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Adaptive Decision Support System (ADSS) for the Integration of Storm Water Source Control into Sustainable Urban Water Management Strategies

WP2 Adaptive Decision Support System (ADSS) production
Leader: Jan Krejčík; DHI - Czech Republic

Design of ADSS requirements and information from: WP3-6 (top-down approach) & WP7 (bottom-up approach); design of adaptive components and production of software tested by end-users.

WP4 Risk and impact assessment
Leader: Peter Steen Mikkelsen; DTU - Denmark

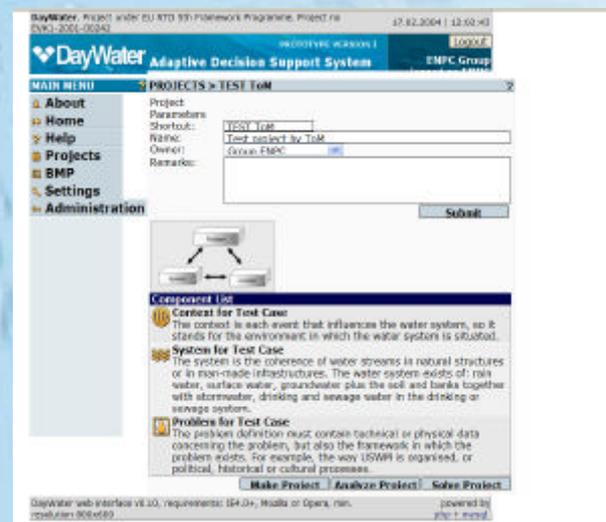
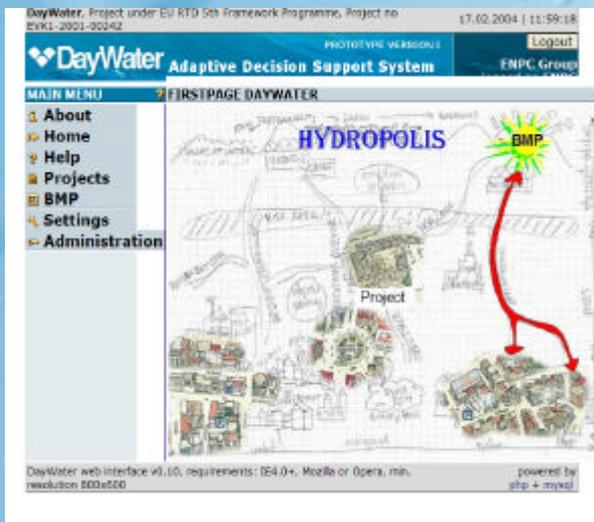
Inventory and characterisation of various types of risks, including estimated and perceived risks; create a methodology for evaluating and estimating environmental hazards and risks in stormwater related issues; definition of potential priority pollutants (PPP); assessment of the ecosystem vulnerability by biotests.

WP3 Urban dynamics
Leader: Govert Geldof; TAUW - Netherlands

Identification of interactions between USWM and other related processes concerning aspects of urban natural environment, social structures and economical conditions; interactions visualised with "mental maps"; processes analysis with "attractor analysis".

WP5 Multi-criteria analysis of structural and non-structural Best Management Practices (BMPs)
Leader: Mike Revitt; MU - United Kingdom

Develop generic and user-friendly methodologies for sustainable performance – efficiency comparisons of structural and non-structural BMPs: multi-criteria analytical approach.



WP6 Sources and Flux Models (SFM)
Leader: Gilbert Svensson; Chalmers Univ. - Sweden

Design of a software framework for urban runoff water sources and fluxes simulations with GIS-based topological representation and hydrological model of the catchment area; enable an analysis of the sources and fluxes for a wide range of pollutants (in relation with WP4).

WP7 Field testing
Leader: Jean-Claude Deutsch; Cereve ENPC - France

Create and guarantee information flux between end-users and scientific partners; ADSS responds to the actual needs of end-users: terms of reference (ToR), organisation and exploitation of ADSS field testing

WP1 - Coordinators: Daniel Thévenot & Miriam Förster
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