

Project profile

Name: RWH in *Sant Cugat del Vallès*

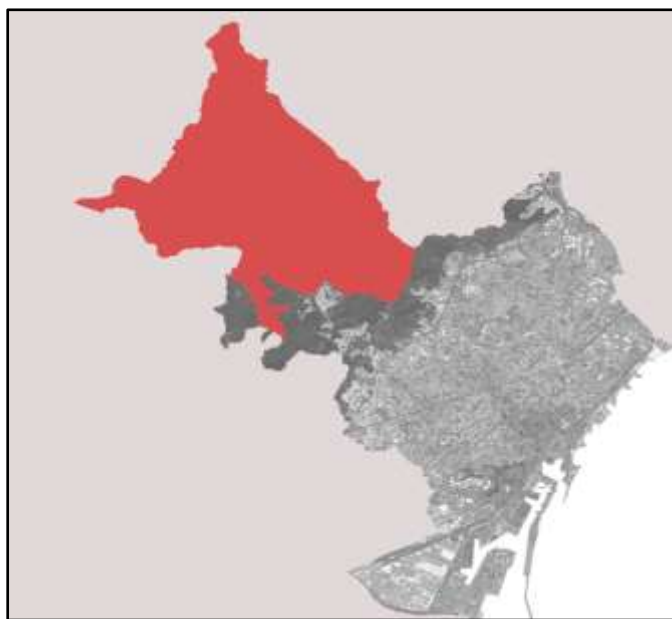
Address: *Sant Cugat del Vallès* City Council (Metropolitan Area of Barcelona)

Year(s): Since 2002

Size: 48,2 sq km

Cost: -

Technologies: **Individual** Rainwater tanks for houses



Fulfilled criteria	
Ownership/use	
Public/ pub. Service	
Commercial	
Residential	✓
Scale	
Large urban development	
Small/Individual building	✓
Temporality	
Established	✓
On-going	
Spatial scale	
Central	
Suburban (periphery)	✓
Format	
Neighbourhood / localized	✓
Lineal	
Mainstreaming potential	
Up-scaling	
Replication	✓

Project description-context: *Sant Cugat del Vallès* is a municipality located in the Metropolitan Area of Barcelona with a population of 87.118 inhabitants (2014). Since 2002, the municipality enforces an ordinance for saving water. Following this aim, *Sant Cugat del Vallès* mandates the installation of water saving devices such as water pressure regulators or dual flush toilets and the (re)use of local water sources such as rainwater, greywater and excess swimming-pool water in new buildings. In this case the focus will be in rainwater reuse and in the perception and acceptance of these measures by house owners.

Actors involved: *Sant Cugat del Vallès* City Council, households, private companies (installation, maintenance, etc).

Analytical dimensions covered	
Actors	Individual citizens are crucial to adopt this initiative. Interesting to know the motivation behind this ordinance and the acceptance by citizens
Plans/ Planning	First ordinance in Spain
Values	
Driving forces and constraints	
Impacts	Important experience with the ordinance, for assessing social, environmental and economical impacts, and also the point of view of residents
Technologies	Rain Water Harvesting systems
Process Dynamics	Evolution of the implementation mechanisms, learning processes and leadership, municipality of reference in the implementation of the ordinance

Methodology: Bibliography research, interviews with actors involved, focus group, site visits, **survey of rainwater users**, description of the technology implemented, and final Workshop (with the other two projects).