geitz appointed in November 2006. The building of the Lodz learning alliance facilitation team has been happening gradually since May 2006. The facilitation team also includes the City Coordinator – Iwona Wagner and Kinga Krauze, supporting Monika Dziegielewska-Geitz with communications and the learning alliance development.

The following meetings of Learning Alliance took place since January 2008:

- January 2008 – Visioning Workshop
- July 2008 – Scenario-Building Workshop
- December 2008 – Natural Systems and Sustainable Stormwater Management Workshop
- April 20<sup>th</sup> 2009 – Training Workshop on “Sustainable Stormwater Management for the City of the Future” with application of software and financial instruments
- April 21<sup>st</sup> 2009 – LA Decision-makers level meeting at the Waterworks and Sewage Company (ZWiK) on Sustainable Stormwater Management in Lodz

Several face to face working meetings with particular LA members or their groups, representing particular interests and/or regarding particular issues (e.g., meetings with the City Office representatives, planners, engineers, developers, WWTP staff, others). There are constant on-going face-to-face meetings with stakeholders key to specific parts of the progress of the process, and they have intensified with the introduction of the concept of the Blue-Green Network developed by the SWITCH Lodz Champion – Professor Maciej Zalewski as well as the team of the International Institute of the Polish Academy of Sciences – ERCE u/a UNESCO – and presented to the Mayor of Lodz at a conference “Lodz – the City of the Future” organized by the Municipality of Lodz in Dobieszkow on February 2009.

The LA Facilitator has been working approximately 40 hours per month at the rate of approx. 700,- euros (3000,- PLZ) per month.

The supporting staff of the facilitation team is involved on the basis of temporary contracts per specific service. The costs for the additional staff since January 2008 has been app. 500 euro.

## **b) Mapping stakeholders**

*A key initial task was to complete a stakeholder analysis. Guidelines for this were given in learning alliance briefing note #2 and training given at the LA facilitation courses in January in Cairo and March 2007 in Lodz. Please summarise progress with your stakeholder analysis.*

The initial stakeholder analysis has conducted in two rounds – a participatory activity in a LA workshop in March 2007 and an analysis of the water sector by the LA facilitator based on collected reference information and interviews with selected LA stakeholders, the document is still in need for participatory completion. It has been decided by the SWITCH project city coordinator and the LA Facilitator that a team called “Stakeholder Analysis Task Group”, which includes the Sub-department for Infrastructure of the Municipal Management Department of the City of Lodz Office, the Lodz Infrastructure Company (LSI), the Waste Water Treatment Plant (GOS), the Waterworks and Sewage Company (ZWIK) and the Voivodship Company for Melioration and Maintenance of Water Infrastructure (WZMiUW), was formed in August ‘08 to ensure the participatory and expert overview of the water sector in Lodz. The process was facilitated by the LA facilitator, and was completed by end of September 2008. The stage of the development of the LA before the Visioning/Scenario-building Workshops was still in the trust-building phase, and now it seems mature/advanced enough to ensure participation of the stakeholders in working on the SWITCH documents.

Upon consultations with the above mentioned “Stakeholder Analysis Task Group” the Stakeholder Analysis was submitted to the SWITCH workpackage leader, John Butterworth in September 2008.

## **c) Vision and organisation**

*Does your learning alliance now have an agreed objective? Please describe that objective. Were the visioning and scenario building exercises useful in establishing or clarifying the objective? Are rules and procedures for the functioning of the group with clear agreements on the commitments to be made by the SWITCH project and the participants now in place?*

In the Visioning Workshop I, held on 17-18<sup>th</sup> January 2008, run by the facilitation team involving Dr Iwona Wagner – city coordinator, Monika Dziegielewska-Geitz – city facilitator, and Dr Kinga Krauze – supporting member of the facilitation team, as well as Barbara Gortat of the Sub-department of Infrastructure of the City Office, the Lodz Learning Alliance created a vision for Lodz in 2038 related to water management yet also referring to the city’s overall sustainable development:

### **VISION: Lodz 2038 - „Lodz Uses Its Water Wisely”**

The city’s resources management is based on an efficient and integrated system ensuring access to information for all. Investors and authorities respect ecological properties of land and waters. Infrastructure serves the functions and requirements of an environmentally secure city, is reliable, meets the needs of all the city’s population and assures good status of aquatic ecosystems. Green areas - river valleys along open



corridors – provide space for recreation and are the ‘green lungs’ of Lodz. The application of ecological biotechnologies and the population’s common and in-depth ecological awareness contributes to exceptional quality of life. Our city is a leading centre for innovation, education and implementation in Poland.

After the vision was created, the participants moved on to working towards scenarios and strategies, therefore defining common objectives. The facilitation team had been trained by Charles Bachelor and John Butterworth in January 2008 and in April 2008 to facilitate the Visioning Workshop and the Scenario-building Workshop on their own – which can be viewed as an example of capacity building within the LA. In the workshop they were received by the Learning Alliance as competent enough to work with the methodology. The Scenario-building workshop was held on 17<sup>th</sup> July 2008 to review the vision, narrative scenarios and strategies produced in the Visioning workshop.

The Visioning and scenario-building exercises were very useful in establishing objectives and clarifying challenges and opportunities, leading to awareness that activities towards building strategies and plan for IUWM need to be structured and done by a group of stakeholders. The rules and procedures for the functioning of the group are still being worked on towards ensuring commitments to be made by the SWITCH project and their stakeholders to ensure its success and sustainability.

Between the period of January 2008 and May 2009 the Vision have been disseminated widely and it has become an integral part of the overall regeneration processes, often quoted and referred to by the Lodz LA members. The development of the vision – which reflects the needs and envisioned outcomes related to water, environmental and general city management - has among others contributed to the development of concept of the Blue-Green Network, which is becoming key concept in changing the approach to spatial planning in Lodz, specifically background to the development of the new instructions regarding the spatial planning in Lodz, called “Studium Zagospodarowania Przesterzennego”, developed by “Spolka TEREN”.

The visioning process and the Learning Alliance process in general so far have proved highly useful for streamlining, focusing and adjusting the process of paradigm shift towards Integrated Urban Management.

The SWITCH Lodz city plan for 2009 includes a training workshop in strategic city planning, which is aimed to lead to the process of developing the strategic integrated water resources management plan harmonized in the masterplan for water and sewage management in Lodz, currently developed by HALCROW, who has become the LA Lodz Member. The Vision 2038 has been shared with HALCROW to ensure the company’s awareness of the stakeholders’ needs and recommendations.

#### **d) Monitoring and process documentation**

*Is monitoring in place to track learning alliance outcomes? Are you using the monitoring and evaluation indicators developed in Accra in December 2007 to monitoring progress? Are process documentation techniques being used? What process documentation products have been produced to capture how things have changed and why?*

First M&E was conducted in January 2008. The current M&E phase will be conducted by e-mail, where micro-scenarios based indicators developed in Accra in 2007 will be evaluated by each LA Member organization and integrated by June 15<sup>th</sup>.

Process documentation involves ongoing workshop reports, e-mail records, blog (<http://switchlodz.wordpress.com>), notes on Facebook through the created Lodz Learning Alliance Process Documentation Group (link: <http://www.facebook.com/group.php?gid=52332416966>), RTD reports, film.

#### **e) City level communication**

*Have effective mechanisms been established for communication between learning alliance members. Describe these. What still needs to be done? Has a city website been developed?*

The city website has been established serving the information exchange purposes as well as database for reports and outputs of the Learning Alliance activities. The information exchange is also coordinated by the LA facilitator who remains in constant contact with the LA members by phone, e-mail or directly. Any consultations regarding reports or document such as letters to authorities are being consulted with the LA Members, who introduce their changes and make suggestions or comments to be considered. The inter-stakeholder communication as perceived by the facilitation team as most effective so far is their direct contact in workshops both in group work and in the plenary. The website serves as a general information platform and is considered by the LA Members as very useful. There's much more improved communication between stakeholders involved in particular selected areas such as stormwater management, also coordinated/facilitated/supported by the SWITCH Lodz team. At this stage the stakeholders often contact the SWITCH Team in contrast to the time from before January 2009 when the SWITCH Team was the side initiating communication in majority of cases.

#### **f) Guidelines and SWITCH publications on learning alliances**

*Have you read or used any of the briefing notes and other papers available at [www.switchurbanwater.eu/learningalliances](http://www.switchurbanwater.eu/learningalliances) (guidelines are under capacity building)? Where these useful and how have they been used? What additional guidelines would be useful for your work? Would you like to contribute to a joint paper or prepare a briefing note based on an aspect of your own work?*

The briefing notes have regularly been read and used as basis for the LA activities by the Facilitation team. They prove very efficient guidelines for the process and the activities.

## **2. General progress**

*Please summarise activities, outputs or impacts that you consider important during the reporting period. Check progress against your city storyline and learning alliance action plan, and the summary of workpackage 6.2 tasks in the description of works. Highlight what you think is important including workshops or events, key feedback you have received from learning alliance members etc.*

### **2a Linking SWITCH to revitalization, redevelopment and spatial planning/development processes in the city – Development of the Concept of the Blue-Green Network**

In February 2009 the concept of the Blue-Green developed by Prof. Maciej Zalewski and the team at the II PAS – ERCE u/a UNESCO network was first presented at a conference in Dobieszkow organized by the Mayor Lodz called "Lodz – the City of the Future". It is

a new concept of urban space development, complementary to the traditional city planning concept of a green belt around a city. It intends to use the existing, and where possible, rehabilitated city rivers system and green areas (agricultural areas, parks, wastelands, degraded areas), as a basis for economic and spatial organization. It maintains continuity of ecological processes within the city providing the following benefits:

- improvement of the quality of life and health of its inhabitants,
- improvement of the quality of the environment and lower costs of city management and maintenance,
- improvement of the quality of the environment and sustainable development,
- improved ecological and public safety, reduced social costs of diseases and creating conditions for sustainable development as provided in the UN Agenda 21, also referred to by the Lodz City Council and the Municipality of Lodz as integral part of the city's environmental policy.

Information about the Blue-Green Network has been disseminated by the local media patrons – “Gazeta Wyborcza” and TVP Lodz.

### ***2b Towards sustainable stormwater management process in Lodz***

Two workshops on sustainable management as well as a meeting with decision-makers were held on April 20<sup>th</sup> and April 21<sup>st</sup> 2009, resulting in taking action towards incorporating sustainable management technologies, tools, instruments and policies into the city of Lodz management (see below). In April 2009 Dr I. Wagner held a presentation on Sustainable Water Management for the Committee for Environmental Protection of the City Council.

On April 21<sup>st</sup> 2009 a breakthrough meeting of decision-makers regarding sustainable stormwater management was held at ZWiK (Waterworks and Sewage Company) with the decision-makers representing the LA Member organizations key to stormwater management, with guest SWITCH expert Dr Heiko Sieker

#### **The meeting ended with the following conclusions and recommendations for the next steps:**

1. **Developing demo projects** for sustainable stormwater management in public sites, which would serve as educational-information field. An application to the City Council to identify such sites should be submitted. Attempts to obtain funding for the demonstrations from other sources should be made. (ERCE, Lodz Infrastructure Company, ZWiK);
2. An application to the **Plan for the Conditions and Directions for Spatial Development of Lodz** will be written and submitted (ERCE, until the end of April 2009);
3. Petition to the Mayor of Lodz and formulation of instructions regarding stormwater management within the **Sports-Recreation-Conference Centre** will be submitted by Dr Iwona Wagner.
4. **Instructions** for stormwater management for new investments for **decision-making regarding building conditions** will be formulated (developed by ERCE and consulted with the meeting participants);

5. A letter of request to call for a **Special City Council Session** on stormwater management within the City of Lodz will be submitted to the Mayor and the Chairman of the City Council. (written by ERCE and consulted with the meeting participants);

**The following documents as the follow-up of the meeting have been developed:**

- Instructions/recommendations regarding sustainable stormwater management to the “Studium” for spatial development of Lodz,
- Instructions/recommendations regarding sustainable stormwater management for the Sports and Events Hall in Lodz.

***Furthermore...***

- In May '09, a meeting by Dr Iwona Wagner, Monika Dziegielewska-Geitz and Dr Kinga Krauze with the Project Manager of **HALCROW** (Mr Mariusz Slezak), a company in charge of developing the Masterplan for water and sewage management in Lodz was held to encourage collaboration between the SWITCH LA and HALCROW in order for HALCROW to acknowledge the vision, identified needs, challenges and recommendations elaborated in the course of the SWITCH Lodz LA process in the development of the Masterplan, including the alternative sustainable stormwater management solutions and taking into consideration SWITCH's efforts towards integrating water management in Lodz.

***2c Collaboration with stakeholders on rivers-related issues***

- The Department of Environmental Protection and Agriculture of the City of Lodz Office invited the scientists from the International Institute of the Polish Academy of Scientists – European Regional Centre for Ecohydrology u/a UNESCO to develop the inventory of the Lodz rivers.

- The Department of Environmental Protection and Agriculture of the City of Lodz Office invited the scientists from the International Institute of the Polish Academy of Scientists – European Regional Centre for Ecohydrology u/a UNESCO to develop instructions for the Brzoza river, a tributary of the Sokolowka river. The area is partly subject to environmental protection, it will be publically accessible. The site will be an example of a partnership between the public, private investor with the expertise of the scientists to ensure maintaining the sites ecological values.

***2d Presentations at conferences***

**1. SWITCH Lodz LA presentation at a seminar in Sao Paulo organized by the Municipality of Sao Paulo and the IIE of Sao Carlos (Director: Prof. Jose Galizia Tundisi)**

Monika Dziegielewska-Geitz presented the Lodz SWITCH Learning Alliance concept and progress at a conference on “Ecosystem Services” in Sao Paulo in March 2009

**2. SWITCH Lodz LA presentation at the 5<sup>th</sup> World Water Forum in Istanbul, March 2009**

Monika Dziegielewska-Geitz presented the Lodz SWITCH Learning Alliance progress at the Session of Multi-stakeholder Platforms at the 5th World Water Forum in Istanbul in March 2009

**3. SWITCH LA presented at UNITAR Seminar in Plock**

Monika Dziegielewska-Geitz presented the Lodz SWITCH Learning Alliance concept and progress at a conference on “Improving Water Governance for Better Service Delivery” in Plock (Poland) in March 2009

**4. SWITCH presented at “Post-industrial cities in search of a new identity. Europe for Citizens 2007-2013” conference organized by the City of Lodz Office and the cities of Tampere, Chemnitz and Lodz**

Monika Dziegielewska-Geitz presented the Lodz SWITCH project at a conference on transformation of post-industrial European Cities held in Lodz in April 2009

**5. SWITCH presented at the Future Cities Forum organized by European Renaissance in Brno**

Monika Dziegielewska-Geitz presented the Lodz SWITCH project at a conference on the Future of Cities in Brno in April 2009

***2e Collaboration with NGOs***

New NGOs joined the Lodz LA on the occasion of the Blue-Green network development launch, such as ZRODLA, GPO, “Lodz on Bicycles”, the first workshop meeting was held on April 14<sup>th</sup> 2009.

***2f Published articles and book chapters:***

- 2 newspaper articles on the Blue-Green Network in connection with the SWITCH project in the regional issues of the largest in circulation national newspaper “Gazeta Wyborcza” written by Aleksandra Hac were published in April 2009,
- An article with an interview with Prof. Zalewski mentioning the Blue-Green Network in connection with the SWITCH project was published in the local newspaper “Ekspres Ilustrowany”.

**6. Future plans (May/June 2009 – August 2009)**

*Mention planned learning alliance activities in the next 3 months (to August 2009) that you will be focusing on. Highlight any changes expected from your plans (city storyline and learning alliance workpackage description).*

- 1. ICLEI – IUWM Training:** Executive Seminar/Module A-1/A-3 in April, Strategic City Planning (ICLEI, Tel Aviv) Initially scheduled for April 2009 has had to be rescheduled because of the Tel Aviv counterparts availability, Executive Seminar on WP 1.1
- 2. Strategic planning,** Backstopping support from SWITCH for the next steps of the water strategy building to lead to a development of a Short Strategy Document for Water Management WP 1.1, WP 6.2 - the Lodz LA Team trained about the next steps of the Strategic Planning Process; May/June 2009
- 3. Special Session at the City Council on Sustainable Stormwater Management,**

before July 2009 as requested by SWITCH Lodz coordinators on behalf of the LA Decision-makers after April 21<sup>st</sup> meeting at ZWiK on Sustainable Stormwater Management

4. **2<sup>nd</sup> round LA Monitoring & Evaluation**, until 15<sup>th</sup> June 2009
5. **Series of meetings with LA and experts for Strategy Building** to create scenarios as a follow-up after the visioning workshop according to the visioning methodology provided by SWITCH WP 1.1, WP 6.2 - building the demand-led research basis for the strategic document; June 2009 till June 2010
6. **Strengthening the activities on higher level in the City Office and nationally** - presentations and meetings with key LA stakeholders on the City to harmonize SWITCH activities/Learning Alliance workshops.
7. **WP 6.2 ongoing**
8. -Invitation to **participate** in the Executive Seminar on Strategic City Planning outcomes, such as the Vision 2038 – “Lodz Uses Its Water Wisely” and integrate into the ongoing/future activities/projects/strategic plans in the water sector. Sustainable and restorative developments on the municipal level – strengthening collaborations with the Mayor, City Council, City Office Departments for Spatial Planning and Heritage Protection, Strategy and Analysis, Environmental Protection, Lodz Infrastructure Company, MPU – Plan for the City Spatial Development, ZDiT – Board for Roads and Transport;
9. **Dissemination** of information to the Lodz citizens regarding SWITCH through Members of the City Council, through participation in the Council Meetings and distribution of the dissemination materials through the City, ongoing, WP 6.2
10. Taking action to prevent waste disposal into the Sokolowka river and the reservoirs engaging the local communities, together with the City of Lodz Office – the time and specific activities/events to be held are to be determined in a meeting still in the summer 2009 (the activity has been delayed because of the Blue-Green Network – naturally the above planned action could be linked to the promotion of the development of the network among the inhabitants, WP 5.3

## ***SWITCH Learning Alliance progress reporting for the period August to July 2009***

*Synthesis of reports submitted to IRC by 18 September*

### **SWITCH Learning Alliances progress report: ACCRA**

<i>Name of city:</i>	<b>Accra</b>	
<i>Form completed by:</i>	<b>Bertha Darteh</b>	<i>Date:</i> <b>24<sup>th</sup> August, 2009.</b>
<i>Covering period from:</i>	<b>April 2009</b>	<i>to:</i> <b>end July 2009</b>

#### **1. Progress on stakeholder involvement and LA development**

##### **a) Building an LA facilitation team**

There is a steering committee for the Learning Alliance (LA) in Accra (with membership from implementing partners in Ghana, IWMI, KNUST and a local NGO, TREND). The City Coordinator is Prof. Mrs. Esi Awuah (KNUST) (Input 3 mandays a month). The LA facilitator is Ms Bertha Akosua T. Darteh (KNUST) (input 10 mandays in a month @ 1000 eurs). Up to the end of July, 2009, there was an assistant facilitator, Mr. David Assan (input 18 mandays @ 500 eurs) who was supporting the work of the facilitator. Currently there is no replacement for him. Efforts will be made in the next couple of months to engage an assistant (if agreed by SWITCH Manager and city coordinator).

##### **b) Mapping stakeholders**

The stakeholder analysis was completed in Q1, shared and included on Accra Starter Kit CDRom. An institutional mapping exercise was conducted and initial findings were shared with members of the Accra learning alliance (4<sup>th</sup> Accra LA general meeting). Members of the LA were of the view that more stakeholders could be added to the LA. These include the National Development Planning Commission (NDPC) and other district assemblies that border the Accra and have a direct impact on water in Accra . Together with the AMA they form the Greater Accra Metropolitan Area (GAMA). The Ghana Statistical Service has also been added to the Learning Alliance.

##### **c) Vision and organisation**

In March, 2007 the members of the LA developed a vision, which was refined in August, 2007. Following further studies strategic directions based on the vision were identified in May 2008. In June 2009 the vision was further refined, taking into consideration the findings from the RIDA exercise and situational analysis that were conducted in Q1. The refined **vision** is as follows:

- *100%access to uninterrupted water supply (under discussion/construction)*
- *20-25% losses (physical and commercial losses) in GWCL operations; Quality of water meets Ghana Standards Board criteria*
- *Improved productive uses of water for livelihood (micro enterprises and agriculture)*



- *Accra is a cleaner city with good drainage systems*
- *Collection of solid waste will be 90%.*
- *Accra will separate its solid waste*
- *Integrated solid waste management (Collection, transport treatment and final disposal) of solid waste in a sustainable way.*
- *80% of its citizens practice good sanitation behaviours and willingly pay for waste management*
- *70% reduction in water and sanitation diseases*
- *80% acceptable level of sanitation facilities*

The objective of the LA is to develop a Strategic Plan for Integrated Urban Water Management for implementation. As part of discussions in this direction a Working Group was restructured during the last LA general meeting in June, 2008. Letters of intent showing the commitment of various stakeholder institutions were also discussed. 5 key institutions including the Ministries of Water Resources, Works and Housing, and Local Government and Rural Development have presented their letters of interest nominating staff to regularly attend the LA meetings and to serve on the working group. A ToR and an action plan of activities towards the development of the strategic plan have been drawn up. There are ongoing stakeholder consultations.

#### **d) Monitoring and process documentation**

The LA activities have been documented in the form of reports. The monitoring and evaluation indicators developed in Accra in December 2007 were scored in February, 2008. A city assessment was undertaken in August 2008. Activities that have been undertaken were also captured in the city story which was developed in January, 2009. A brochure that gives the progress of learning alliances was developed and distributed to learning alliance members and other stakeholders during key sector events.. There are also pictures and a video on LA activities (link to movie on [www.switchaccra.wordpress.com](http://www.switchaccra.wordpress.com); Blogroll (Accra LA movies).

#### **e) City level communication**

Communication with City level learning alliance members is by - Email- Telephone - Stakeholder visits

Over the past few months there have been considerable improvements in the response of LA members to email communication. This is the result of regular interaction with stakeholders at sector meetings and stakeholder visits. Stakeholders were also encouraged to take active part in research work such as the RIDA exercise by giving information and comments sometimes by email. There is a city website ([www.switchaccra.wordpress.com](http://www.switchaccra.wordpress.com)), a Google group and lately a Facebook group (Accra Learning Alliance). Very recently a poll has been added to the website and will be communicated to LA members for their responses. This could be used in a way to monitor visits to the site and get feedback from LA members

#### **f) Guidelines and SWITCH publications on learning alliances**

Briefing note 2 provided good guidance for the stakeholder analysis and it helped especially with the analysis of information and report writing. Briefing note 6 has been

used in developing ideas for process documentation in Accra. Briefing note 7 was used to develop an initial framework for monitoring in Accra before the final indicators were done in December, 2007. This served as a guide and reminded us of the objectives and activities that are to be achieved. Briefing note 13 has been used as reference to carry out a RIDA exercise in Accra. Based on the RIDA and Institutional Map, the local LA team will work with IRC (Marieke Adank, Joep Verhagen and Patrick Moriarty) to develop a briefing note presenting the methodologies used and the key findings of institutional mapping (IM) and RIDA exercises.

## 7. General progress

The key activities for the first part of 2009 were centered on finalizing the IM and RIDA exercises. The initial findings were shared with the stakeholders in Accra during the 4<sup>th</sup> LA meeting (June 23-24, 2009) for validation (link to presentation: <http://switchaccra.wordpress.com/workpackages/>). During this time, there were a number of consultative visits to stakeholders. In response to discussion points arising from the LA steering committee the following were done:

Issue Raised	Action Taken
LA members need to be updated on the progress of the LA and be reminded of the future activities that are to be undertaken	Progress brochure was developed (find link to doc below)
LA activities need to have more institutional commitment, consistency of participants	This was discussed at 4 <sup>th</sup> LA meeting and letters of intent were developed. 5 letters have so far been received
There should be more structured communication with LA members	Stakeholder consultations have been planned
Policy makers should be included more actively in the process	Policy makers' forum has been planned. City coordinator is also to lead further consultations with stakeholders.

The main objectives of the 4<sup>th</sup> Accra LA general meeting were to present to LA members the activities that have been undertaken and to get commitment for the rest of the LA process. In July, 2009, the learning alliance facilitator took part in the annual water and sanitation conference in Ghana which is organized by the sector NGOs in Ghana. Together with other projects using the learning alliance approach, a sector learning talkshow was organized during which the SWITCH project was presented. The talkshow was hosted by one of the known journalists in Ghana and was described by participants as a very innovative way of presenting Learning Alliances (and related projects).

Key areas of progress over the period of April to July 2009 are:

- There is a renewed buy in to the LA vision from the stakeholders. This is due to several reasons including the fact that during the last LA meeting the vision was discussed and refined together with members. Members could identify with the direction and next steps for developing a strategic plan for the City.
- Letters of intent (commitment) have been received from several institutions
- The Working group for strategic planning has been revitalised

- There is a clear programme of action for the LA and working group
- The SWITCH project activities have been disseminated to stakeholders
- Process documentation and communication with stakeholders has been undertaken

The following are links to some documents relevant to the progress of the learning alliance

1. <http://switchaccra.wordpress.com/home/switch-accra-la-progress/>
2. <http://switchaccra.wordpress.com/event-calender-for-accra/plans-for-accra-2/>
3. <http://switchaccra.wordpress.com/2009/08/17/report-for-4th-accra-la-general-meeting/>

## 8. Future plans

For the next 3 months it is important that the level of engagement the LA has achieved be maintained.

The future plans are:

1. Continued stakeholder consultations
2. Policy makers' forum (September 2009),
3. 5<sup>th</sup> Accra LA General meeting (November 2009)
4. Meetings of strategic Working Group meetings

Stakeholders from Accra will take part in the SWITCH Global City Water Forum in Delft (October 2009.) The LA team will also be represented in the First Ghana Water Forum and WAWI sanitation confab in November, 2009. For these 2 workshops SWITCH is represented.

### SWITCH Learning Alliances progress report: Beijing

<i>Name of city:</i>	BEIJING	
<i>Form completed by:</i>	Cai Jianming, Ji Wenhua	
<i>Covering period from:</i>	February 2009	<i>to:</i> August 2009

## 1. Progress on stakeholder involvement and LA development

### a) Building an LA facilitation team

The LA facilitation team consists of five persons from the Institute of Geographical Sciences and Natural Resources Research (IGSNRR). These are: Prof. Cai Jianming, coordinator of SWITCH-Beijing (13 days/month), Prof. Liu Shenghe, training officer (13 days/month), Prof. Li Lijuan, scientific consultant (13 days/month). Two PhD students named Ji Wenhua and Li Jiuyi (18 days/month) are the LA facilitators.

Besides, some key persons from government departments, research centers and universities are participating in SWITCH-Beijing LA. They are: Zhang Tong, deputy leader from "Beijing municipal research institute of water planning", Zhou Changqing, senior engineer of "Chinese research institute of urban planning and design". Prof. Wang Hongrui from "Beijing normal university". Deputy leader Wang

Zhiping from “Beijing Agro-technical extension center”, Engineer Zuo Jianbing from “Beijing municipal water-saving center” and senior engineer Ye Zhihan from “Beijing Hydraulic Research Institute”. These persons bring together planning, policy and research expertise.

#### b) Mapping stakeholders

With the 1<sup>st</sup> Learning Alliance in Beijing (in May 2007) and a series of activities in 2008-2009, we analyzed key stakeholders in Beijing and built a relationship with them. The key stakeholders and main roles are highlighted below:

- **Beijing Water Conservation Office, Beijing Water Authority.** Policy development and water conservation planning, develop water conservation technology standard, collect water charge and impose penalties on exceeding water use, assessment and examination of main water conservation projects.
- **College of Water Sciences, Beijing Normal University.** Research on water sciences, underground water environmental protection and engineering. Key lab on water and sand research of Ministry of Education.
- **Beijing Municipal Research Institute of Environmental Protection.** The first environmental protection sciences and research institute in China. Research themes include: water pollution control technologies, water pollution control engineering, air pollution control technologies, environmental management, environment integrated protection technologies, water pollution control of industry sewage..
- **Beijing Agro-technical extension center (new in 2009).** The center is affiliated with Beijing Agriculture Authority. Its responsibilities include: demonstration, training and extension of new agricultural technologies, summarizing measures and experiences about agricultural production technologies.
- **Beijing Hydraulic Research Institute, Beijing Water Authority.** Protection of surface drinking water sources in Beijing. Through ‘the protection of Miyun Reservoir watershed’ and ‘pilot project of technical solution for the water improvement of Guanting Reservoir watershed’, the water quality of the two main surface drinking water sources and supply water to waterworks have been improved.
- **The Ministry of Water Resources.** Responsible for:
  - Administration and management of water resources, formulation of water-related policies, development of strategies and plans,
  - drafting and implementation of enabling legislation and design of water-related regulatory frameworks,
  - formulation of economic regulatory measures for the water sector,
  - drafting and review of proposals and feasibility study reports on large and medium-sized capital construction projects in the water sector.
  - provision of guidance to activities related to rural water resources,
  - responsibility for the day-to-day work of the State Flood Control and Drought Relief Headquarters.
- We also diagnosed some **other stakeholders**, by using the internet, introduction of known stakeholders and review of related papers: Beijing Water Saving Management Center, Beijing Environment Protection Authority, Beijing Gardening and Greening Bureau (collecting rainwater for plants), Beijing Drainage Group Co. Ltd.

### **c) Vision and organisation**

In May 2008, with help of Mr John Butterworth, the LA members developed a 2030 vision for the city of Beijing. In June 2009, a visioning and strategic planning workshop was held to refine the vision. The LA members are from important water bureaus, universities and research centers. Because the time frame of all urban and water planning is up to 2020, it was decided to build a 2020 vision instead of 2030 vision. The refinement of the vision is still ongoing. Some outputs of the workshop show the following elements of the vision:

- *Population growth under control, not more than 18 million*
- *The South-to-North water transfer project could provide water for Beijing as planned, more than 1 billion m<sup>3</sup>/year.*
- *The underground water table gradually stable, or even groundwater increasing*
- *The water bodies (rivers and lakes) have water in most of time of a year due to more water supply from environmental restoration, 1.2-1.6 billion m<sup>3</sup>/year comparing with around 0.1 billion m<sup>3</sup>/year now.*
- *The proportion of Tertiary industry in GDP keep rising (73% in 2008). So the water utilization efficiency will increase.*
- *Lower water loss rate in pipe, especially in new city development. The water loss rate should be controlled around 12%.*
- *Wastewater reuse rate increase. More than 0.8 billion m<sup>3</sup> wastewater will be reused per year.*
- *High Water-consumption industries will be restricted or removed out of Beijing*

The refinement of the vision will be done by Professor Cai and PhD student Ji on the basis of the opinions of the participants.

### **d) Monitoring and process documentation**

The LA activities have been documented in the form of reports. Most of them can be found on the city website:<http://switchurbanwaterbeijing.yo2.cn/>. In May 2009, IGSNRR cooperated with Beijing Agro-technical extension center to extend the demonstration sites of RWH technologies. A cooperation plan has been made to do more RWH research and to find the best model of RWH, which could save water and benefit the multi-functional agriculture's development.

### **e) City level communication**

Communication with LA members is done by phone, email, stakeholder visits and face-to-face meetings. Currently there is a city website (<http://switchurbanwaterbeijing.yo2.cn/>) All of the communication channels are useful, but the team expects that the website is more attractive and effective, because the content of the website can be browsed by lots of people.

### **f) Guidelines and SWITCH publications on learning alliances**

The visioning and scenario building training was useful and effective. This is a new methodology for most of people here to exchange their ideas and eventually agree with same objects. But, there is also a problem when using this method: it can work when all participants are at similar level. But if there is a big man in a workshop or a LA meeting,

other people will become very careful to show their opinions. So it's very difficult to decide who should be invited into LA meetings.

## **2. General progress**

The key activities since January 2009 have focused on visioning and strategic workshop and building cooperation with Beijing Agro-technical extension center. The outputs and impacts of the workshop have been mentioned above.

Finding the best RWH technologies and models for Beijing and how to scale it up is an important issue. However, only one RWH demonstration is supported by SWITCH. Fortunately, the center has helped agricultural farms build hundreds of RWH systems since 2005. It is obviously important to learn the experiences from the center and farmers who use RWH to better understand this new technology in Beijing. From field investigation of dozens of RWHs, we discovered a few problems: the structure of the RWHs is not perfect leading to low rainwater collection efficiency. The groundwater table in some place is higher than others', so the existing RWH technology doesn't suit to these places. The cost of the sealed underground pool is too high for farmers. And in some cases, the rainwater cannot be used because of water quality not satisfying the drip irrigation system, etc.. All these problems need further research to deal with. And all this work done will lead to a guideline or manual about construction and operation of RWH system in Beijing, which will be drafted and finished in 2010.

The main activities in the cooperation with the center is as follows:

- Signed a contract with the center in May 2009
- Communication by phone, email or face-to-face meetings with various stakeholders, such as farmers who use RWH, staff of suburbs' Institute of Agricultural Sciences who are responsible for RWHs' construction and monitoring.
- RWH sites chosen in ten suburb districts in Beijing
- Building data collection and monitoring system on the ten sites

Li Jiuyi, one of the PhD students supported by SWITCH, received his doctor degree in June 2009. His thesis is "Study on Water Scarcity, its Risk Assessment and Management in China". Li takes "Big Beijing" as a case to evaluate the risk of water scarcity in the area in 2020. The results from his research show that Beijing should have low risk of water scarcity in 2020 unless it faces continuous dry years.

## **3. Future plans**

- Get in touch with more stakeholders involved/ relevant to rainwater harvesting. And more workshops, meetings or presentations need to be held in 2009 and 2010 if the budget is possible
- Collect info and data on Huairou Demo and all types of Rainwater harvesting systems in Beijing.
- Further development of Beijing SWITCH Website
- Translation of materials on RWH
- Further research on agriculture water resources management in Beijing with a view to upscaling of Rainwater harvesting system in Beijing even in whole China.
- Develop a rainwater harvesting technologies and use handbook.

## SWITCH Learning Alliances progress report: Belo Horizonte

Name of city: Belo Horizonte  
Form completed by: Daniel Toledo  
Covering period from: May 2009 to: end July 2009

### 1. Progress on stakeholder involvement and LA development

Initially, Learning Alliance activities in Belo Horizonte were mainly oriented to promote the participation of neighbourhood associations, schools, the participatory budget municipal committee, the climate change committee and the Lagoa do Nado municipal park team. From 2008 strategies of stakeholder engagement were applied to engage a wider group of stakeholders in the LA. Key focus areas in Q1 and Q2 2009 have been production of a quarterly newsletter and the development of a Course on Sustainable Management of Urban Waters.

#### a) Building an LA facilitation team

Facilitation of LA activities is done by a team of professionals with strong involvement of the Municipality of Belo Horizonte (PBH)- particularly the Municipal Secretary of the Environment (SMAMA) and the Federal University of Minas Gerais (UFMG). Both PBH and UFMG cover the costs of several of the staff members involved as outlined below:

From PBH (Municipality of Belo Horizonte)	<i>From UFMG (Federal University of Minas Gerais)</i>
Sonia Knauer (SMAMA/PBH) (LA facilitator) Coordinates all LA activities; participates of main meetings, courses and other events. 4 hours per day, 16 days per month Paid by PBH	Nilo Nascimento (city coordinator) Makes speeches and gives courses; participates of main meetings, courses and other events. 4 hours per day, 4 days per month Paid by UFMG
Silmara Machado (SMAMA/PBH) Produces and participates of meetings, courses and other events; gives courses; keeps in direct contact with stakeholders. 8 hours per day, 20 days per month Paid by PBH	Heloísa Costa Makes speeches and gives courses; participates of main meetings, courses and other events. 4 hours per day, 4 days per month Paid by UFMG
Daniel Toledo (Sociology Master Student/UFMG) Produces and participates of meetings, courses and events; gives courses; keeps in direct contact with stakeholders; translates documents (English to Portuguese); coordinates the communication activities.	Janise Bruno (Biology Pos-doc Researcher/UFMG) Makes speeches and gives courses; participates of main meetings, courses and other events. 4 hours per day, 20 days per month Paid by Cnpq

4 hours per day, 20 days per month 424 euros per month	
Thiago Salles (Communication Student/PUCMG) Produces and participates of meetings, courses and events; keeps in direct contact with stakeholders; creates and produces communication materials. 4 hours per day, 20 days per month 106 euros per month	Paulo de Castro (Engineering Doc Researcher/UFGM) Makes speeches and gives courses; participates of main meetings, courses and other events. 8 hours per day, 20 days per month 775 euros per month
	Tarcisio Nunes (Geography Doc Researcher/UFGM) Makes speeches and gives courses; participates of main meetings, courses and other events. 4 hours per day, 20 days per month Paid by UFGM
	Eduardo Coelho (Engineering Student/UFGM) Supports the production of communication material (subjects related to engineering). 4 hours per day, 20 days per month 106 euros per month
	Clarissa Fernandes (Engineering Student/UFGM) Supports the production of communication material (subjects related to engineering). 4 hours per day, 20 days per month 106 euros per month

#### **b) Mapping stakeholders**

A draft version of BH stakeholder analysis was sent to Carmen da Silva-Wells in 24<sup>th</sup> July. Daniel Toledo and Tarcisio Nunes are now working on her comments and suggestions, considering the briefing note #2. We plan to finish the text by the end of September.

#### **c) Vision and organisation**

The BH Learning Alliance has the objectives to increase general awareness and interest on questions related to urban water management, always considering the vision<sup>1</sup> and

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<sup>1</sup> Belo Horizonte, City of Clean Waters. The natural environment is valued, integrated with the urban context and owned by the population, in a harmonious coexistence with the dynamic of floods and droughts.



scenarios<sup>2</sup> previously built. For example: at this moment the focus of our Learning alliances are on the Course of Sustainable Management of Urban Waters, which will be offered to the members of COMFORÇAS (Monitoring and Audit Committees of the works of the Participatory Budget) in September 2009. This course will be extremely important to achieve our interests among key groups (almost 700 people) responsible for proposing and approving some of the main infrastructure works done by the municipality. The terms of reference will be developed during the first course's sessions and must be concluded on October 15th.

#### **d) Monitoring and process documentation**

To document our activities, we've been elaborating short reports with photos, which are regularly sent to John Butterworth. Moreover, we've been constantly feeding the local website and also producing the SWITCH newsletter. The monitoring indicators developed in Accra in December 2007 have been used as important parameters in reports and analysis. As one of the most important actions is still to be started (the Sustainable Water Management Course to COMFORÇAS), we haven't evaluated our progress on the agreed objectives. We believe that after some sessions of the course we'll be able to do it more properly.

#### **e) City level communication**

We are now producing the sixth edition of a quarterly newsletter, which is distributed for our main learning alliance members. From this moment, we'll also send an electronic version of these newsletters to other partners and interested groups

The city website has been developed and it's online at the following address:

<http://www.ehr.ufmg.br/switch/>. The website has is regularly updated with information before and after each activity. We're still adjusting some questions related to its layout and navigation. We hope to have the final version online at the end of August.

#### **f) Guidelines and SWITCH publications on learning alliances**

The briefing notes and guidelines: are very adequate language and content, with the possibility of more flexible models. Specifically during the elaboration of our stakeholder

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<sup>2</sup>Four scenarios for Belo Horizonte in 2038 were identified (for full description see BH LA report): in short they can be summarised as :

1) *The desired city*: characterised by balanced income distribution, universal and equitable access to sanitation infrastructure, integrated management of urban water.

2) *The exclusionary city*: characterised by income disparity, social injustice, stagnation in access to sanitation infrastructure and trend to privatization of public space, neglect of preservation and integration of water courses to urban landscape and community life, disintegration of policies and management of water.

3) *The advancing city*: characterised by balanced distribution of income, universal and equitable access to sanitation infrastructure, good health conditions and quality of life also to low income households, centralized and authoritarian management model, political disintegration, disintegrated water management.

4) *The conservative city*: characterised by a continuous worsening of income concentration, social injustice, stagnation in access to sanitation infrastructure and trend to privatization of public space, inequality and neglect of urban water management, but integration of policies, basins as units of planning, efficient tools for urban water management.

analysis, we've considered the Birmingham document as a model, but we're now adopting this work using briefing notes' guidelines.

## **2. General progress May- July 2009**

- a) Wall painting at Anne Frank Municipal School: a group of students used graffiti techniques to paint the main wall of the school with a stylized SWITCH logo and also some known water landscapes of Belo Horizonte. Stakeholders involved: Anne Frank Municipal School workers, students and neighbours. (May).
- b) Production and distribution of informative material about the rainwater collector. Stakeholders involved: Anne Frank Municipal School workers, students and neighbours. (May)
- c) Guided visits to Productive Garden, Fazendinha Municipal School, CEVAE and Barreiro Regional. Stakeholders involved: Lagoa do Nado Municipal Park workers. (May)
- d) Meeting with Participatory Budget representatives. Feedback: the regional managers are now aware of SWITCH Project and have been disseminating SWITCH concepts and actions among the COMFORÇAS members, strongly increasing the project visibility in Belo Horizonte. (May)
- e) Interview with UNA (university) students about future partnerships (May).
- f) Guided visit to Arrudas Water Treatment Station. Stakeholders involved: Lagoa do Nado Municipal Park workers. (May).
- g) Planning of activities in partnership with Izabela Hendrix University (May).
- h) Guided visit to an alternative model of rainwater collector; Stakeholders involved: Anne Frank Municipal School students (June).
- i) Class about civil participation, to SMAMA students (June).
- j) Participation at Environmental Week at Anne Frank School (June).
- k) Participation at Environmental Week at INCISA. Stakeholders involved: INCISA University workers and students. (June)
- l) Participation at ICLEI World Congress 2009 – Edmonton, Canada (June).
- m) Production of a poster to SWITCH meeting at Netherlands (July).
- n) Planning and preparations for Sustainable Water Management Course (July).

## **3. Future plans**

- a. Pre-production of Sustainable Water Management Course to COMFORÇAS' members: dissemination/ publication at COMFORÇAS general meetings, definition of content, production of textbooks, organization of transport and food etc. (August).
  - b. Conclusion of Stakeholders Analysis (August).
  - c. Conclusion of Website adjustments (August).
  - d. Offering the Sustainable Water Management Course to COMFORÇAS' members (Sept/Oct/Nov).
  - e. Offering the Sustainable Water Management Course to agricultures of Productive Garden (Sept).
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## **SWITCH Learning Alliances progress report: Birmingham**

*Name of city:* Birmingham  
*Form completed by:* Jennifer Chlebek  
*Covering period from:* April 2009 *to:* end July 2009

### **1. Progress on stakeholder involvement and LA development**

#### **a) Building an LA facilitation team**

City Coordinator Phil Sharp left Arup and has been replaced by Geoff Denham. Geoff is an Associate in the water team at Arup and deals with a number of areas of water management including flood risk, drainage and water treatment and distribution. He has taken an interest in SWITCH since the beginning of the project and is familiar with its goals. On average, the City Coordinator works 0.5 days per week, or 2 days per month and is charged at €145 per hour.

City Facilitator-Jennifer Chlebek continues in her role as City Facilitator. Jennifer is a fluvial modeler within the Water Team. On average, Jennifer has 1 day per week for SWITCH and is charged at €55.

#### **b) Mapping stakeholders**

The stakeholder analysis is complete. See May 2009 report and <http://switchbirmingham.wordpress.com/reports/> for details.

#### **c) Vision and organisation**

The visioning document is now completed, and is available at <http://switchbirmingham.wordpress.com/reports/>. The vision is based around current water strategy documents including Defra's Future Water For England, Severn Trent Water's Strategic Direction Statement and Birmingham City Council's Be Birmingham document.

See May 2009 report and <http://switchbirmingham.wordpress.com/reports/> for details. A scenario planning and strategy workshop is planned for September

#### **d) Monitoring and process documentation**

Process documentation for the City Water meeting held in May is in progress. The framework outlined in the Briefing Sheets and the skills gained from the Lodz meeting are being used. The version being worked on is still at the embryonic stage and needs attention. It may be that I concentrate on a more recent meeting and complete this after the conference when I have more time available to spend on it.

#### **e) City level communication**

A City Website has been created and active for approximately 1.5 years, <http://switchbirmingham.wordpress.com>. Individual researchers maintain part of the site, but most information is uploaded by the facilitator.

See May 2009 report and <http://switchbirmingham.wordpress.com> for further details.

#### **f) Guidelines and SWITCH publications on learning alliances**

The briefing notes in particular have been used, and proved helpful especially for the stakeholder analysis and process documentation.

### **2. General progress May- July 2009**

In May 2009, the City Water team held a progress meeting in Birmingham followed by a workshop with the Learning Alliance. This not only allowed the CW team to showcase developments to the team, but also for them to meet the Birmingham LA (which in some cases was for the first time). From the LA, a number of organizations were represented with the key stakeholders (namely the Environment Agency, Severn Trent Water and Birmingham City Council) also being present. One of the key outputs of this meeting was to strengthen our links with Severn Trent Water and to secure access to their asset data to feed into the model. Confidentiality agreements are now in place between the City Water Team and Severn Trent Water.

The City Website has been updated to include a section on City Water (under construction presently) and copies of all presentations given (completed).

The research project meetings have been postponed until after the scientific conference, and unfortunately the visit to the brown roof demonstration did not happen.

### **9. Future plans**

1. Scenario and strategy meeting-30<sup>th</sup> September 2009
2. Attendance at the Scientific Meeting and City Water Summit-October 2009
3. Institutional Mapping and Governance Meeting-End 2009



## **SWITCH Learning Alliances Progress Report: CALI**

*Name of city:* Cali

*Form completed by:* Alberto Galvis / Diana Paola Bernal

*Covering period from:* May 2009 *to:* July 2009

### **3. Progress on stakeholder involvement and LA development**

Cali became a demo city in April 2008, in response to the positive results with learning alliance developments that were achieved (initial stakeholder meetings were held in 2007). It has three learning alliances organized around three topics and facilitated by the project team.

#### **a) Building a LA facilitation team**

The SWITCH Project Team in Cali, which deals with activities including the Learning Alliance and the demonstration city aspects is led by Cinara Institute of Universidad del Valle. It is coordinated by Eng. Alberto Galvis. Paola Bernal (full time), Kim Andersson (part time) and Melissa Herrera (part time) are the facilitators. The third facilitator, Diana Alexandra Zambrano (full time), is participating in the MSc programme in Sanitary and Environmental Engineering. She is developing her thesis on a topic related with the Expansion Zone of Southern Cali, one of the three work themes of the Learning Alliances of Cali. The core team counts on support from auxiliary personnel that assist in the development of the different activities.

Other Univalle experts provide input into specific subject areas, especially Dr. Inés Restrepo and staff, from the Communication and Education for Development Group of Cinara.

During the second quarter, the work team was supported by Eng. Luis Alfonso Hurtado, who facilitated and supported the problem identification activities and recommended actions proposed by different members of the Alliances related to the water quality of the Cauca River and the Southern Drainage System during all the process including meetings and workshops.

The activities of the Learning Alliances are also supported by Dr. Jan Teun Visscher, who is representing the IRC.

The core team should be strengthened by the activities taking place during the next two years. It is also essential to include professionals from other fields of expertise, such as communication and socio-economic development, and to strengthen the involvement of key participants from other organizations in Cali. The interest of participation and expertise of professionals of Universidad del Valle and institutions of the alliance will be considered.

#### **b) Mapping stakeholders, progress with stakeholder analysis.**

Although the staff could not attend the training courses on Learning Alliance Facilitation held in 2007, the core team in Cali was able to map stakeholders with support from IRC. The results of these efforts are reflected in the report “Stakeholder Analysis: Plans,

Programmes and Projects Related with the Learning Alliances”. This report is published on the website of the Learning Alliances of Cali <http://switchcali.wordpress.com/> and has been presented to different members of the Learning Alliances of Cali.

The Learning Alliances activities during the second quarter included the participation of new stakeholders during the different meetings held in relation to the Cauca River’s water quality and the Southern Drainage System. These stakeholders included: ANDI, the National Association of Industrials; the Association of Engineers of Valle del Cauca and the National Department of Planning – DNP.

The meetings were addressed by the Learning Alliances in order to identify the priority actions required for the recovery of the Cauca River and to contribute to the formulation of a document defining the National Government’s economical and social policy guidelines for the Cauca River’s recovery, called CONPES.

### **c) Vision and organisation**

See Q1 report for a description of the vision development process in 2008 and of the 3 visions. The learning alliances for Cali contribute to the search of sustainable solutions for the city’s water management, particularly by promoting team work among the different stakeholders and enhancing access to information and learning. The three learning alliance topics are: 1) the Drainage System in the South of Cali, 2) Water Quality of the Cauca river and its impact on the water supply system of Cali and 3) Water and sanitation services development in the future expansion areas in the South of Cali. Learning alliances have been formed for each of the three topics.

In 2009 several activities were undertaken to support the objectives and mission. This includes organization of a workshop held on July 24, 2009. We continue in the process of adjusting the vision and the scenarios for each of the three learning alliance topics, taking the results of the LA workshop held on July 24, 2009 and the participation of the Learning Alliance members into consideration.

By contributing to the Cauca River CONPES document which provides investment guidelines and policies for the recovery of the Cauca River, the Learning Alliance was able to propose and prioritize actions required for the improvement of the river, which is one of the three main topics that Learning Alliance members identified as crucial for IUWM.

### **d) Monitoring and process documentation**

The core team is conscious about the importance of the monitoring and process documentation. All activities made in the framework of the Learning Alliances (meeting, workshops, interviews, seminars, mails, etc) are documented and published on the website. This activity is a continuous process, but additional inputs are needed to properly systemize the process.

### **e) City level communication**

Communication is an important aspect of the learning alliance process in Cali. This includes inter-personal communication (bilateral meetings, workshops, forums and e-mail

correspondence) and communication through the website. The website of the Learning Alliances of Cali (<http://switchcali.wordpress.com/>), is a key element in sharing information and keeping all members, as well as others, informed. This website is visited by the members of the alliance, to look up the reports and different activities of the alliances. They are informed by e-mail about the updates of the website. Other tools, including a brochure and poster (developed in 2008) are used to promote the learning alliance, particularly among the relevant institutions.

#### **f) Guidelines and SWITCH publications on learning alliances**

The core team has reviewed the publications on Learning Alliances that are available on the website. This has helped them to identify key aspects that support the consolidation process of the Learning Alliances of Cali.

The team is particularly interested in receiving information that relates to conflict resolution, social inclusion and emerging experience with visioning and strategic planning.

### **2. General progress May- July 2009**

- Participation of Univalle Staff Members in several meetings with regional institutions and members of the Learning Alliances in order to make a regional proposal for the formulation of the Cauca River CONPES document. The process is led by the National Government through the National Department of Planning, and at regional level, through the Government of Valle del Cauca. Six meetings were held on May 16, June 18 and 19, and August 3, 5 and 10, 2009.
- The Workshop “Contribution to the Formulation of the Cauca River CONPES Document. Learning Alliances of Cali, as a Demo City in the SWITCH Project” was held on July 24, 2009. This workshop had the participation of 31 representatives from 13 institutions, among which are public utility companies, the City of Cali’s Planning Department, the Government of Valle del Cauca, special interest groups and associations, city universities, and environmental authorities.
- Alberto Galvis participated as speaker during the Cauca River Water Quality Forum organized by Occidente, a widely read local newspaper in the city of Cali. Engineer Galvis presented the identified actions for the recovery of the Cauca River.
- Elaboration of the summary appraisal of the Cali Learning Alliances for the AGUA 2009 event to be held in Cali during November, 2009. This summary was made by Alberto Galvis and Diana Paola Bernal from UNIVALLE, Jan Teun Visscher from IRC, and Gloria Almario, from EMCALI. This abstract was sent to Scientific Committee of AGUA 2009 and was selected for oral presentation in the seminar “A new paradigm in integrated water management in urban areas”.
- Elaboration of the summary appraisal “Application of natural treatment systems for wastewater pollution control in the expansion area of Cali” by Andrea Gaviano, Diana A. Zambrano, Alberto Galvis, Diederik Rousseau.. This abstract was sent to Scientific Committee of AGUA 2009 for the seminar “Wetlands as sustainable technology for water management and climate change mitigation”
- We continue in the process of adjusting the vision and the scenarios for each of the three Learning Alliance topics. We have considered the results of the workshop held

on July 24, 2009 and the participation of the Learning Alliance members for this activity.

- Preparation of a radio program about Integrated Water Management and the implementation of SWITCH concepts in the activities proposed for the water management in Cali.
- Internship of Andrea Gaviano from UNESCO-IHE in Universidad del Valle, concerning issues related with the expansion area in Southern Cali.
- Regular updates of the website of the Learning Alliances (<http://switchcali.wordpress.com/>.)

### **3. Future plans**

- Continuation of the meetings of professionals of the institutions of the Learning Alliances
- One workshop in September to fine-tune the visions, scenarios, and activities for the three Alliances, based on a discussion of progress made in 2008 and the first months of 2009 with the different professionals of the institutions members of the alliances.
- Broadcasting a radio program about Integrated Water Management and the implementation of SWITCH concepts in the activities proposed for the water management in Cali.
- Organization of the seminar “New Paradigms on Integrated Water Management in Urban Areas” in the framework of the international event: AGUA 2009, to be held on November 9-13, 2009 in Cali, Colombia. (<http://www.agua2009.info/>)
- Participation of Alberto Galvis and Diana Paola Bernal in SWITCH scientific meeting and Global CityWater Future Summit to be held in October in The Netherlands.
- Continued updating of the website of the Learning Alliances of Cali



## **SWITCH Learning Alliances progress report: Lodz**

*Name of city:* LODZ  
*Form completed by:* Name Monika Dziegielewska-Geitz  
*Covering period from:* April 2009 *to:* end  
July 2009

### **1. Progress on stakeholder involvement and LA development**

The Lodz Learning Alliance has developed since 2006 with strong linkages to overall city re-development and has several active champions. The concept of the Blue-Green Network which has been promoted through the LA is becoming a key concept in changing the approach to spatial planning in Lodz. The visioning process and the Learning Alliance process in general so far have proved highly useful for streamlining, focusing and adjusting the process of paradigm shift towards Integrated Urban Management.

#### **a) Building an LA facilitation team**

The Lodz Learning Alliance is facilitated by Monika Dziegielewska-Geitz appointed in November 2006. The building of the Lodz learning alliance facilitation team has been happening gradually since May 2006. The facilitation team also includes the City Coordinator – Iwona Wagner and Kinga Krauze (ERCE u/a UNESCO), supporting Monika Dziegielewska-Geitz with communications and the learning alliance development.

The LA Facilitator has been working approximately 40 hours per month at the rate of approx. 700,- euros (3000,- PLZ) per month.

The supporting staff of the facilitation team is involved on the basis of temporary contracts per specific service. The costs for the additional staff since January 2008 has been app. 500 euro. Since July 2009 Ilona Gagala started working to support SWITCH with updating the blog as well as organizing press articles and project documentation.

#### **b) Mapping stakeholders**

The stakeholder analysis report was completed by end of September 2008 and submitted to John Butterworth. The initial stakeholder analysis in 2007 involved stakeholders through a LA workshop and through interviews and was supplemented by document review by the LA facilitator. The project city coordinator and the LA Facilitator then initiated a “Stakeholder Analysis Task Group”, which included the Sub-department for Infrastructure of the Municipal Management Department of the City of Lodz Office, the Lodz Infrastructure Company (LSI), the Waste Water Treatment Plant (GOS), the Waterworks and Sewage Company (ZWIK) and the Voivodship Company for Melioration and Maintenance of Water Infrastructure (WZMiUW). The task group further developed the analysis. This process was facilitated by the LA facilitator.

#### **c) Vision and organisation**

The Visioning Workshop I was held on 17-18<sup>th</sup> January 2008. *See Q1 report for further details* The vision for Lodz in 2038 related to water management yet also referring to the city’s overall sustainable development. Scenarios and strategies, defining common

objectives were also developed. The Visioning and scenario-building exercises were very useful in establishing objectives and clarifying challenges and opportunities. This led to awareness that activities towards strategies and plans for IUWM need to be structured and done jointly. The rules and procedures for the functioning of the group are still being worked on. Vision development has also contributed to the development of concept of the Blue-Green Network and the development of the new spatial plan for Lodz. This plan was developed by Spolka TEREN. In May 2009, Prof. Maciej Zalewski and Dr Iwona Wagner held various meetings with the developer of the plan, Mr Bald providing inputs for the plan. The vision is supported by the emerging participatory decision-making process, as all the stakeholders are encouraged to identify places to be included in the Blue-Green network. Before the Visioning/Scenario-building Workshops the LA was still in the trust-building phase, and now it seems mature/advanced enough to ensure participation of the stakeholders in working on the SWITCH documents.

In 2009 a training workshop in strategic city planning has been planned. The training is aimed to lead to the process of developing the strategic IUWM plan, which will be harmonized in the masterplan for water and sewage management in Lodz. The masterplan is developed by HALCROW, who joined Lodz LA. The Vision 2038 has been shared with HALCROW to ensure the company's awareness of the stakeholders' needs and recommendations. In September, follow-up on HALCROW's masterplan progress is planned and preparations will be made for the Strategic Planning Seminar. The workshop has been planned as collaboration between Lodz and Tel Aviv and has been moved to May 2010 because of availability of the Tel Aviv representatives and their resources.

Heads of three departments of the City of Lodz Office – Department for Municipal Management, Department for Strategy and Analysis, the Office for the Realization and Monitoring of Investments and the Lodz Infrastructure Company have agreed to represent the Lodz Learning Alliance at the Future Cities' Water Summit ( October 7th-10<sup>th</sup> in Delft). This proves the ownership of SWITCH among its key stakeholders. All the meetings held so far also prove the identification among all the stakeholders with all the processes that SWITCH has launched and inspired. There's strong interest to support the process with the institutional Learning Alliance Members as well as among the citizens of Lodz, who in various forms and forums have the chance to express their opinions, for example regarding the Blue-Green network.

SWITCH is a commonly known project in the city, often quoted and referred to in terms of water as well as environmental project driving change towards the improvement of the quality of life and health. One tangible impact is the LIFE+ project (series of projects) regarding the revitalization of Arturowek reservoirs – with a 5-year timeline, leading to revitalizing one of the most popular recreational areas for the inhabitants of Lodz, one of the few offering access to water.

#### **d) Monitoring and process documentation**

First round of M&E was conducted in January 2008. Process documentation involves ongoing workshop reports, e-mail records, blog (<http://switchlodz.wordpress.com>), notes

on Facebook through the Lodz Learning Alliance Process Documentation Group (link: <http://www.facebook.com/group.php?gid=52332416966> ), RTD reports, film.

#### **e) City level communication**

The city website serves the information exchange purposes and is a database for reports and outputs of the Learning Alliance activities. Information exchange is also coordinated by the LA facilitator who remains in constant contact with the LA members by phone, e-mail or directly. Any consultations regarding reports or document such as letters to authorities are being consulted with the LA Members, who introduce their changes and make suggestions or comments to be considered.

The facilitation team has found direct contact in workshops- both in group work and in the plenary sessions- to be the most as most effective way of communicating with LA members. The website serves as a general information platform and is considered by the LA Members as very useful. There's much more improved communication between stakeholders involved in particular selected areas such as stormwater management, also coordinated/facilitated/supported by the SWITCH Lodz team. At this stage the stakeholders often contact the SWITCH Team in contrast to the time from before January 2009 when the SWITCH Team was the side initiating communication in majority of cases. The website is currently being updated and refreshed by Ilona Gagala.

#### **f) Guidelines and SWITCH publications on learning alliances**

The briefing notes have regularly been read and used as basis for the LA activities by the Facilitation team. They prove very efficient guidelines for the process and the activities.

### **2. General progress**

The following meetings of Learning Alliance took place since January 2008:

January 2008	Visioning Workshop
July 2008	Scenario-Building Workshop
December 2008	Natural Systems and Sustainable Stormwater Management Workshop
April 20 <sup>th</sup> 2009	Training Workshop on “Sustainable Stormwater Management for the City of the Future” with application of software and financial instruments
April 21 <sup>st</sup> 2009	LA Decision-makers level meeting at the Waterworks and Sewage Company (ZWIK) on Sustainable Stormwater Management in Lodz
May 28 <sup>th</sup> 2009	LA Meeting with about 50 stakeholders to present and discuss the concept of the Blue-Green Network
June 14 <sup>th</sup> 2009	Meeting with NGOs about their involvement in the development of the concept of the Blue-Green Network. This was followed by an August meeting with NGOs about – within the concept of the Blue-Green Network – possibilities and ways to develop demo “Green Yards” projects, which would among others

	alternative stormwater control technologies. Possibilities for funding for these were discussed.
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Furthermore, there are regular face to face meetings with LA members or their groups, representing particular interests and/or regarding particular issues (e.g., meetings with the City Office representatives, planners, engineers, developers, WWTP staff, others). These meetings have intensified with the introduction of the concept of the Blue-Green Network developed by the SWITCH Lodz Champion – Professor Maciej Zalewski as well as the team of the International Institute of the Polish Academy of Sciences – ERCE u/a UNESCO – and presented to the Mayor of Lodz at a conference “Lodz – the City of the Future” organized by the Municipality of Lodz in Dobieszkow on February 2009.

In the period from April to July 2009 one LA meeting, meetings with individual stakeholders and groups of stakeholders were held. *Further information is provided below:*

***Linking SWITCH to revitalization, redevelopment and spatial planning/development processes in the city – Development of the Concept of the Blue-Green Network***

In February 2009 the concept of the Blue-Green Network was first presented at a conference called “Lodz – the City of the Future” and organized by the Mayor of Lodz. Information about the Blue-Green Network has been disseminated by the local media – “Gazeta Wyborcza” and TVP Lodz. The Concept of the Blue-Green Network, with emphasis that it has originated as part of the SWITCH process in Lodz, has been disseminated and discussed in stakeholder meetings – such as the meeting at the Department for Environmental Protection and Agriculture of the City of Lodz Office on 28<sup>th</sup> May 2009 for about 50 persons representing all the city’s stakeholders involved in water and environmental management as well as meetings with individual stakeholders such as ZWiK (Waterworks and Sewage Company), ZDiT (Board for Roads and Transport), Spolka TEREN, Office for the Realization and Monitoring of Investments of the City of Lodz Office, meeting with WIOS, WGK, ZWiK regarding illegal discharges of sewage. The Blue-Green Network is like a framework for both general city processes and the SWITCH process. The current stage seems to open room for implementations, legacy and sustainability of the SWITCH process with the application of Ecohydrological solutions.

***Towards sustainable stormwater management process in Lodz***

In April, Dr I. Wagner held a presentation on Sustainable Water Management for the Committee for Environmental Protection of the City Council and two workshops on sustainable management and a meeting with decision-makers regarding sustainable stormwater management and guest SWITCH expert Dr Heiko Sieker were held ( April 20<sup>th</sup> and 21<sup>st</sup>). The training and meeting held with Heiko Sieker in April – LA and ZWiK, which led to formulating instructions for sustainable stormwater management and is now on the way to becoming official guidelines for stormwater control in new investments. These activities resulted in the following conclusions and recommendations for the next steps (As stated by the meeting participants):

1. **Developing demo projects** for sustainable stormwater management in public sites, which would serve as educational-information field. An application to the City Council to identify such sites should be submitted. Attempts to obtain funding for the demonstrations from other sources should be made. (ERCE, Lodz Infrastructure Company, ZWiK);
2. An application to the **Plan for the Conditions and Directions for Spatial Development of Lodz** has been written and submitted (April 2009);
3. Formulation of instructions regarding stormwater management within the **Sports-Recreation-Conference Centre included in the instructions for the project tender** .
4. **Instructions** for stormwater management for new investments for **decision-making regarding building conditions** have been formulated - developed by ERCE and consulted with the meeting participants;
5. A letter of request to call for a **Special City Council Session** on stormwater management within the City of Lodz has been submitted to the Mayor and the Chairman of the City Council. (written by ERCE and consulted with the meeting participants);

**The following documents as the follow-up of the meeting have been developed:**

- Instructions/recommendations regarding sustainable stormwater management to the “Studium” for spatial development of Lodz,
- Instructions/recommendations regarding sustainable stormwater management for the Sports and Events Hall in Lodz.
- A meeting by Dr Iwona Wagner, Monika Dziegielewska-Geitz and Dr Kinga Krauze with the Project Manager of **HALCROW** (Mr Mariusz Slezak), was held in May '09 to encourage collaboration between the SWITCH LA and HALCROW and to integrate the vision, identified needs, challenges and recommendations elaborated in the course of the SWITCH Lodz LA process in the development of the Masterplan, including the alternative sustainable stormwater management solutions and taking into consideration SWITCH's efforts towards integrating water management in Lodz.

***Collaboration with stakeholders on rivers-related issues***

The Department of Environmental Protection and Agriculture of the City of Lodz Office invited scientists from the International Institute of the Polish Academy of Scientists – European Regional Centre for Ecohydrology u/a UNESCO to: - develop an inventory of the Lodz rivers and to develop instructions for the Brzoza river, a tributary of the Sokolowka river.

A meeting concerning joints efforts by the International Institute PAS - ERCE u/a UNESCO, WIOS (Voivodship Inspectorate of Environmental Protection), ZWiK (Waterworks and Sewage Company) and the Department of Municipal Management of the City of Lodz Office, towards the improvement of water quality in The Sokolowka and Brzoza rivers will be undertaken, as a follow up of the results of the research on POP in the Sokolowka river. A meeting called by ERCE u/a UNESCO with representatives of these stakeholders was held in July, and was concluded with a letter to the Mayor of Lodz calling for actions to identify polluters discharging sewage to the Sokolowka and Brzoza rivers and to execute the law, which forbids the discharge. Tasks for each of the present stakeholders were identified. A meeting of Professor Zalewski with the Mayor has been

requested to discuss further steps by the Municipality. It was recommended that “Straz Miejska” (“City Guards”) – a form of municipal police – take trainings raising their awareness and knowledge regarding the execution law in the area of illegal sewage discharge.

### ***Presentations at conferences***

#### **February- May 2009**

1. SWITCH Lodz LA presentation at a seminar in Sao Paulo organized by the Municipality of Sao Paulo and the IIE of Sao Carlos (Director: Prof. Jose Galizia Tundisi)
2. SWITCH Lodz LA presentation at the 5<sup>th</sup> World Water Forum in Istanbul, March 2009
3. SWITCH LA presented at UNITAR Seminar in Plock
4. SWITCH presented at “Post-industrial cities in search of a new identity. Europe for Citizens 2007-2013” conference organized by the City of Lodz Office and the cities of Tampere, Chemnitz and Lodz
5. SWITCH presented at the Future Cities Forum organized by European Renaissance in Brno
6. SWITCH presented at a conference on stormwater control methods and policy in the City Council Hall in Lodz organized by Wavin and the Department of Municipal Management of the City of Lodz Office in May 2009
7. Presentation in Singapore by Dr Iwona Wagner: Blue-Green Network: water and green areas as a basis for optimisation of city spatial planning for compensation of the effect of urban development and global climate changes on the human health (Water Convention, Singapore International Water Week 2009, 23-25 June 2009)
8. Presentation in Asuncion (Paraguay) by Dr Iwona Wagner: Ecohydrology for rehabilitation of water resources – from semi-natural to urban systems (Conference “Ecohydrology for the Sustainability in the context of Global Change”, that took place on 1 - 3 July 2009, Asunción, Paraguay. UNESCO IHP, UNESCO Regional Office for the Latin America and Caribbean)

### ***Other progress:***

- Preparation of a concept note for the DEVE – Committee of the Regions project regarding Best Practices on Sustainable Development in European Cities and Metropolitan Areas;
- Preparation of two projects for the Mayor of the City of Lodz grants (funding for one granted);
- Preparation of Life + (funding of 1,4 mln Euro granted): Ecohydrologic rehabilitation of recreational reservoirs “Arturowek” (Lodz) as a model approach to rehabilitation of urban reservoirs;
- Further collaborations with the City of Lodz Office:
  - 1) The Brzoza River Park (Dr Kinga Krauze) – introductory talks and introductory collaborations;
  - 2) Collaborations on the sedimentation pond project in Folwarczna street (Wojciech Frateczak)

### ***Collaboration with NGOs***

New NGOs joined the Lodz LA on the occasion of the Blue-Green network development launch, such as ZRODLA, GPO, “Lodz on Bicycles”, the first workshop meeting was held on April 14<sup>th</sup> 2009.

***Published articles and book chapters:***

- 2 newspaper articles on the Blue-Green Network in connection with the SWITCH project in the regional issues of the largest in circulation national newspaper “Gazeta Wyborcza” written by Aleksandra Hac were published in April 2009,
- An article with an interview with Prof. Zalewski mentioning the Blue-Green Network in connection with the SWITCH project was published in the local newspaper “Ekspres Ilustrowany”.

***Media***

- Teleconference regarding Stefanski reservoirs (Tomek Jurczak)
- 4 TV Interviews with Prof. Zalewski and Dr Wagner

**2. Future plans**

- a. **ICLEI – IUWM Training:** Executive Seminar/Module A-1/A-3 May 2010, Strategic City Planning (ICLEI, Tel Aviv) Initially scheduled for April 2009 has had to be rescheduled because of the Tel Aviv counterparts availability, Executive Seminar on WP 1.1
- b. **Strategic planning,** Backstopping support from SWITCH for the next steps of the water strategy building to lead to a development of a Short Strategy Document for Water Management WP 1.1, WP 6.2 - the Lodz LA Team trained about the next steps of the Strategic Planning Process
- c. **2<sup>nd</sup> round LA Monitoring & Evaluation**
- d. **Series of meetings with LA and experts for Strategy Building** to create scenarios as a follow-up after the visioning workshop according to the visioning methodology provided by SWITCH WP 1.1, WP 6.2 - building the demand-led research basis for the strategic document; June 2009 till June 2010
- e. **Strengthening the activities on higher level in the City Office and nationally** - presentations and meetings with key LA stakeholders on the City to harmonize SWITCH activities/Learning Alliance workshops. – *ongoing*; a major event on the city/international level will be participation by four key LA Stakeholders in the Future Cities’ Water Forum in Delft

**WP 6.2 ongoing**

Invitation to **participate** in the Executive Seminar on Strategic City Planning outcomes, such as the Vision 2038 – “Lodz Uses Its Water Wisely” and integrate into the activities/projects/strategic plans in the water sector. Sustainable and restorative developments on the municipal level – strengthening collaborations with the Mayor, City Council, City Office Departments for Spatial Planning and Heritage Protection, Strategy and Analysis, Environmental Protection, Lodz Infrastructure Company, MPU – Plan for the City Spatial Development, ZDiT – Board for Roads and Transport;

**Dissemination** of information to the Lodz citizens regarding SWITCH through Members of the City Council, through participation in the Council Meetings and distribution of the dissemination materials through the City, ongoing, WP 6.2

**Taking action to prevent waste disposal into** the Sokolowka river and the reservoirs engaging the local communities, together with the City of Lodz Office – the time and specific activities/events to be held are to be determined in a meeting still in the summer 2009 (the activity has been delayed because of the Blue-Green Network – naturally the above planned action could be linked to the promotion of the development of the network among the inhabitants, WP 5.3;

**“Walk Along the Lodz Rivers - Sokolowka”** – an action organized with the local editors of the national “Gazeta Wyborcza” and NGOs, involving publication of an inlay with information regarding the history of the Lodz rivers as well as current activities towards their restoration;

Further **Blue-Green Network-related activities**: collaborations with NGOs encouraging fund-raising to establish demo Green Yards projects, meeting in Ksiezy Mlyn regarding the area redevelopment based on the projected Jasien river restoration efforts;

**Social campaign and film** about “Water in Lodz – the City of the Future”



## ***SWITCH Learning Alliance progress reporting for the period August to November 2009***

*Synthesis of reports submitted to IRC by 19 November. (The reports from Beijing, Cali were not updated, but information on them can be found in the Q2 consolidated report)*

### **SWITCH Learning Alliances progress report: ACCRA**

*Name of city:* **Accra**

*Form completed by:* **Bertha Darteh**

*Website:* <http://switchaccra.wordpress.com/home/switch-accra-la-progress/>

## **2. Progress on stakeholder involvement and LA development**

### **a) Building an LA facilitation team**

There is a steering committee for the Learning Alliance (LA) in Accra (with membership from implementing partners in Ghana, IWMI, KNUST and a local NGO, TREND). The City Coordinator is Prof. Mrs. Esi Awuah (KNUST) (Input 3 mandays a month). The LA facilitator is Ms Bertha Akosua T. Darteh (KNUST) (input 10 mandays in a month @ 1000 eurs). There is a new Assistant Facilitator Miss Henrietta Osei-Tutu. She replaces Mr. David Assan. She started work at the end of September, 2009 and will be supporting the facilitator in the strategic planning process. Her input is 18 mandays per month @ 500 eurs).

### **b) Mapping stakeholders**

The stakeholder analysis was completed in Q1, shared and included on Accra Starter Kit CDRom. Sharing of the institutional mapping findings resulted in several stakeholders being added to the LA (see Q2 report). In Q3, no significant changes can be reported.

### **c) Vision and organisation**

The vision was first developed by LA members in March 2007, further refined in several steps between 2007 and June 2009 ( see Q2 consolidated report for further details). There have been no major changes in the vision during Q3.

### **d) Monitoring and process documentation**

Documentation of LA activities is ongoing. The city story line, workshop reports, brochure that gives the progress of learning alliances, pictures and a video on LA activities are available at [www.switchaccra.wordpress.com](http://www.switchaccra.wordpress.com)

### **e) City level communication**

Communication with City level learning alliance members is by - Email- Telephone - Stakeholder visits

The response of LA members to email communication improved as the result of regular interaction at sector meetings and stakeholder visits and since involvement in research work. There is a city website ([www.switchaccra.wordpress.com](http://www.switchaccra.wordpress.com)), a Google group and a Facebook group (Accra Learning Alliance).

SWITCH Accra LA is also a part of the recently launched Resource Centre Network (RCN). This will be used as a platform to present SWITCH ideas and to disseminate findings to key National Level Stakeholders.

#### **f) Guidelines and SWITCH publications on learning alliances**

No significant changes, see Q2 report .

### **3. General progress**

Key activities have been stakeholder consultations and continuation of strategic planning progress. We have brought on board stakeholders from Institute of Local government studies to support the process. City Facilitator participated in the SWITCH Scientific meeting. LA members also participated in the SWITCH City Water Summit.

The LA team will also be represented in the First Ghana Water Forum and WAWI sanitation confab in November, 2009.

The following are links to some documents relevant to the progress of the learning alliance

1. <http://switchaccra.wordpress.com/home/switch-accra-la-progress/>
2. <http://switchaccra.wordpress.com/event-calender-for-accra/plans-for-accra-2/>
3. <http://switchaccra.wordpress.com/2009/08/17/report-for-4th-accra-la-general-meeting/>

### **4. Future plans**

Key activities planned are Learning Alliance Meeting (24-25<sup>th</sup> November, 2009). The LA team is also participating in other activities within the water sector in Ghana.

## SWITCH Learning Alliances progress report: Alexandria

Name of city: Alexandria

Form completed by: CEDARE

Website: <http://switch.cedare.int/>

<http://switchalex.wordpress.com/>

### 4. Progress on stakeholder involvement and LA development

#### a) Building an LA facilitation team

The learning alliance includes representatives from the Drinking Water Holding Company, Sanitation Services Holding Company, Academic Research Institutes and universities, local NGOs, Alexandria Governorate, Environmental Agency of the Alexandria governorate, City coordinator, members of CEDARE, and representatives from the Ministry of Water Resources and Irrigation.

The facilitator (Ahmed Essam: 2-days per week) and co-facilitator (Lama El Hatow 12 days per month) were appointed until the end of April 2009. Several other members of the CEDARE team help in the LA facilitation as outlined below:

Name	Position	# of Days /months	Tasks	Rate (EUROS)
Nermin Riad	Programme Assistant	12	- Documentation of all activities	550
Tamer Hassan	IT Web Developer	12	- Develop and maintain City Website: <a href="http://switch.cedare.int/">switch.cedare.int</a>	550
Dr. Khaled AbuZeid Dr. Omar El Badawy Dr. Mohamed Abd Rabo Dr. Amr Abdel Megeed Eng. Mohamed Elrawady	CEDARE team members	8	- Part time technical and administrative backstopping	

There is a SWITCH office in Alexandria, located in the building of the Alexandria Drinking Water Company; however it lacks funds to supply equipment in the office.

#### b) Mapping stakeholders

The draft Stakeholder Analysis report for the city of Alexandria is available at <http://switch.cedare.int/files28/File2826.pdf>

### **c) Vision and organization**

In 2007, CEDARE hosted a workshop in Alexandria on "Visioning and Scenario Building for the City of Alexandria" ( <http://switch.cedare.int/Main.aspx?code=1170>)

The outputs agreed upon from this workshop include a vision statement and several initiatives aimed for year 2031(<http://switchalex.wordpress.com/news-events/workshop-on-visioning-and-scenario-for-alexandria-iuwm-plan-july-24-25/>)

Studies investigating and utilizing other water resources that are available and feasible to use such as stormwater, groundwater, desalination, wastewater reuse, water demand management measures, and aquacycle assessment were initiated in May 2009 and are ongoing. All studies will develop scenarios based on the general scenarios identified during the LA workshop in July 2007. These are all inputs for the "Integrated Urban Water Management plan" for the city of Alexandria which will be the main output for the SWITCH project in Alexandria to face the rapid increase in water demand of the city by the year 2037.

### **d) Monitoring and process documentation**

SWITCH LA M&E indicators can be found at <http://switch.cedare.int/files28/File2882.pdf>

Media coverage of SWITCH project can also be found on the website,

### **e) City level communication**

Communication between LA members is always there, especially by phone, emails, and official letters. There are occasional visits to Alexandria (meetings, training, workshops, etc.), as well as the regular LA meetings that take place every 3 months. The last LA meeting was held in September 2009. LA meeting minutes can be found at <http://switch.cedare.int/Main.aspx?code=1157>

### **General progress**

1. Strategic studies evaluation meeting (September 2009): The meeting discussed and evaluated the progress of the five core strategy studies that were launched in May, as well as an institutional mapping study. A financial sustainability study has also been launched.

All strategy studies meetings have local experts along with international coordinators.

## **SWITCH Learning Alliances progress report: Belo Horizonte**

*Name of city:* Belo Horizonte

*Form completed by:* Daniel Toledo

Website: [http://www.ehr.ufmg.br/switch/.](http://www.ehr.ufmg.br/switch/))

### **4. Progress on stakeholder involvement and LA development**

Initially, Learning Alliance activities in Belo Horizonte were mainly oriented to promote the participation of neighbourhood associations, schools, the participatory budget municipal committee, the climate change committee and the Lagoa do Nado municipal park team. From 2008 strategies of stakeholder engagement were applied to engage a wider group of stakeholders in the LA. Key focus areas in Q3 have been the development and delivery of a Course on Sustainable Management of Urban Waters.

#### **a) Building an LA facilitation team**

Facilitation of LA activities is done by a team of professionals with strong involvement of the Municipality of Belo Horizonte (PBH)- particularly the Municipal Secretary of the Environment (SMAMA) and the Federal University of Minas Gerais (UFMG). Both PBH and UFMG cover the costs of several of the staff members involved see Q2 report for detailed explanation.:

#### **b) Mapping stakeholders**

A draft version of BH stakeholder analysis was sent to Carmen da Silva-Wells in 24<sup>th</sup> July. Daniel Toledo and Tarcisio Nunes planned to finish the text by the end of September, but have been delayed.

#### **c) Vision and organisation**

The BH Learning Alliance developed a vision and scenarios (see Q2 report and LA website: [http://www.ehr.ufmg.br/switch/.](http://www.ehr.ufmg.br/switch/))

A Course on Sustainable Management of Urban Waters, was offered to the members of COMFORÇAS (Monitoring and Audit Committees of the works of the Participatory Budget) in September 2009. This course will be extremely important to achieve our interests among key groups (almost 700 people) responsible for proposing and approving some of the main infrastructure works done by the municipality.

#### **d) Monitoring and process documentation**

The team has been elaborating short reports with photos, producing the SWITCH newsletter and constantly feeding the website. The monitoring indicators developed in Accra in December 2007 have been used as important parameters in reports and analysis.

#### **e) City level communication**

The sixth edition of a quarterly newsletter was produced and distributed to our main learning alliance members. We also send an electronic version of these newsletters to other partners and interested groups.

The city website is regularly updated with information before and after each activity:  
<http://www.ehr.ufmg.br/switch/>.

**f) Guidelines and SWITCH publications on learning alliances**  
no new developments to report (see Q2 report for more detail).

## **5. General progress July- November 2009**

## **6. Future plans**



## **SWITCH Learning Alliances progress report: Birmingham**

*Name of city:* Birmingham  
*Form completed by:* Jennifer Chlebek  
*Website:* <http://switchbirmingham.wordpress.com>

### **4. Progress on stakeholder involvement and LA development**

#### **a) Building an LA facilitation team**

City Coordinator Geoff Denham is an Associate in the water team at Arup and deals with a number of areas of water management including flood risk, drainage and water treatment and distribution. On average, the City Coordinator works 0.5 days per week, or 2 days per month and is charged at €145 per hour.

City Facilitator-Jennifer Chlebek is a fluvial modeler within the Water Team. On average, Jennifer has 1 day per week for SWITCH and is charged at €55.

#### **b) Mapping stakeholders**

The stakeholder analysis is complete. See May 2009 report and <http://switchbirmingham.wordpress.com/reports/> for details.

#### **c) Vision and organisation**

The visioning document is completed, and is available at <http://switchbirmingham.wordpress.com/reports/>. The vision is based around current water strategy documents. See May 2009 report and <http://switchbirmingham.wordpress.com/reports/> for details.

#### **d) Monitoring and process documentation**

Process documentation for the City Water meeting held in May is in progress. The framework outlined in the Briefing Sheets and the skills gained from the Lodz meeting are being used. The version being worked on is still at the embryonic stage and needs attention. It may be that I concentrate on a more recent meeting and complete this after the conference when I have more time available to spend on it.

#### **e) City level communication**

A City Website has been created and active for approximately 1.5 years, <http://switchbirmingham.wordpress.com>. Individual researchers maintain part of the site, but most information is uploaded by the facilitator. See May 2009 report and <http://switchbirmingham.wordpress.com> for further details.

#### **f) Guidelines and SWITCH publications on learning alliances**

The briefing notes in particular have been used, and proved helpful especially for the stakeholder analysis and process documentation.

### **5. General progress July-November 2009**

- Birmingham LA has now established linkages to the Birmingham Environmental Partnership, which is reviewing adaptation to climate change in Birmingham. We have now got a dedicated officer from BEP to liaise with SWITCH.



- Birmingham LA Facilitation team coordinated the submission of 6 abstracts to the International Association of Hydraulic Research 1<sup>st</sup> European Congress. All 6 abstracts have been accepted and paper writing is in progress.
- Scenario planning workshop was held and outline scenarios generated. A questionnaire has been issued to LA members to comment on the scenarios.
- The LA Coordinator attended the Scientific Meeting, and the Facilitator attended the Scientific Meeting and City Summit.

## **5. Future plans**

- Generation of 3-4 solid scenarios and report to date on the scenario planning progress.
- Updating of website.



## **SWITCH Learning Alliances progress report: Lodz**

*Name of city:* LODZ

*Form completed by:* Name Monika Dziegielewska-Geitz

*Website:* <http://switchlodz.wordpress.com>

### **3. Progress on stakeholder involvement and LA development**

The Lodz Learning Alliance has developed since 2006 with strong linkages to overall city re-development and has several active champions. The concept of the Blue-Green Network which has been promoted through the LA is becoming a key concept in changing the approach to spatial planning in Lodz. The visioning process and the Learning Alliance process in general so far have proved highly useful for streamlining, focusing and adjusting the process of paradigm shift towards Integrated Urban Management.

Progress and activities undertaken between August and November are highlighted below.

### **2. General progress**

The following meetings of Learning Alliance took place since August 2009:

September 2009	Working Meeting by Dr Iwona Wagner and Monika Dziegielewska-Geitz with “Nasze Zoo” Foundation’s Jerzy Dauksza regarding further collaborations to develop the “Green Yards” project
September 7 <sup>th</sup> 2009	Meeting of three City Council’s Committees – Committee for the Protection and Shaping of the Environment, Committee for Housing and Municipal Management, Committee for Spatial Planning, Building and Architecture with presenters and participants representing The Lodz Infrastructure Company, Spolka Teren S.A., City of Lodz Office’s Studio for Spatial Planning, International Institute PAS – ERCE u/a UNESCO, Technical University of Lodz, as well as Dr Heiko Sieker of Sieker GmbH from SWITCH Germany, on stormwater management and tariffs. The goal of the meeting was to familiarize the members of the City Council’s Committees with the issue of stormwater management-related threats and opportunities in Lodz as well as tested tools and policies applied in other countries, particularly Germany.
September 7 <sup>th</sup> 2009	Meeting of three City Council’s Committees – Committee for the Protection and Shaping of the Environment, Committee for Housing and Municipal Management, Committee for Spatial Planning, Building and Architecture with presenters and participants representing The Lodz

	Infrastructure Company, Spolka Teren S.A., City of Lodz Office's Studio for Spatial Planning, International Institute PAS – ERCE u/a UNESCO, Technical University of Lodz, as well as Dr Heiko Sieker of Sieker GmbH from SWITCH Germany, on stormwater management and tariffs. The goal of the meeting was to familiarize the members of the City Council's Committees with the issue of stormwater management-related threats and opportunities in Lodz as well as tested tools and policies applied in other countries, particularly Germany.
October 7-10 2009	<p>LA Delegation at the Delft Future Water Cities Summit – the delegation included:</p> <ul style="list-style-type: none"> <li>– three representatives of the City of Lodz Office (Wojciech Michalski – Head of the Department of Strategy and Analysis, Ewa Jasinska – Deputy Director of the Department for Municipal Management, Anita Waack-Zajac – Head of the Subdepartment of Infrastructure),</li> <li>– a journalist from Gazeta Wyborcza – Aleksandra Hac,</li> <li>– SWITCH Lodz Learning Alliance Facilitator – Monika Dziegielewska-Geitz,</li> <li>– SWITCH Lodz GIS specialist – Malgorzata Stolarska (ERCE u/a UNESCO);</li> </ul> <p>Part of the Summit's activities were workshops with the Lodz LA Delegation to integrate cross-department thinking towards integrated strategic planning</p>

There are regular face to face meetings with LA members or their groups, representing particular interests and/or regarding particular issues (e.g., meetings with the City Office representatives, planners, engineers, developers, WWTP staff, others). In the period from August and October 2009 a meeting with three City Council's Committees and meetings with individual stakeholders – such as the Department of Municipal Management, “Nasze ZOO” Foundation, MOO MOO Architects regarding the concept of the Blue-Green Network and Green Yards were held.

*Further information is provided below:*

***Linking SWITCH to revitalization, redevelopment and spatial planning/development processes in the city – Development of the Concept of the Blue-Green Network***

In February 2009 the concept of the Blue-Green developed by Prof. Maciej Zalewski and the team at the II PAS – ERCE u/a UNESCO network was first presented at a conference

called “Lodz – the City of the Future” and organized by the Mayor Lodz. It is a new concept of urban space development, complementary to the traditional city planning concept of a green belt around a city. (for further information see previous reports or Lodz website)

In the period from August and October 2009 a meeting with three City Council’s Committees and meetings with individual stakeholders – such as the Department of Municipal Management, “Nasze ZOO” Foundation, MOO MOO Architects regarding the concept of the Blue-Green Network and Green Yards were held ending with a plan to organize a special seminar for urban planners, architects, landscape architects, engineers and developers about the concept of the Blue-Green Network, to develop the Blue-Green approach to city and architectural planning.

### ***Towards sustainable stormwater management process in Lodz***

A meeting was held with three City Council’s Committees, LA members and an external expert on stormwater management and tariffs. The Committee for the Protection and Shaping of the Environment, Committee for Housing and Municipal Management, Committee for Spatial Planning, Building and Architecture interacted with the Lodz Infrastructure Company, Spolka Teren S.A., City of Lodz Office’s Studio for Spatial Planning, International Institute PAS – ERCE u/a UNESCO, Technical University of Lodz, and Dr Heiko Sieker (SWITCH Germany). The goal of the meeting was to familiarize the members of the City Council’s Committees with the issue of stormwater management-related threats and opportunities in Lodz and tested tools and policies applied in other countries, particularly Germany. The conclusions of the meeting were that there is a lack of coordination of activities – there is an urgent need to undertake integrated actions immediately as well as to develop short- and long-term strategies. Goals and phases for activities need to be formulated. The city should prioritise becoming a better quality place of living. The instructions in the planning documents regarding use of water, river valleys (as a zone of reception of waters) important for the city management should be treated as priority.

### ***Collaboration with stakeholders on rivers-related issues***

Results of the research on POP in the Sokolowka river have stimulated joint efforts by the International Institute PAS - ERCE u/a UNESCO, WIOS (Voivodship Inspectorate of Environmental Protection), ZWiK (Waterworks and Sewage Company) and the Department of Municipal Management of the City of Lodz Office, towards the improvement of water quality in The Sokolowka and Brzoza rivers will be. A meeting called by ERCE u/a UNESCO with representatives of these stakeholders was held in July. This concluded with a letter to the Mayor of Lodz calling for actions to identify polluters discharging sewage to the Sokolowka and Brzoza rivers and to execute the law, which forbids the discharge. Tasks for each of the stakeholders were identified. A meeting of Professor Zalewski with the Mayor has been requested to discuss further steps by the Municipality. It was recommended that “Straz Miejska” (“City Guards”) – a form of municipal police – take trainings raising their awareness and knowledge regarding the execution law in the area of illegal sewage discharge. The follow-up of the meeting is expected in mid-December.

### ***Presentations at conferences***

**Meeting of three Lodz City Council's Committees** – Committee for the Protection and Shaping of the Environment, Committee for Housing and Municipal Management, Committee for Spatial Planning, Building and Architecture, 7 September 2009

**Extensive presentation of the SWITCH Project** – research, applications and the Learning Alliance concept and methodologies at the Advanced Ecohydrology Course, 14-22 September, Tresta/Lodz

**Presentation in Plock at the international UNITAR/CIFAL Workshop** on “Sustainable Development and Environmental Education”, SWITCH Lodz in project as an example of awareness and capacity building in the field of sustainable development and environmental education

**Presentation of SWITCH Lodz Project in Spala at the Forum for the Promotion of the Lodz Voivodship**, 12 October 2009

**Presentation of SWITCH Lodz project progress at the Future Water Cities Summit**, 7-10 October Delft

### ***Other progress:***

**Several concept notes and proposals have been developed in 2009. Discussions about** Further collaborations with the City of Lodz Office are also ongoing (see previous reports for further details)

Funding for one project – the Blue-Green Network has been granted (Mayor of the City of Lodz grants)

### ***Collaboration with NGOs***

New NGOs joined the Lodz LA on the occasion of the Blue-Green network development launch, such as ZRODLA, GPO, “Lodz on Bicycles”, the first workshop meeting was held on April 14<sup>th</sup> 2009.

In September a meeting with the “Nasze ZOO” Foundation on the future collaborations in the “Green Yards” initiative was held (Dr Iwona Wagner, Monika Dziegielewska-Geitz, Jerzy Dauksza)

### ***Published articles and book chapters:***

- An article in Gazeta Wyborcza – “May Lodka be a river again?”, August 2009, A. Hac
- Article in Gazeta Wyborcza on SWITCH as part of the Advanced Course in Ecohydrology, Septemeber 2009, A. Hac
- Article in Gazeta Wyborcza on the Future Water Cities Summit in Delft, October 2009

## **3. Future plans**

- a. Strategic Planning Process in joint collaboration with Tel Aviv is being developed to be launched in January 2010 and end at the end of 2010.
- b. Preparation of the trip for 12 LA Representatives to visit the sites in Germany and Netherlands in April 2010

- c. **ICLEI – IUWM Training:** Executive Seminar/Module A-1/A-3 May 2010, Strategic City Planning (ICLEI, Tel Aviv) Initially scheduled for April 2009 has had to be rescheduled because of the Tel Aviv counterparts availability, Executive Seminar on WP 1.1
- d. **Strategic planning,** Backstopping support from SWITCH for the next steps of the water strategy building to lead to a development of a Short Strategy Document for Water Management WP 1.1, WP 6.2 - the Lodz LA Team trained about the next steps of the Strategic Planning Process
- e. **2<sup>nd</sup> round LA Monitoring & Evaluation**
- f. **Series of meetings with LA and experts for Strategy Building** to create scenarios as a follow-up after the visioning workshop according to the visioning methodology provided by SWITCH WP 1.1, WP 6.2 - building the demand-led research basis for the strategic document; June 2009 till June 2010
- g. **Strengthening the activities on higher level in the City Office and nationally** - presentations and meetings with key LA stakeholders on the City to harmonize SWITCH activities/Learning Alliance workshops. – *ongoing*; a major event on the city/international level will be participation by four key LA Stakeholders in the Future Cities' Water Forum in Delft

## SWITCH Deliverable Briefing Note Template

<b>SWITCH Document D6.2.8</b> Regular reports by learning alliances
Regular reports on research and demonstration activities and related learning and uptake within the LAs in each city against the agreed monitoring framework (e.g. every 6 months). In practice this was carried out quarterly, although not completed by all cities.
<b>Deliverable reference:</b> D6.2.8
<b>Author(s) and Institution(s)</b> learning alliance facilitators (various)
<b>Publication date:</b> various
<b>Audience</b> Internal. These reports were continuously published on the intranet during the project and used for management purposes.
<b>Purpose</b> Internal project management.
<b>Background</b> n/a
<b>Potential Impact</b> n/a
<b>Recommendations</b> n/a