

## Project profile

**Name:** *Can Cortada*

**Address:** Neighbourhood of *Horta*. *Horta-Guinardó* District

**Year(s):** 2012

**Size:** 26.400 sqm

**Cost:** -

**Technologies:** draining pavement, filter strips, detention ponds and deposit.



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:** New residential development in the *Horta-Guinardó* district (the district with a low-middle average income of Barcelona). It is located in the foothills of the *Collserola* Mountain and therefore steep slopes are common. The project's goal is to collect runoff from roofs and streets through Sustainable Drainage System (SUDS), with the aim of reduce rainwater runoff in order to avoid the saturation of the sewage network. Aquifer recharge with a good quality water.

**Actors involved:** Driven by *Barcelona Gestió Urbanística S.A.* (BAGURSA), with different city departments intervening (Parks and Gardens, *Clavegueram de Barcelona S.A.* (CLABSA), groundwater, maintenance, paving, etc.). Other actors are commercial firms (Atlantis, Wavin), consulting firms (PMEnginyeria) and neighbourhood associations.

Analytical dimensions covered	
Actors	Interesting to see how different city departments and commercial firms driven by BAGURSA, have reached agreements in a project that use SUDS
Plans/ Planning	Interesting to see the evolution in planning
Values	Through public funding, worth seeing how this project may provide new social and environmental added value to a poor-middle neighbourhood
Driving forces and constraints	Individual interest of municipal architect
Impacts	Improve the urbanwater cycle – groundwater, environmental and social aspects
Technologies	Different SUDS implemented
Process Dynamics	Learning processes from past projects

**Methodology:** Bibliography research, 2 semi-structured interviews with BAGURSA and CLABSA, 1 focus group with neighbours, site visit, description of the technology implemented, and final Workshop (with the other two projects).