

Project profile

Name: *Jardinet del Pedró*

Address: *C/de Sant Antoni Abat. Ciutat Vella District*

Year(s): 2014

Size: 45 sq m

Cost: 90.000€ / 1.500€/year maintenance

Technologies: vegetated wall; solar panels that produce electricity to power a drip irrigation system. Irrigation feeds from a rainwater reservoir.



Fulfilled criteria	
Ownership/use	
Public/ Public 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: *Jardinet del Pedró* is located in one of the most dense and with less green spaces in the city. Because of unmanaged urban growth, in some cases, dividing walls in Barcelona are exposed causing an important impact on the urban landscape. The Municipal Institute of Urban Landscape and Quality of Life (IMPUQV) of Barcelona has created a plan to use these walls as new singular features of the urban landscape equipped with social, artistic and environmental values. *Jardinet del Pedró* is an example of this kind of interventions that includes a vegetated wall with an irrigation system using rainwater and solar panels.

Actors involved: IMPUQV (City Council), Alicante Forestal (commercial firm), Raval Theatre, owners of the building and neighbourhood association.

Analytical dimensions covered	
Actors	Different actors involve.
Plans/ Planning	Landscape and urban planning
Values	Interesting way to fund the project. The plan includes 4 possible funding typologies: public; private-public (private initiative with subsidies); private (through direct or indirect advertising) and sponsorship
Driving forces and constraints	Landscape and greening improve
Impacts	Interesting to know how this type of initiatives can be used to solve environmental, aesthetic and social problems. Large potential for mainstreaming
Technologies	Vertical garden
Process Dynamics	First vertical garden with RWH. Used to create a standard design to replicate easily

Methodology: Bibliography research, 3 semi-structured interviews with IMPUQV (City Council), Alicante Forestal commercial firm, Raval Theatre, site visit, description of the technology implemented, and final Workshop (with the other two projects).