


Funding Agency	  <p>EU</p> <p>with</p>  <p>UNESCO-IHE Institute for Water Education</p> <p>UNESCO-IHE Institute</p> <p>as a Grant holder</p>
Project Title	Sustainable Water Management Improved Tomorrow's Cities' Health
Title	Work package 1.2: Modeling of urban water systems and the development of a decision support system
Objectives for (Package 1.2)	<ol style="list-style-type: none"> 1. To develop and apply models of urban water systems and develop a decision support system. 2. Examination of the sensitivity of so-called sustainable stormwater technologies which are appropriate for coping with increasing urbanisation on local, national and global scales in combination with impacts such as climate change scenarios, higher housing densities and changing socio-economic factors.
Title	Work package 4.1: Modeling of urban water systems and the development of a decision support system
Objectives for (Package 4.1)	<ol style="list-style-type: none"> 1. To assess the adoption, operational functioning and performance of urban ecosan systems in EU- and non-EU cities. 2. To develop and optimise treatment processes to remove organic micro pollutants (pharmaceuticals, water dissolved hormones) from concentrated flows. 3. To develop strategies and guidelines for agricultural use of nutrients recovered by ecosan systems. 4. To develop technical standards for the technology components of urban ecosan systems. 5. To develop a demonstration project in the city of Beijing and / or city of Qong Qing, PR China. 6. To widely disseminate the results of the work package through the Learning Alliance, e-learning, various trainings and stakeholder seminars.
Project Partners	32 Countries, See http://www.unesco-ihe.org

Project Outputs

Reports

- Decision Support System for Water Management in Jericho City
- Workshop and Training to use WMRTPAL DSS Software developed for Jericho Municipality
- Background Document on the Case Study of Jericho City
- Pharmaceutical compounds in environment
- Survey of used pharmaceutical compounds
- Evaluation of Environmental and Socio-Economic