



AQUAVAL - Sustainable Urban Water Management Plans, promoting SUDS and considering Climate Change, in the Province of Valencia



Expedient	LIFE08 ENV/E/000099	Date	01-JAN-2010 to 30-SEP -2013	Location	Comunidad Valenciana
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Coordinator	Ayuntamiento de Xàtiva				
Consortium	Ayuntamiento de Benaguasil, Spain		University of Abertay, United Kingdom		
	Fundación Comunidad Valenciana	Región Europea, Belgium	Perales Momparler Enginyeria S.L., Spain		
Objective	<p>The principal aim of the AQUAVAL project is to introduce the use of sustainable urban drainage systems (SUDS) to the municipalities of Xativa and Benaguasil. Specifically, the project will aim to:</p> <ul style="list-style-type: none">• Avoid combined sewer overflow in order to improve the water quality of the receiving water courses;• Avoid flooding within the urban areas during less heavy periods of rainfall, while taking into account the effect of climate change;• Reduce energy consumption;• Reduce 'hot spot' impacts in the two cities caused by large impermeable surfaces;• Exploit natural water resources (i.e. rainwater) by using it for example in irrigation, street cleaning, etc.;• Develop community environmental policy through the integration of environmental concerns into urban water policies, thereby contributing to sustainable development. <p>Two demonstration sites are planned (one per municipality) to promote the use of SUDS regionally, nationally and in other areas of southern Europe. Sustainable urban water management plans will also be drawn up in both Xativa and Benaguasil.</p>				
Expected results					