

**International Symposium and Workshop on  
CITY WATER INDICATORS FOR THE STRATEGIC PLANNING OF  
TEL- AVIV - YAFO  
Crown Plaza, Tel-Aviv, January 13-14, 2010**

Dear SWITCH members and water professionals,

Since 2006 our international consortium has been working to develop a new approach to Urban Water Management within the EU-funded SWITCH project. The consortium is coordinated by UNESCO-IHE, an international organization based in the Netherlands. The project aims to bring together scientists and professionals in a number of cities, with the aim to develop productive new strategies for water in their cities.

The two Israeli partners in the project, namely the Hebrew University of Jerusalem and Mekorot National Water Company, together with SWITCH, have discussed the possibility to prepare a Water Strategy for Tel Aviv with the city experts. In fact, we have established a "Water Club", with members from a number of organizations (Tel Aviv Municipality, Water Authority, various ministries, Hebrew University, Mekorot and others). This "Water Club" has met several times during the last two years and has discussed new ways of managing water in Tel Aviv. These discussions have been very lively and many interesting new options for water management have been identified.

At this point in the project (duration 2006–early 2011) we feel that it is important to translate these ideas and options into more tangible strategies for the city. And, to include those water strategies into the official strategic plan for the city. Obviously, such strategies should be developed in a more formal framework with strong involvement and ownership of the process by Tel Aviv Municipality. Indeed, the municipality of Tel-Aviv has decided to join the project and to develop Indicators of water management for the city, as part of it's Strategic Plan for a sustainable city.

This meeting is aimed at the following Objectives:

- To promote the role of the Strategic Planning (SP) process
- To explain SP and indicators to Learning Alliances (LA) and wider audience; give examples from other (SWITCH) cities
- To discuss (in general) vision, scenarios and strategies for Tel Aviv's (TA) water system
- To get some inspiring presentations on strategies
- To agree on process to arrive at inclusion of water in TA's strategic plan, including water indicators.

**Peter van der Steen**

Chair, Steering Committee

**Avi Aharoni**

Co-Chair, Organizing Committee

**Avner Adin**

Co-Chair, Organizing Committee

## **Conference Program**

Wednesday, January 13, 2010

### **SYMPOSIUM IN CROWN PLAZA HOTEL**

#### **8.30- 9.00 REGISTRATION AND COFFEE**

#### **9.00-11.00 OPENING SESSION**

Co-Chairs: Prof. Avner Adin, Mr. Avi Aharoni

#### **9.00-9.30 Welcoming addresses.** Presenter: Prof. Avner Adin, Hebrew University

- Prof. Kala Vairavamoorthy, Chief Scientist SWITCH
- Tel-Aviv Mayor/deputy, TBA

#### **9.30-11.00 KEYNOTE LECTURES**, Presenter: Avi Aharoni, Mekorot

##### **9:30 Water Master Plan for the State of Israel**

Mr. Miki Zaide, Strategic Planning, Israel Water Authority

##### **10:00 Red Sea – Dead Sea Water Conveyance Project: design, economics and public acceptance**

Mr. Daniel Hoffman, ADAN Technical and Economic Services Ltd., Israel

##### **10:30 SWITCH Overview and Update**

Prof. Kala Vairavamoorthy, UNESCO–IHE, The Netherlands

#### **11.00-11:30 COFFEE BREAK**

#### **11.30-13.00 SESSION A - INDICATORS IN SELECTED SWITCH CITIES**,

Co - Chair: Prof. Nilo Nascimento, Mr. David Jackman

##### **11.30 Indicators as Part of Strategic Planning for City Water Management**

Dr. Peter van der Steen, UNESCO–IHE, The Netherlands

##### **11.55 Incorporation of Indicators in Lodz Vision**

Ms. Monica Diezlewska-Geitz, Lodz, Poland

##### **12.20 Incorporation of Indicators in Belo Horizonte Vision**

Prof. Nilo Nascimento, UMFG, Brazil

##### **12.45 Discussion**

#### **13.15-14.30 LUNCH BREAK AND NETWORKING**

#### **14.30-16.00 SESSION B - INDICATORS IN VISION AND STRATEGIES OF**

**TEL AVIV**, Co - Chair: Dr. Peter van der Steen, Ms. Tami Gavrieli

14.30 **Strategic Planning for the Urban Water System of Tel-Aviv-Yafo, Action Plan and Preliminary Results**

Moshe Ben-Sasson, HUJI and Tami Gavrieli, Head, City Planning Dept. of Tel Aviv, Israel

15.05 **Past, Present and Future of the Water in the City of Tel Aviv,**

David Jackman, CEO, Mei Aviv–Tel Aviv-Jaffa Water Corporation, Israel

15.40 **Proposal for Indicators and Modeling for the City of Tel Aviv,**

Presentation of MS Thesis of Tong Thi Hoang Duong, UNESCO-IHE, The Netherlands

**16.00-16.30** **COFFEE BREAK**

**16.30-18.00** **ROUND TABLE DISCUSSION, CONCLUSIONS AND FUTURE PLANS**

Moderator: Ms. Carol Howe, SWITCH Project Manager

- **Discussion for Summarizing Points Related to Strategy and Water Indicators that will be Incorporated in the Strategic Plan of Tel Aviv**

Participants:

Mr. Miki Zaide, Dr. Peter van der Steen, Ms. Monica Diezlewska-Geitz, Ms. Tami Gavrieli

**19:30** **DINNER** only for international guests and for invited local team members

Thursday, January 14, 2010

**PROFESSIONAL FIELD VISITS TO SWITCH PROJECTS**

- 08:00 **Departure**
- 08:30 **Yarqon River Rehabilitation Project**, Dr. David Pargament, General Director of YRA – Yarqon River Authority activities and developing plans for the Yarqon rehabilitation
- 11:30 **Gray Water Project in Ganei Tikva**, Mr. Nitzan Horowitz, Parliament Member, Mr. Avishay Levin, Mayor of Ganei Tikva, Mr. Ehud Leshem, Consultant
- 13:00 **Light lunch** – on the driving to the Shafdan
- 13:45 **Shafdan Demo and Research Projects – Presentations and Tour of the Different Pilot Projects**
- Shafdan Water Reclamation Project presentation
  - Soil-Aquifer Treatment (SAT) – Nanofiltration (NF)
  - Ultrafiltration (UF) – Reverse Osmosis (RO)
  - Electroflocculation (EF) – Constructed Wetlands (CW)
- 17:30 **Back in hotel**

**ORGANIZATION**

**INTERNATIONAL STEERING COMMITTEE**

Dr. Peter van der Steen (UNESCO–IHE), Chair, Prof. Kala Vairavamoorthy (UNESCO–IHE), Ms. Carol Howe (UNESCO–IHE), Mr. John Butterworth (IRC-International Water and Sanitation Center), Prof. Avner Adin (HUJI), Mr. Avi Aharoni (MEKOROT).

Committee Secretary: Dr. Haim Cikurel (MEKOROT)

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**LOCAL ORGANIZING COMMITTEE**

Prof. Avner Adin (HUJI), Mr. Avi Aharoni (MEKOROT), Co-Chairs, Dr. Peter van der Steen (UNESCO–IHE), Dr. Haim Cikurel (MEKOROT), Ms. Luba Rubinstein (HUJI), Dr. Gilad Axelrad (DGA Projects, Ltd)

Committee Secretary: Mr. Moshe Ben Sasson (HUJI)

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