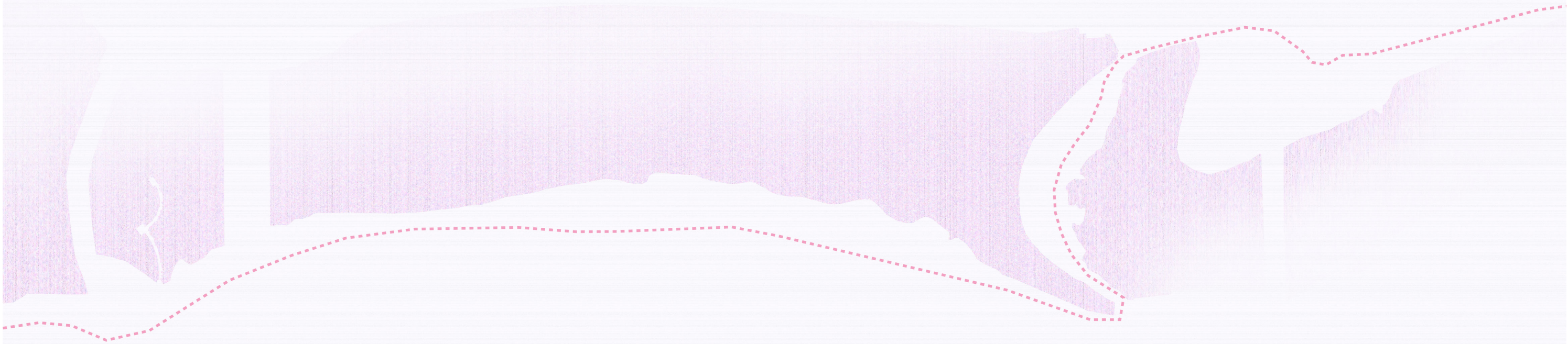


STEPS INTO THE RIVER



Country / City	Spain / Sant Cugat del Vallès
University / School	ETSAV (UPC)
Academic year	2017/18
Title of the project	Steps into the river
Authors	Javier Blasco, Laura Ciriano, Francesc Gené, Rafael Gil





PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

TECHNICAL DOSSIER

Title of the project	Steps into the river
Authors	Javier Blasco, Laura Ciriano, Francesc Gené, Rafael Gil
Title of the course	Master's degree in Architecture Vallès School of Architecture. ETSAB
Academic year	2017/18
Teaching Staff	Isabel Castiñeira, Roger Tudó
Department/Section/Program of belonging	
University/School	UPC

Written statement, short description of the project in English, no more than 250 words

The project is located in Sallent Municipality, crossed by river Llobregat. We are dealing with a river mecanized and domesticated by the old industry, which has lost his strenght as a natural axis. The aim of the project is to repare the existing discontinuities along the riverbank, both natural and physical. This way, it's intended to recuperate the relation among the neighbours of Sallent and the river, as well as to restore river Llobregat as a natural connector of biodiversity.

In the area of access to the river from the new bridge, the strategy consists in reusing the existing rocks as a passage through the river, evoking the old footbridge through a minimal and as natural as possible intervention. To do this, three reinforced concrete blocks are connected to each other by two cables in the form of a catenary, which join the existing rocks mentioned above.

Between the two bridges of Sallent, el Passeig del riu deals with the bad conditions of the road and the recent falling of the existings trees. The main project strategy tries to recuperate the riverbank environment introducing native species and resting spaces to enjoy the river and the views. From the begining it has had the aim to include the neighbours in the decision making regarding the project.

Close to the old bridge there is another dam that is nowadays not accessible for the neighbours. It is also a point of disconnection between the two riverbanks, and at the same time a good opportunity to reuse the preexistence as a connector. The project strategy consists in providing the dam with two new access to cross over the river's level and enjoy that infrastructure as a natural space, given its great location in the village. The intervention tries to be as respectful as possible, using one single material (concrete) and changing only the last artificial interventions, not touching the natural area and reorganizing that spaces through geometrical volumes.

For further information

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Contact via email at: biennial.paisatge@upc.edu

Consult the web page <http://landscape.coac.net/>



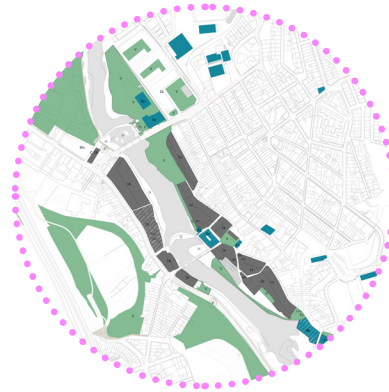
Aerial view of Sallent



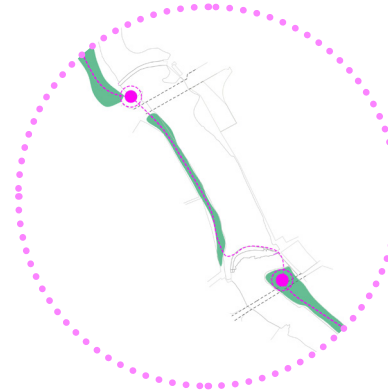
Reconnecting ecological connectors



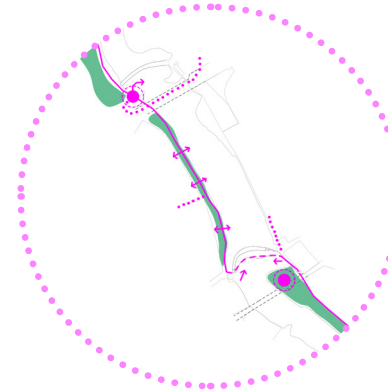
Completing natural paths network



Green areas and public space in Sallent





























Lack of connection between both riverbanks and green areas. Points of interest

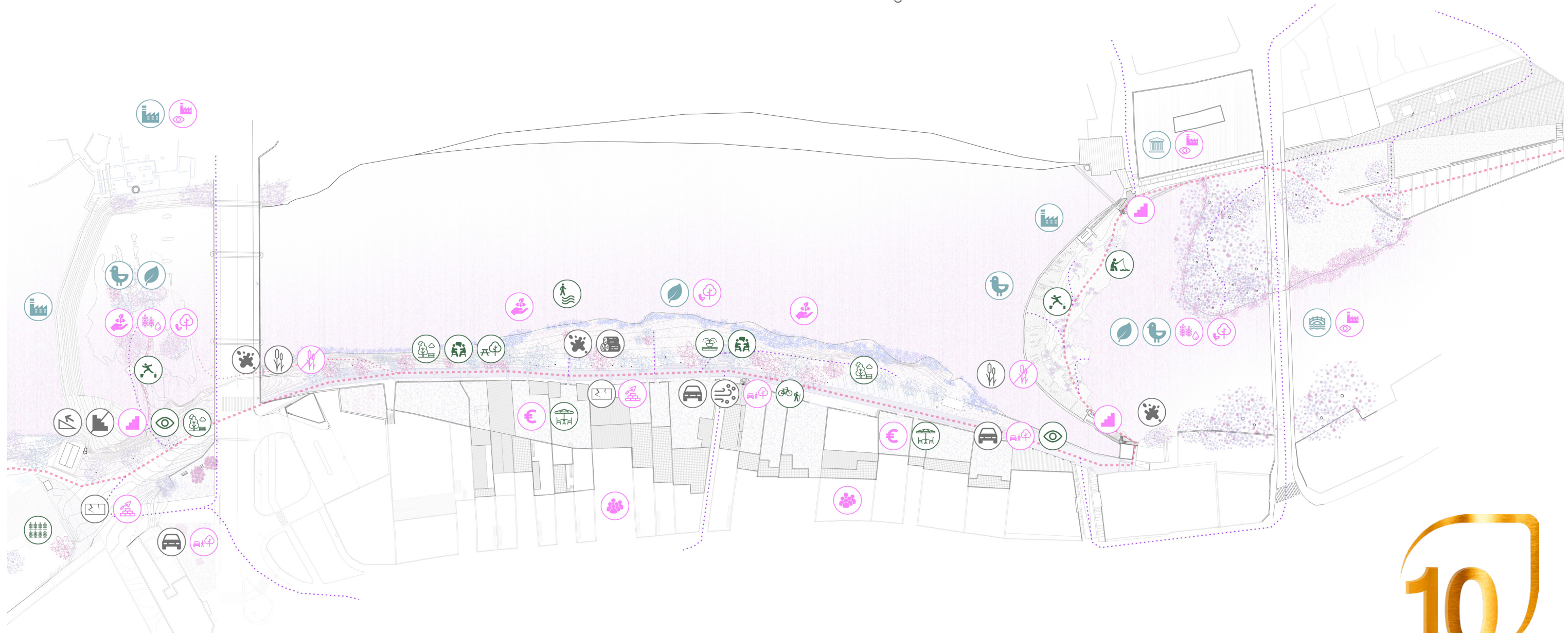


Global strategy

The project is located in Sallent Municipality, crossed by river Llobregat. We are dealing with a river mecanized and domesticated by the old industry, which has lost his strenght as a natural axis.

The aim of the project is to repare the existing discontinuities along the riverbank, both natural and physical. This way, it's intended to recuperate the relation among the neighbours of Sallent and the river, as well as to restore river Llobregat as a natural connector of biodiversity.

HERITAGE					ISSUES										STRATEGIES										NEW ACTIVITIES									
																																		
Industrial heritage	Historical building	Historical bridge	Flora	Fauna	Road traffic	Dirt	Dust	Steep slope	Damaged pavement	Fallen branches and obstacles	Invading species	Accessibility problems	Accessibility	Removal of invading species	Repaving	Social & economic reactivation	Promotion of heritage	Planting of native species	Citizen engagement	Mixed traffic	Phytodepuration	Promotion of native biotopes	Approaching to the river	Social life	Pic nic area	Fishing	Viewpoint	Stepping into de river	Vegetable garden	Fountain	Resting spot	Cycling & hiking path	Cafeterias & bars	





1

2

3

4

Connecting
through the river

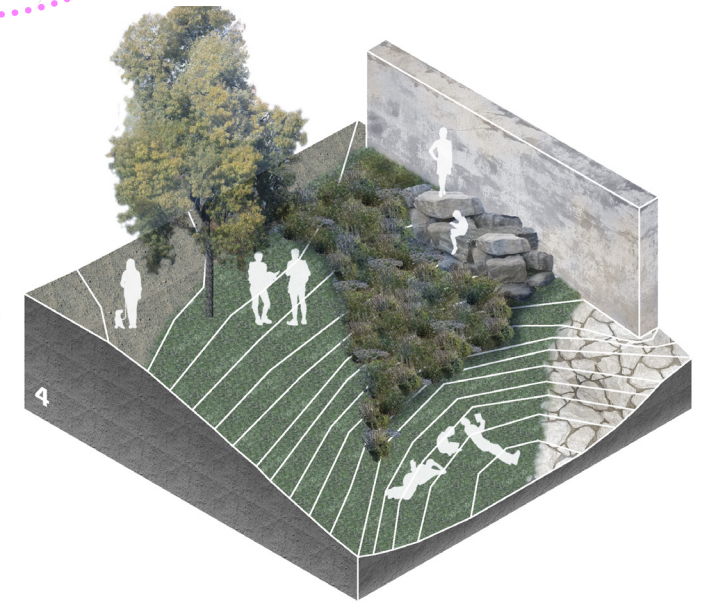
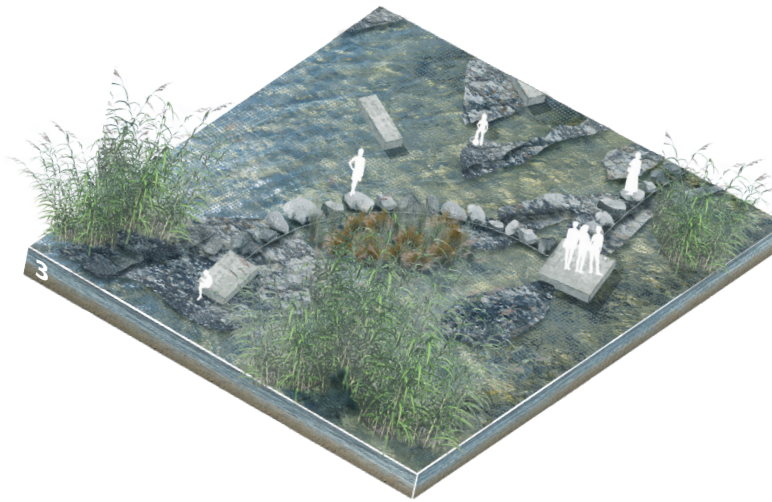
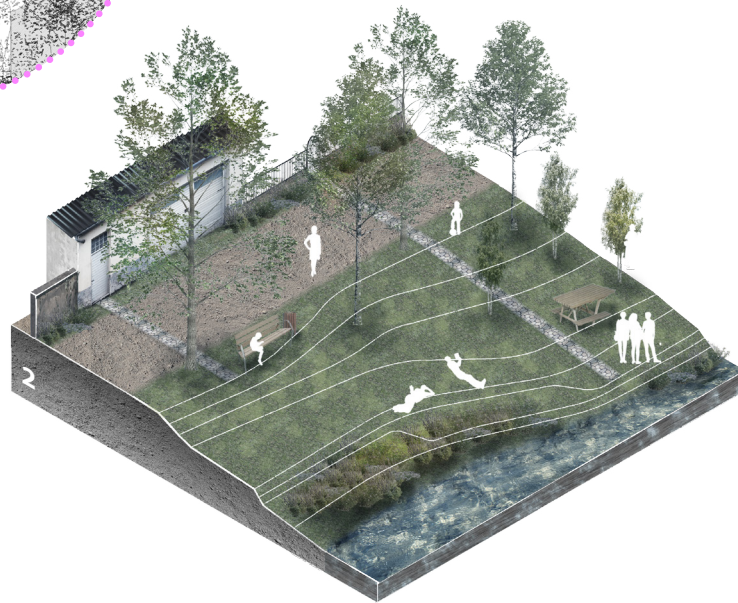
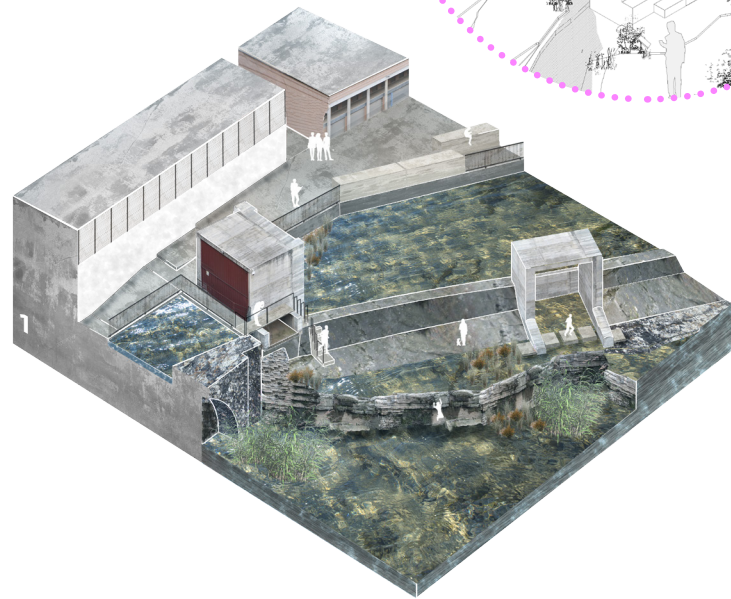
Dialogue between
concrete and river stone

Recovering riverbank
environment

New points
of view

Reapplication
of existing

New
structures



SHRUB LAND SPECIES
SLOPE CONSOLIDATION

*Borago
officinalis*

*Cornus
sanguinea*

*Medicago
sativa*

*Salix
purpurea*

*Salvia
officinalis*



SHRUB WATER SPECIES
PHYTODEPURATION

*Carex
pendula*

*Carex
divulsa*

*Carex
testacea*

*Phragmites
australis*



MATERIALS
INTEGRATION

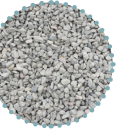
Reinforced
concrete

Cyclopean
concrete

Rocks

Gravel

Sand



SHRUB LAND SPECIES
SPATIAL ORGANIZATION

*Aquilegia
vulgaris*

*Origanum
vulgare*

*Sambucus
nigra*

*Vinca
major*



TREE SPECIES
SHADOW PROVISION
PROTECTION

*Betula
pendula*

*Populus
alba*

*Populus
tremula*

*Tilia
platyphyllos*

*Cupressus
sempervirens*

*Fraxinus
angustifolia*



