

	<p>Integrated Support System for Efficient Water Usage and Resources Management  Coordinator: Dr Ewa Magiera  ewa.magiera@us.edu.pl; issewatus@us.edu.pl  <a href="http://issewatus.eu">http://issewatus.eu</a></p>	
Product/service name	Short description of the product	Maturity level
DSS (Decision Support System) for the efficient water usage at households	<ul style="list-style-type: none"> <li>- detailed analysis of current domestic water related practice, identifying opportunities for reducing water consumption,</li> <li>- includes designing water demand reduction intervention approaches that offer maximum impact potential and minimum risk; trialing the intervention measures in realistic settings will allow to understand how householders react and respond, both in terms of behavioural interaction and in bottom line reduction in measured water consumption, over the short term and over longer periods,</li> <li>- DSS has been implemented as a backend (server based) application with the user interface for mobile devices offering cheap, easy to employ access to the gathered data (individual water usage) and advices produced by the DSS.</li> </ul> <a href="http://issewatus.eu/mod/resource/view.php?id=399">http://issewatus.eu/mod/resource/view.php?id=399</a>	pilot phase
DSS (Decision Support System) for efficient water management at municipal water company	<ul style="list-style-type: none"> <li>- rely on spatio-temporal model of water delivery and usage,</li> <li>- model is exploited to identify trends in water usage; it is also used to make advices leading to the reduction of water leakages from pipes; a flexible and upgradeable decision support system has been developed, consisting of a set of software modules, easy to integrate in water demand management, providing the basic functionalities and visual tools needed to support decision support functionality.</li> </ul>	pilot phase
Social-media platform: enabling and promoting water-saving behaviour	<ul style="list-style-type: none"> <li>- social-media platform "Watersocial" supporting the creation and deployment of a social network: local, national and international layer and aimed at water stakeholders (consumers and providers),</li> <li>- platform allows the communication and the creation of relationships between stakeholders and to produce and sustain an impact for the communities involved.</li> </ul> <a href="http://watersocial.org/">http://watersocial.org/</a>	pilot phase
Development and simulation of adaptive water price systems	<ul style="list-style-type: none"> <li>- adaptive water pricing system to assess the implications of current and optimal water pricing policies has been developed, by the following key elements: a) the use of big data to identify key influencers and to estimate essential marginal changes in water demand and usage, b) development of adaptive pricing models that relate the present to the future developments in water levels and in doing so ensuring sustainability, c) design of a DSS to support policy makers based on current measurements of the water household.</li> </ul>	pilot phase