

SWITCH

A global team

for the City of the Future



Climate change



Increased urbanization, growth



Aging or insufficient infrastructure



New challenges – New Thinking

- Entire earth system is changing!
 - a) Scenarios
 - b) Visualization of problems and solutions
- Discover and mimic nature's solutions!
- Adapt rapidly



SWITCH

Sustainable
urban water management
for the
City of the Future

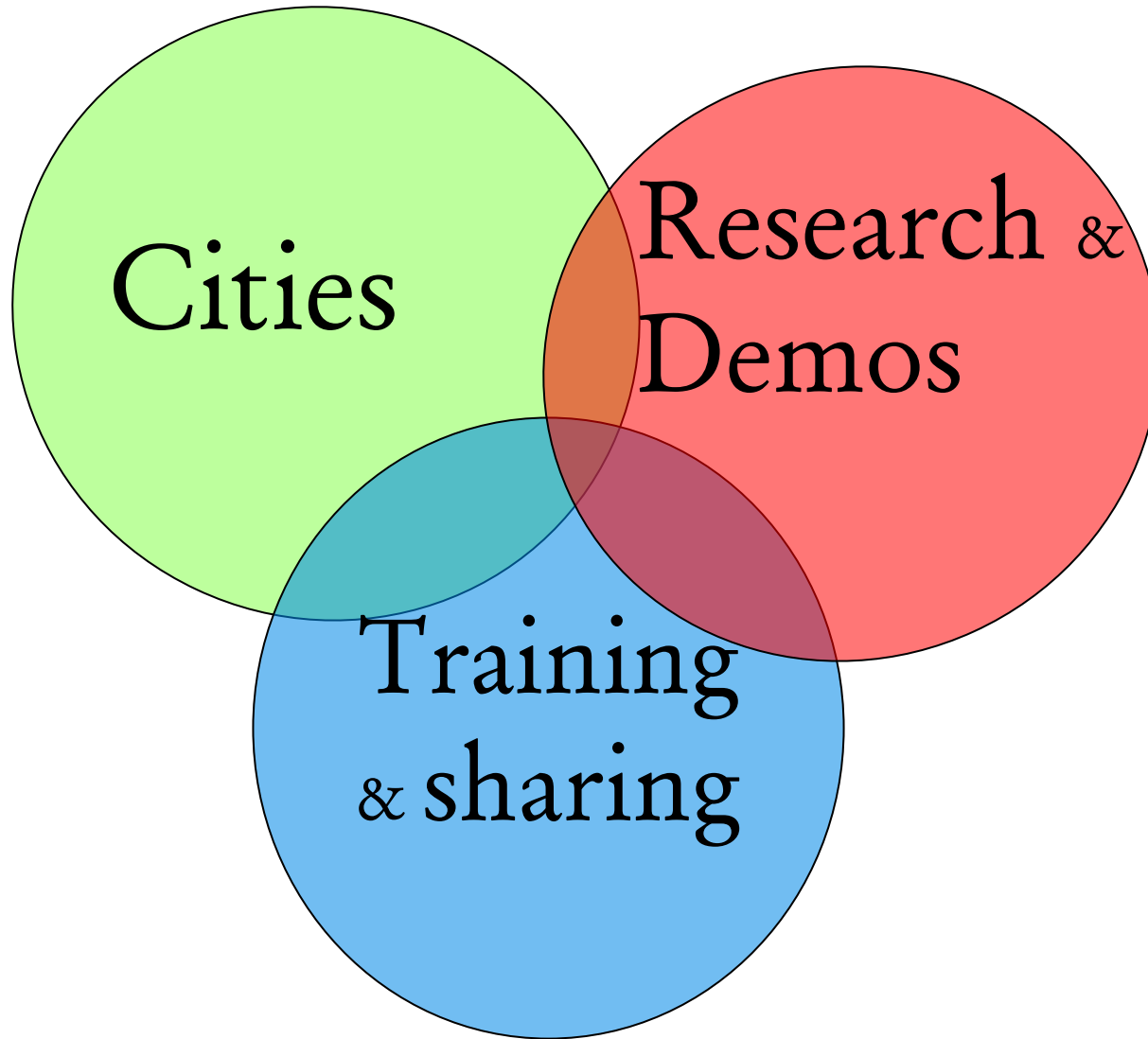
10 global cities



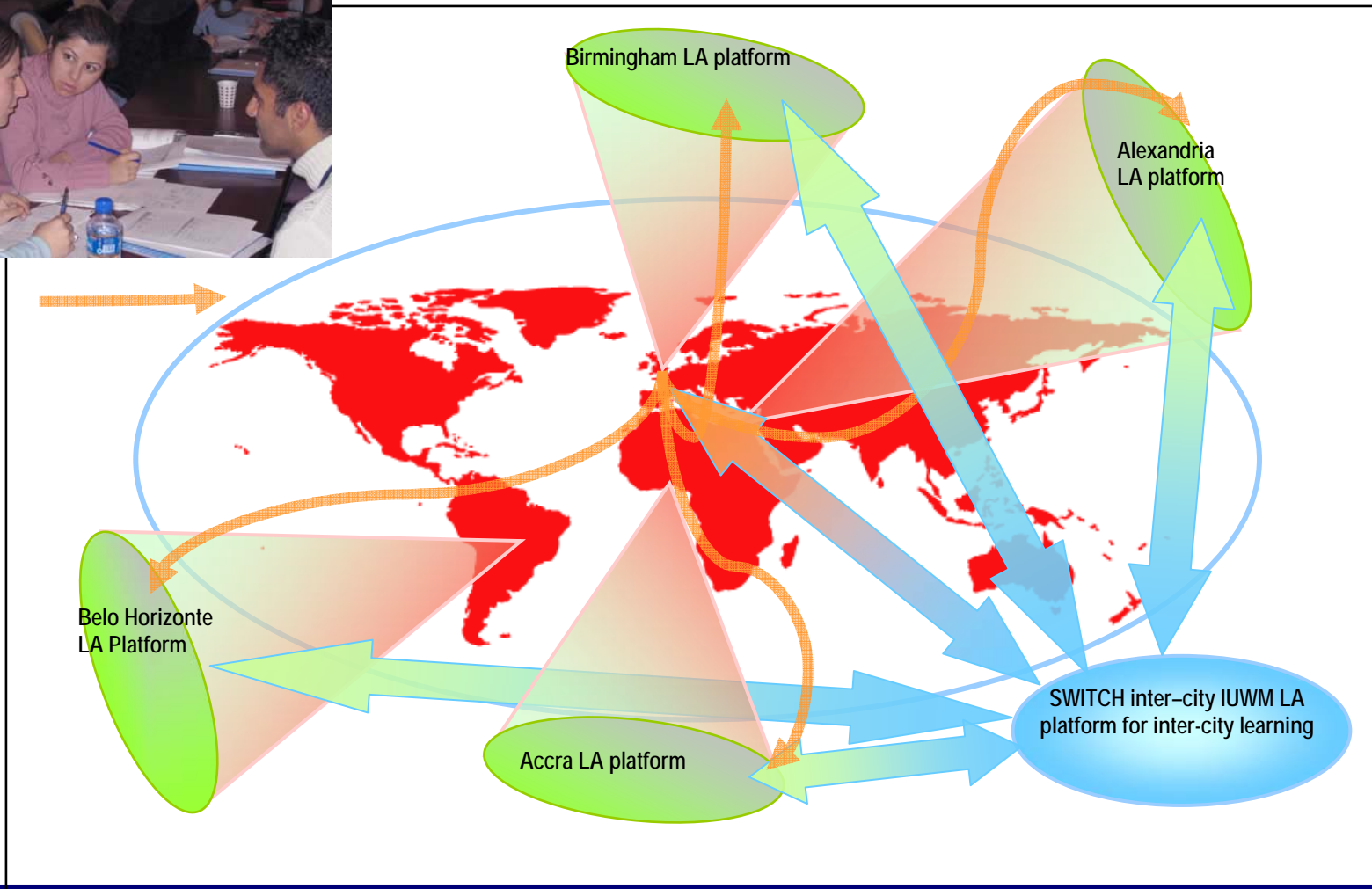
32 partners in 15 countries

The Netherlands, UK,
Germany, Israel, Brazil,
Colombia, Peru, Spain,
China, Ghana, Greece,
Palestine, Egypt, Poland,
Switzerland

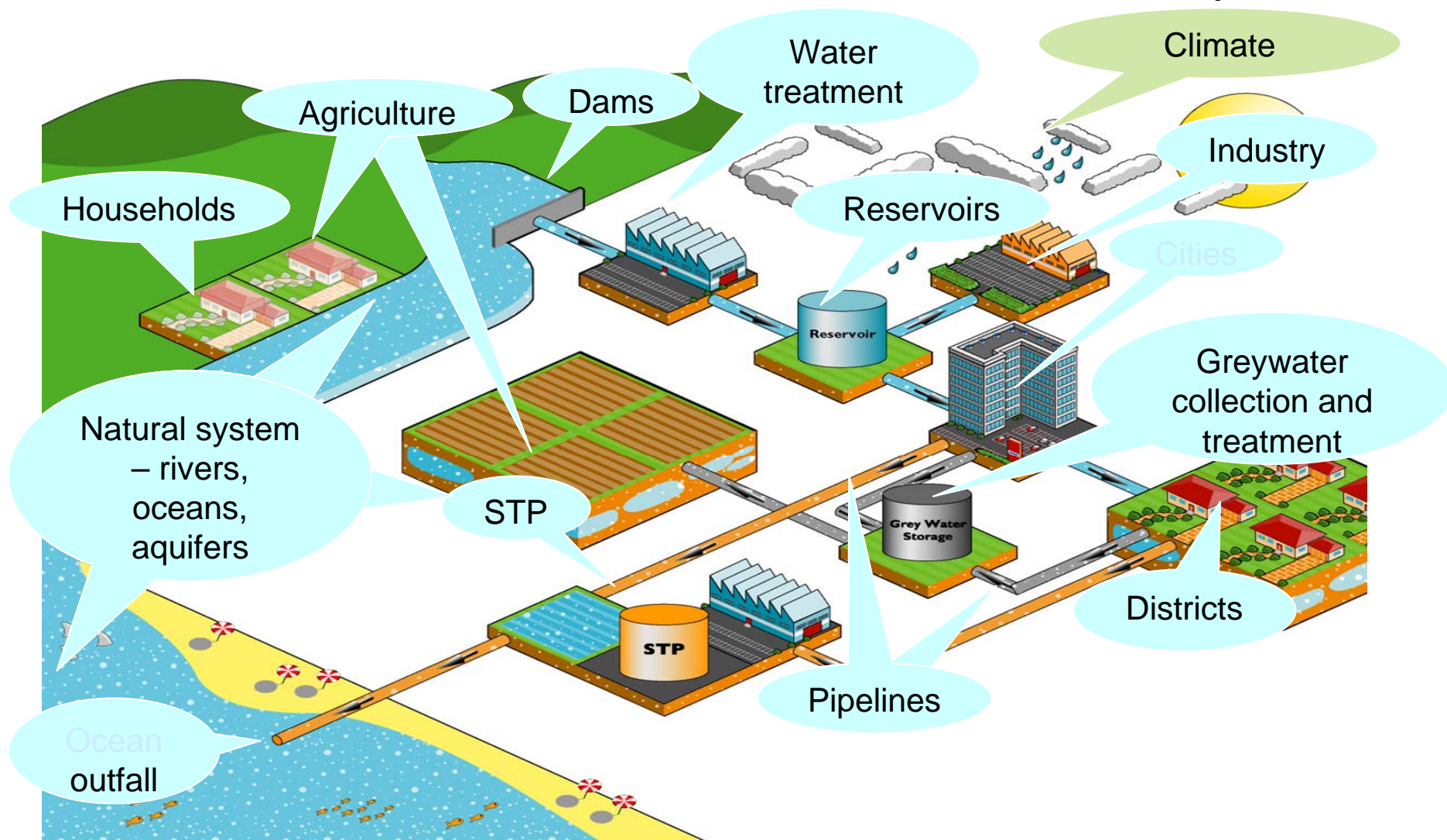




Learning Alliances



Research covers the entire water cycle



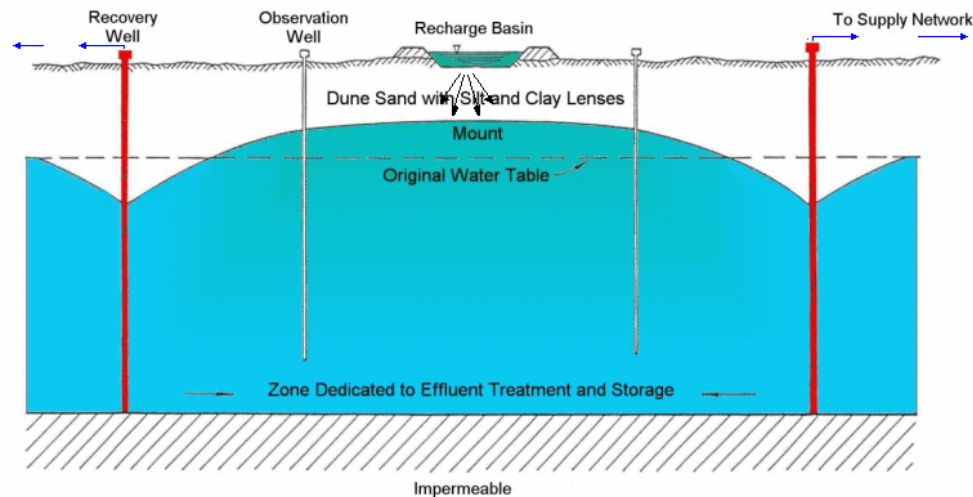
Storm water management

- Quantifying risk
- Innovative approaches.
 - a) Infiltration, green roofs, groundwater recharge.
- New tools to support new approaches.
- Storm water is a resource!



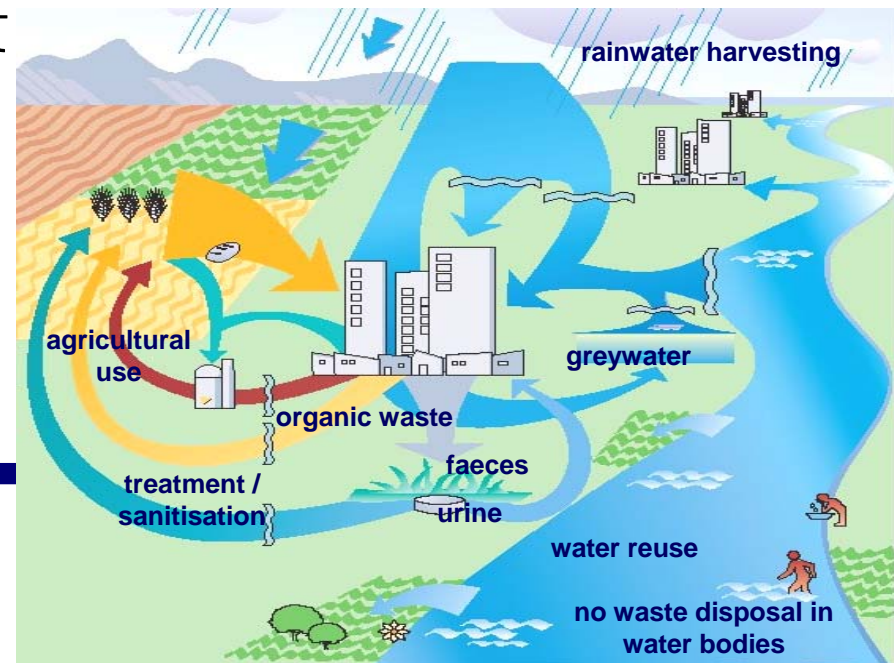
Efficient use of water

- Servicing more – disturbing less.
- Innovative demand management.
- Minimize losses.
- Recycling



Closing loop systems

- Ecological Sanitation.
- Treating at origin
- Reduce mixing foul water with clean water
- Waste water is full of nutrients – recover!

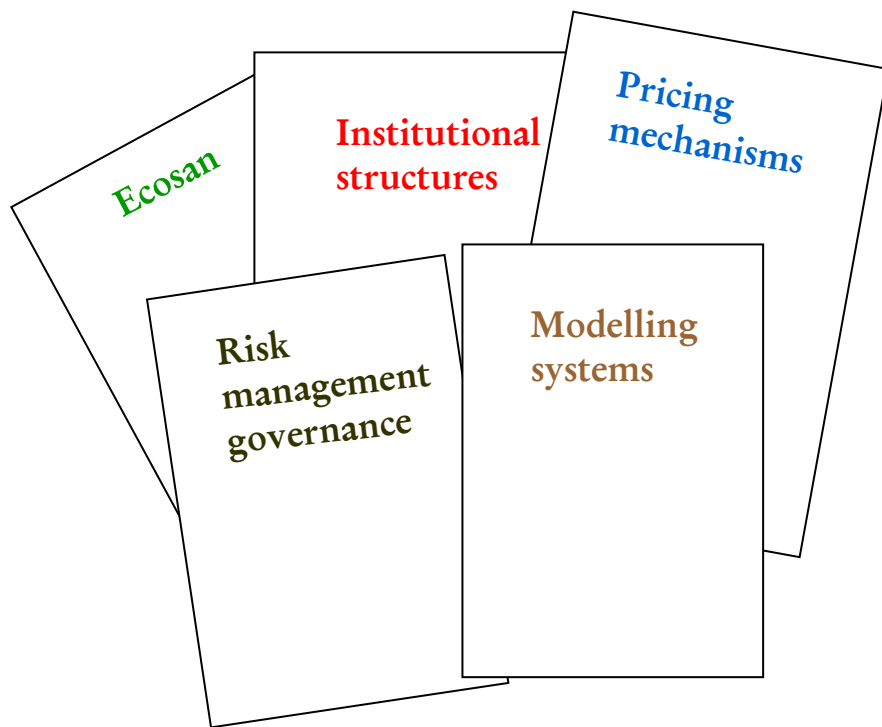


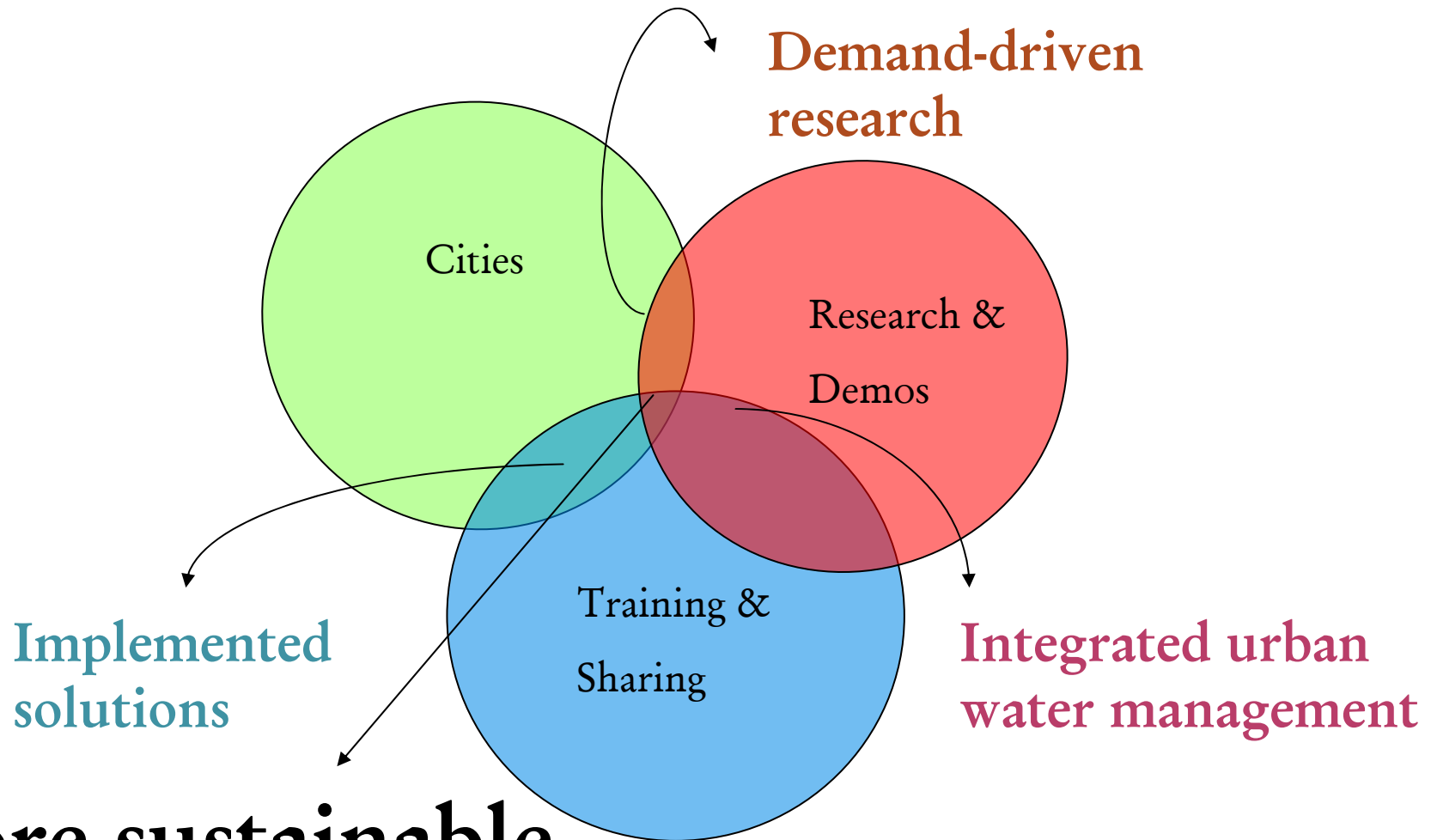
Good foundations for change

- “Governance beyond governments”
- Institutional structures
- Social inclusion
- Adaptive economics



Sharing the knowledge





**More sustainable
solutions**



Hamburg



Beijing



Birmingham



Lodz

SWITCH: a tool where integrated solutions shape the city daily functioning



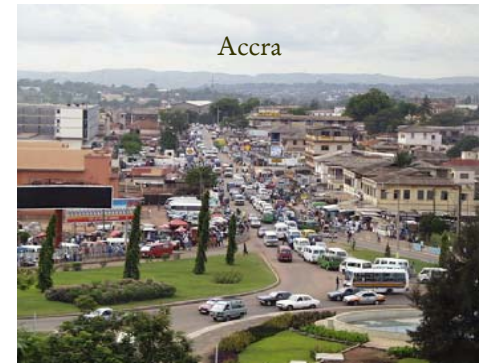
Zaragoza



Alexandria



Chong Qing



Accra



Tel Aviv



Belo Horizonte

SWITCH ON!

