

DIFFMIX 

 Ville de
Differdange




Place
Jehan
Steichen

Car Parks 2.0

"make parking an ecosystem"

Nicolas
Abdelkader



Car parks 2.0

Note of intent

Car Parks 2.0 is above all intended to promote contact between nature and the citizens of Differdange, so that the inhabitants can reconnect with this nature at the bottom of their buildings, that they can garden and meet around convivial spaces "even in the middle of the concrete "...

That the inhabitants can be real actors of the project, from its realization, to its use and its maintenance.

Car parks 2.0 is the idea of rethinking parking space to make it an eco-responsible, resilient, sustainable and more human place.

We all agree that the car and its dedicated spaces are already far too present in our cities and it seems to me that it has become essential (given the upheavals of our time) to give urbanized spaces back to nature and to make it evolve. the parking lot at Place Jehan Steichen in a more "lively" and more "liveable" site:

> By reintroducing animal and plant biodiversity where it does not / no longer have a sufficient place by recreating ecosystems in urban areas.

> By converting areas of sterile asphalt into cultivation areas and vegetated spaces that evolve over time so that citizens can garden and "put their hands in the ground".

> By recycling and composting organic waste from residents using collection bins provided for this purpose.

> By allowing the recovery, retention and filtration of rainwater in plantation areas.

> By promoting interactions between humans and nature for the benefit of cars by creating spaces for relaxation, rest and contemplation.

> By securing the pedestrians of the cars and by clearly defining the dedicated spaces thanks to paths (strips of zebra paint) materialized on the ground.



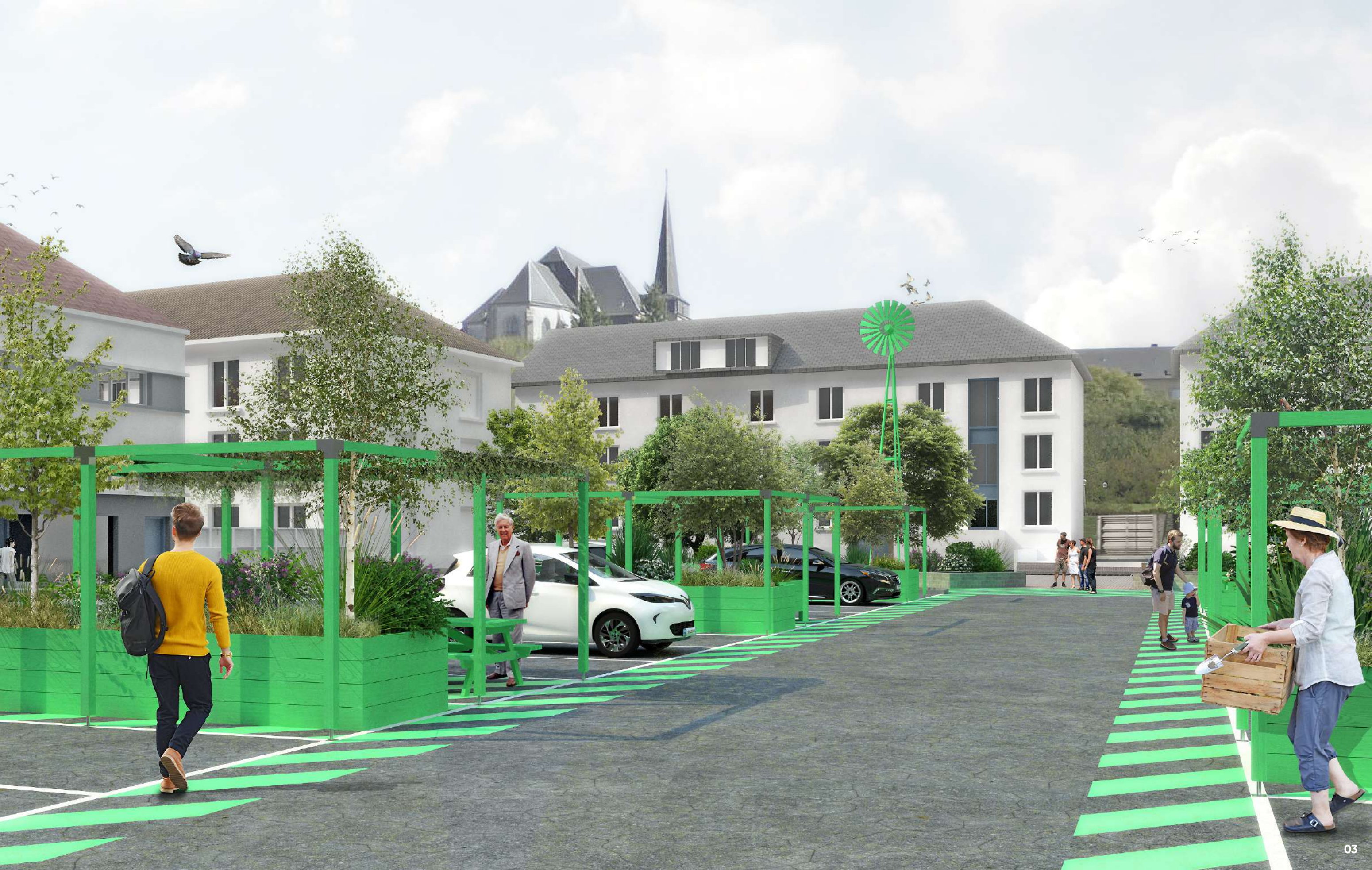
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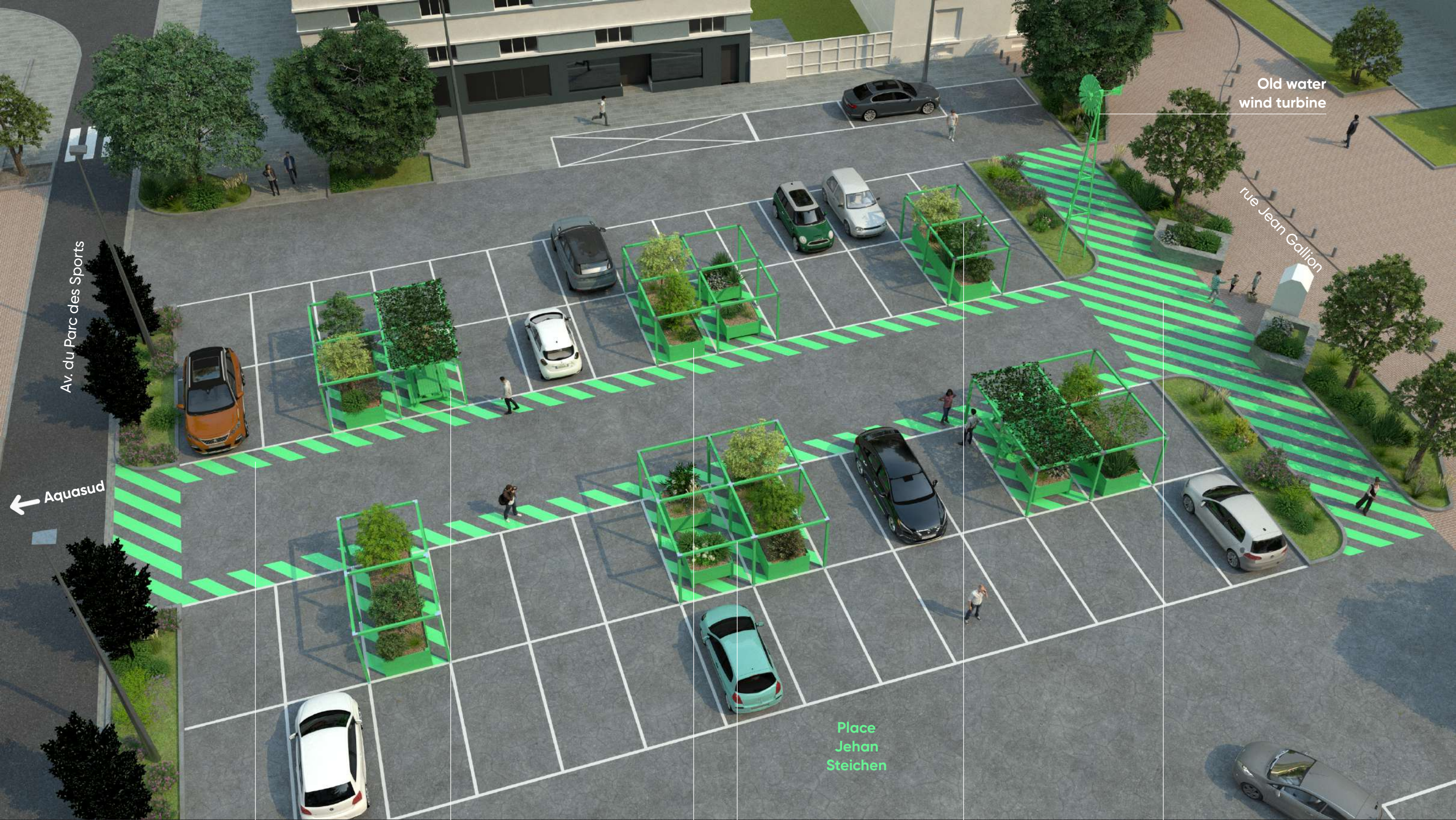
In terms of conception and design, I favored a simple and economical "DIY" (Do It Yourself) implementation using "standard" materials. Emphasis is therefore placed on ease and speed in the assembly and disassembly of the structure.

Briefly, the pergolas will be built in planed wood and the various profiles will be assembled using galvanized steel connectors. These will be fixed to the ground using supports / plates provided for this purpose. The planters will also be made of wood, planed battens using a very simple assembly plan exposed to citizens when the time comes.

Four different participatory projects will be planned for volunteer citizens :

- 1) A construction site for painting pedestrian paths (Zebra strips)
- 2) A construction site to cut and paint the elements of wooden structures
- 3) A construction site for the assembly and assembly of pergolas and planters.
- 4) A construction site for waterproofing planters, revegetation, setting up grinding and flower arrangements.





Av. du Parc des Sports

Old water wind turbine

rue Jean Gallion

Aquasud

Place Jehan Steichen

Pedestrian crossing zone for pedestrians with «zebra» stripes

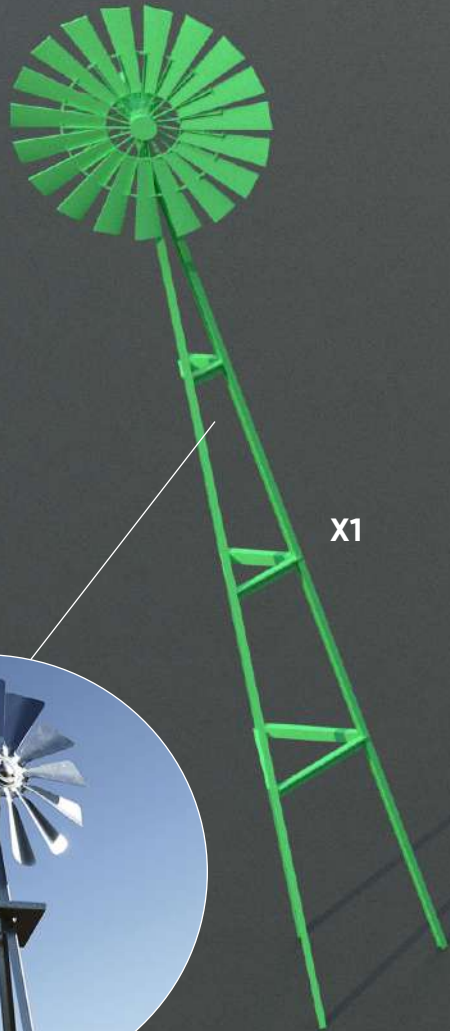
Relaxation area meeting, picnic + sun protection

Planted area for gardening shared planters among the inhabitants

Painted wooden pergolas on right-of-way of two parking spaces

Painted wooden pergolas on right-of-way of one parking space

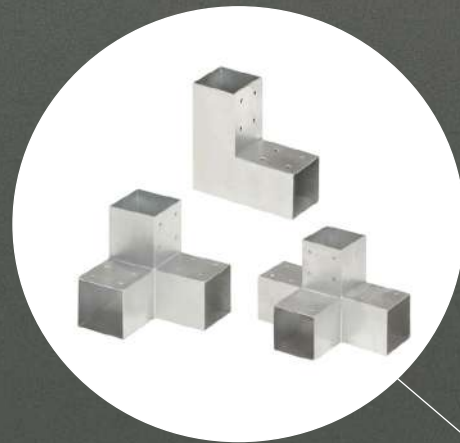
Events zone, concerts, street theatre, various events. Pedestrian zone (with the possibility of vehicle traffic)



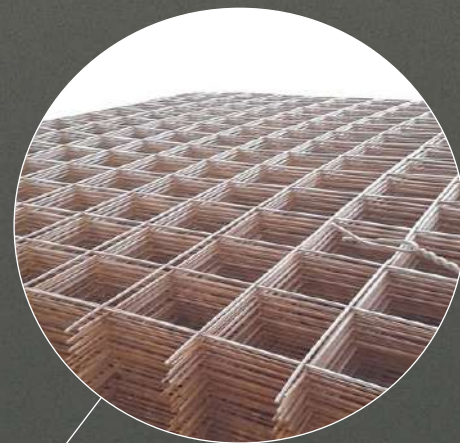
X1



Douglas fir square posts



Corner connectors galvanized steel, screw-on



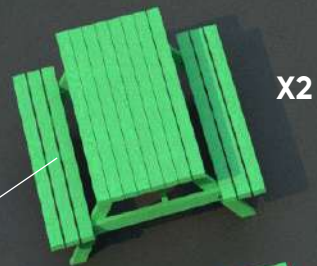
Welded wire mesh canopy for painting



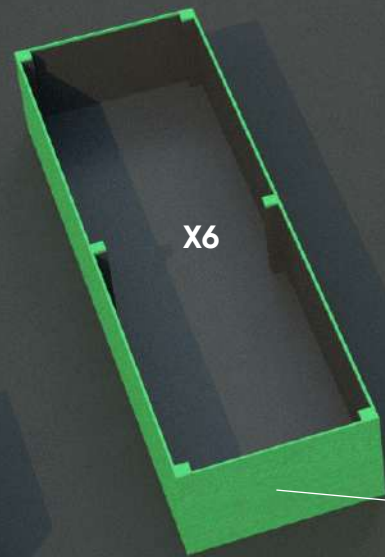
Old wind turbine to paint



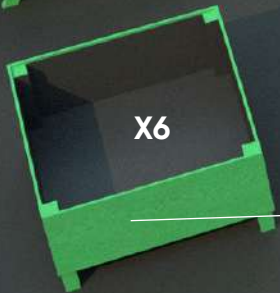
Picnic tables made of wood to be



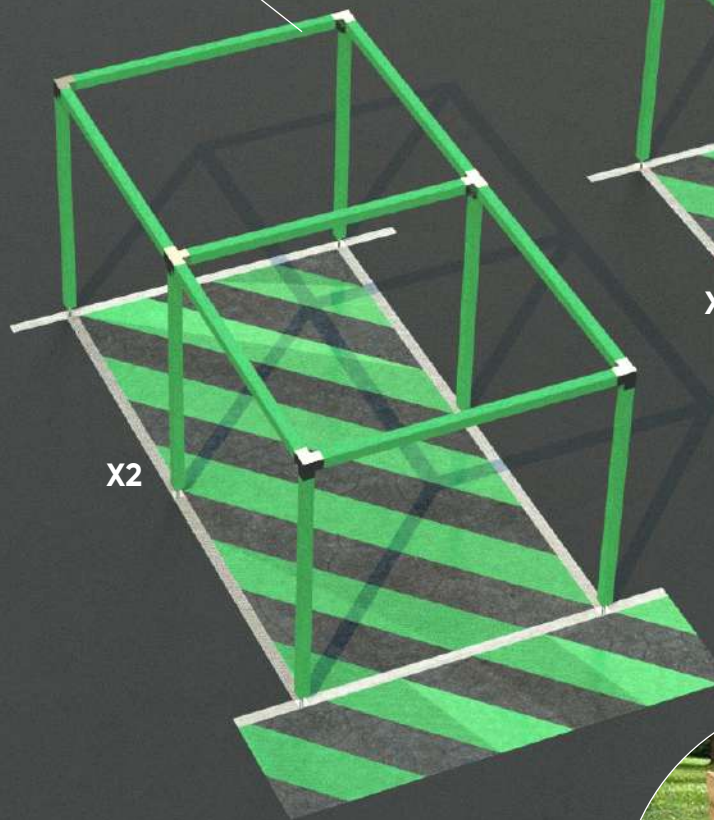
X2



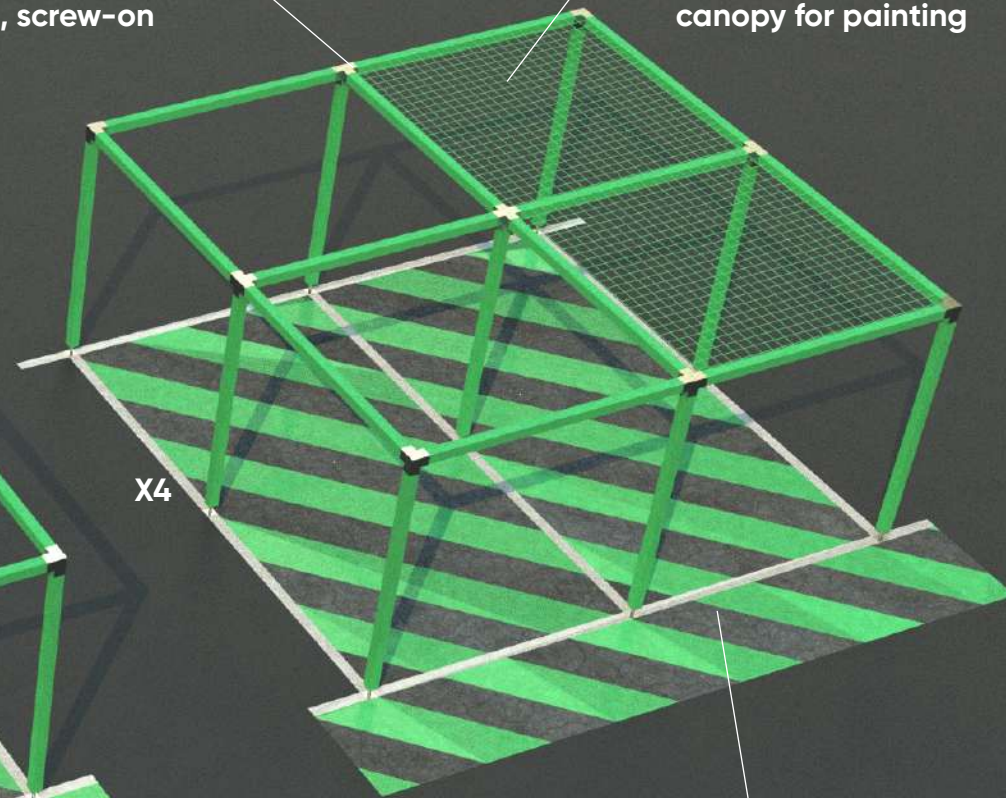
X6



X6



X2



X4



DIY wooden planters to be painted + sealing film



Safety strip type Zebra RAL 6018



Material requirements and summary costing

1) 90X90 planed Douglas fir posts, length 3m
> Pergolas + planters : 2800€

2) Planed Douglas fir slats
> Planters : 1900€

3) Waterproofing
> Polyane film + staples : 200€

4) Connectors and galvanized steel feet
> T and Y profiles + screws : 500€
> Post feet + fixing kits : 1100€

5) Trellis (sun protection)
> Welded lattice panels + staples : 100€

6) Paint
> Zebra safety tape + stencils : 250€
> Exterior wood paint : 1050€

7) Protection + tools
> Covers + hand and face protection : 100€
> Small tools : 300€

8) Street furniture
> Second-hand wind turbine of the «water pumping» type : 1200€
> Wooden picnic tables : 900€

9) Topsoil
> Big bags of enriched topsoil : 2000€

10) Plants
> Grass beds + shrubs : 1800€

Total project budget : 14200€*

*Public price including taxes

