

INNOVATIVE IDEAS

Ideas include: nano-filtration for soil aquifer recharge, rainwater collection and leakage reduction for water supply, wastewater technologies like Eco-Sanitation and urine reuse and wetlands, green roofs and source control for stormwater and eco-hydrology and eco-friendly dikes for natural systems.



Rainwater Harvesting - Beijing



Green Roofs - Birmingham



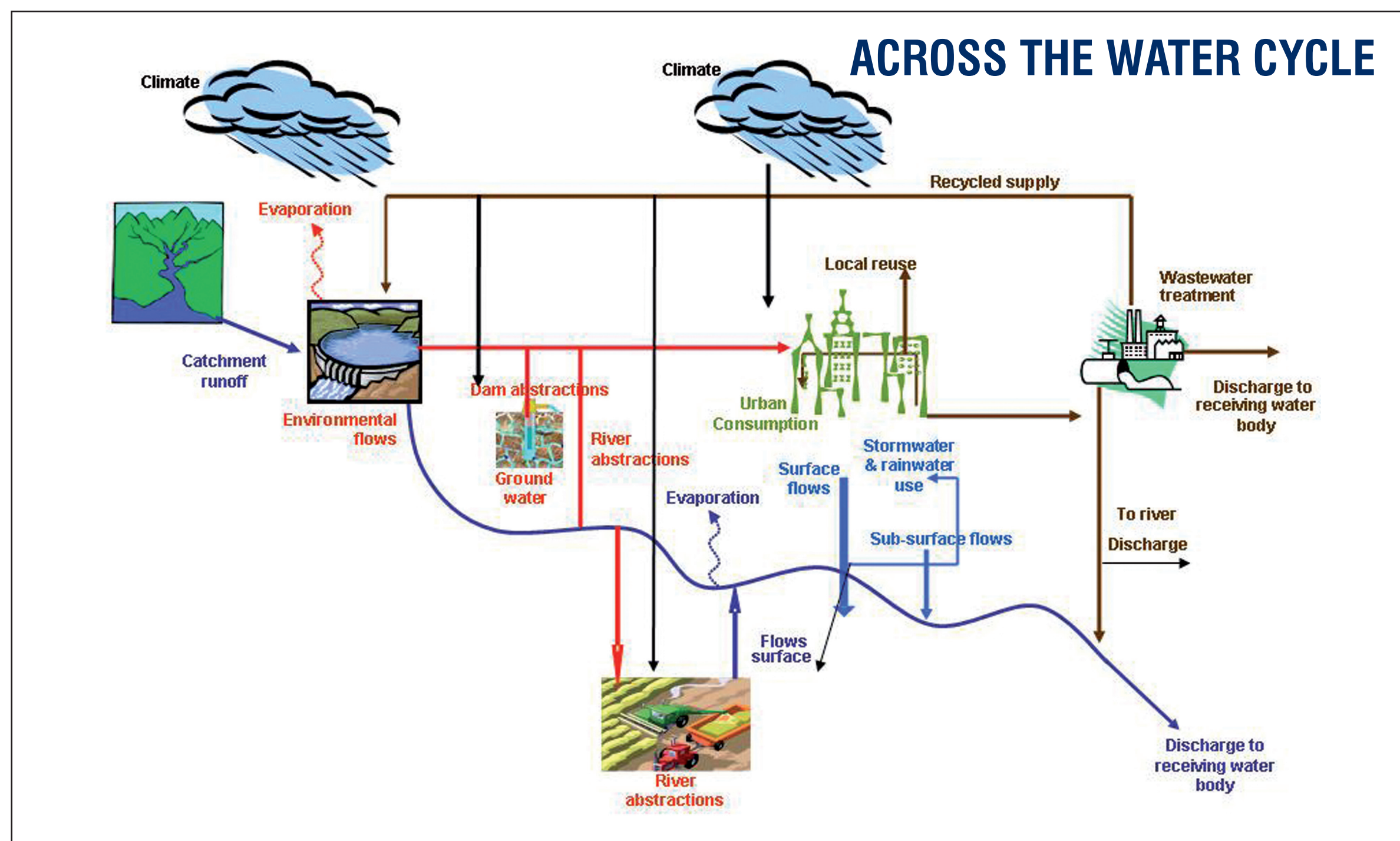
Vilarinho Wetland Scheme - Belo Horizonte



Soil Aquifer Treatment - Tel Aviv

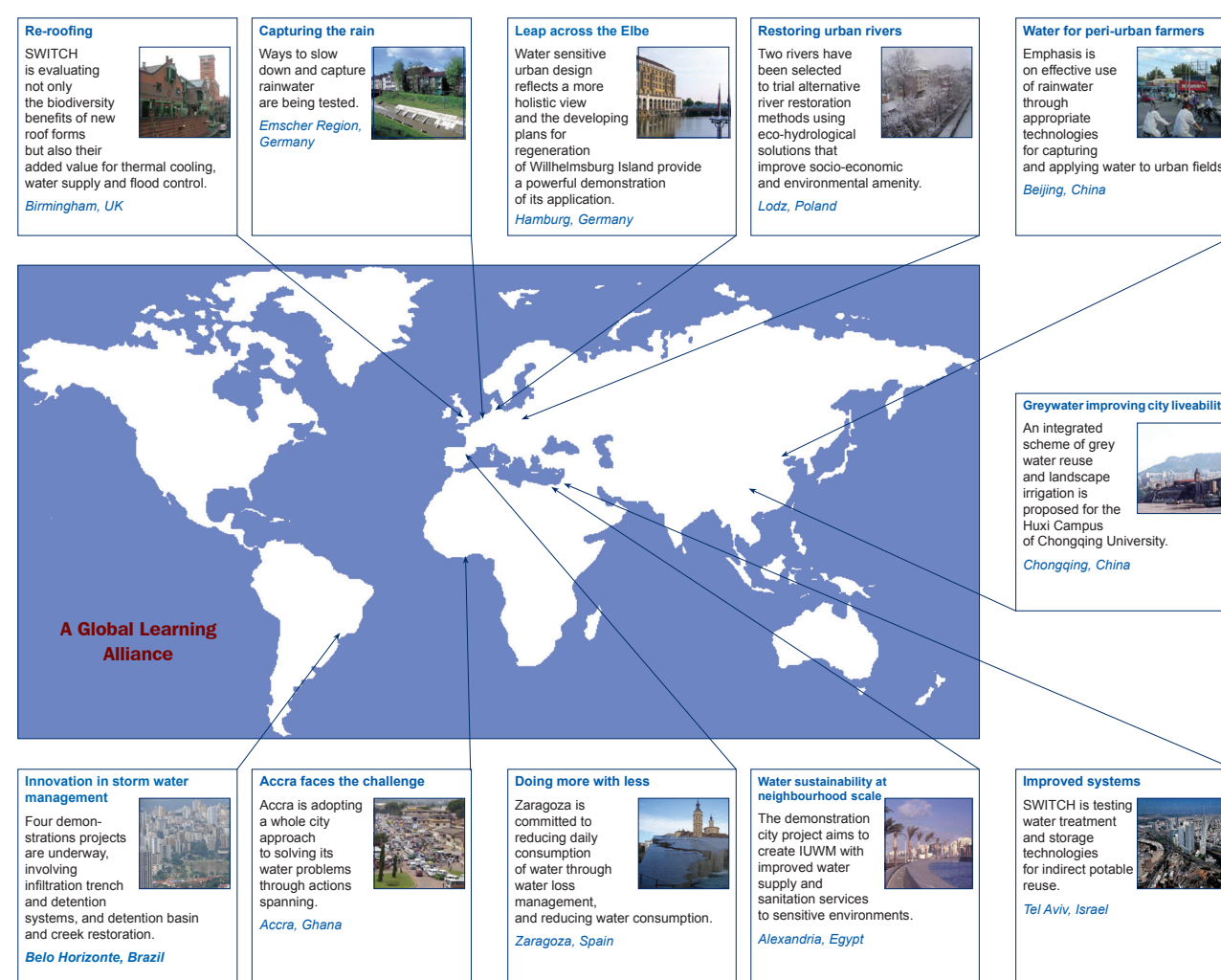
(IMPLEMENTED BY LOCAL "LEARNING ALLIANCES")

In SWITCH cities Learning Alliances help to guide the development of demonstration activities as well as providing host facilities, local data and models, knowledge, funds and other support. SWITCH is testing the theory that active involvement and implementation by local partners will lead to increased up-scaling of demonstrations to standard practice.



IN CITIES AND SITES AROUND THE WORLD

Demonstrations that address a wide range of current technical, institutional, climate and economic conditions and future challenges ensures that SWITCH will have relevance and impact both locally and globally.



Learning Alliance: Accra



Learning Alliance: Alexandria



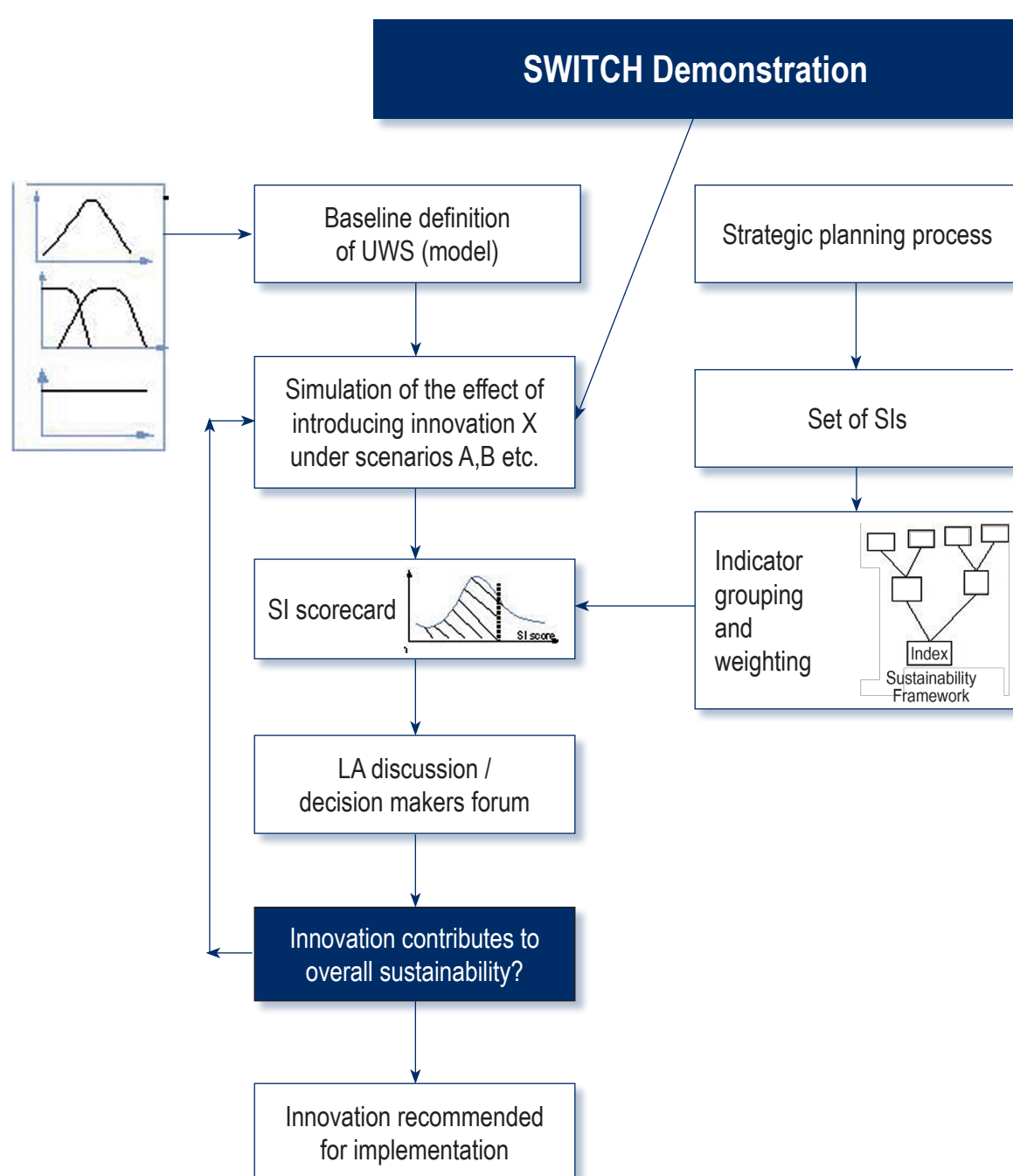
Learning Alliance: Birmingham



Learning Alliance: Hamburg

FOR STRATEGIC DECISION MAKING

Innovations being demonstrated by SWITCH provide critical input for strategic decision-making by providing social, economic, environmental and technical data on potential options.



AND GLOBAL IMPACT

Demonstrations are proving that water systems can beneficially reuse water and nutrients at the same time that energy and costs are reduced. Work is beginning on transfer of knowledge between demonstration cities such as Soil Aquifer treatment training from Tel Aviv to Accra and Beijing.

Techniques and lessons learned from demonstrations are being used to develop a modular, global training package for inclusion into a spectrum of existing training initiatives that target a wide range of relevant audiences. Fact sheets and policy briefing notes are being written to influence wider adoption by decision makers.

