

Pilot project : Seraing

Online, 20th January 2021

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Project : Parkour Park

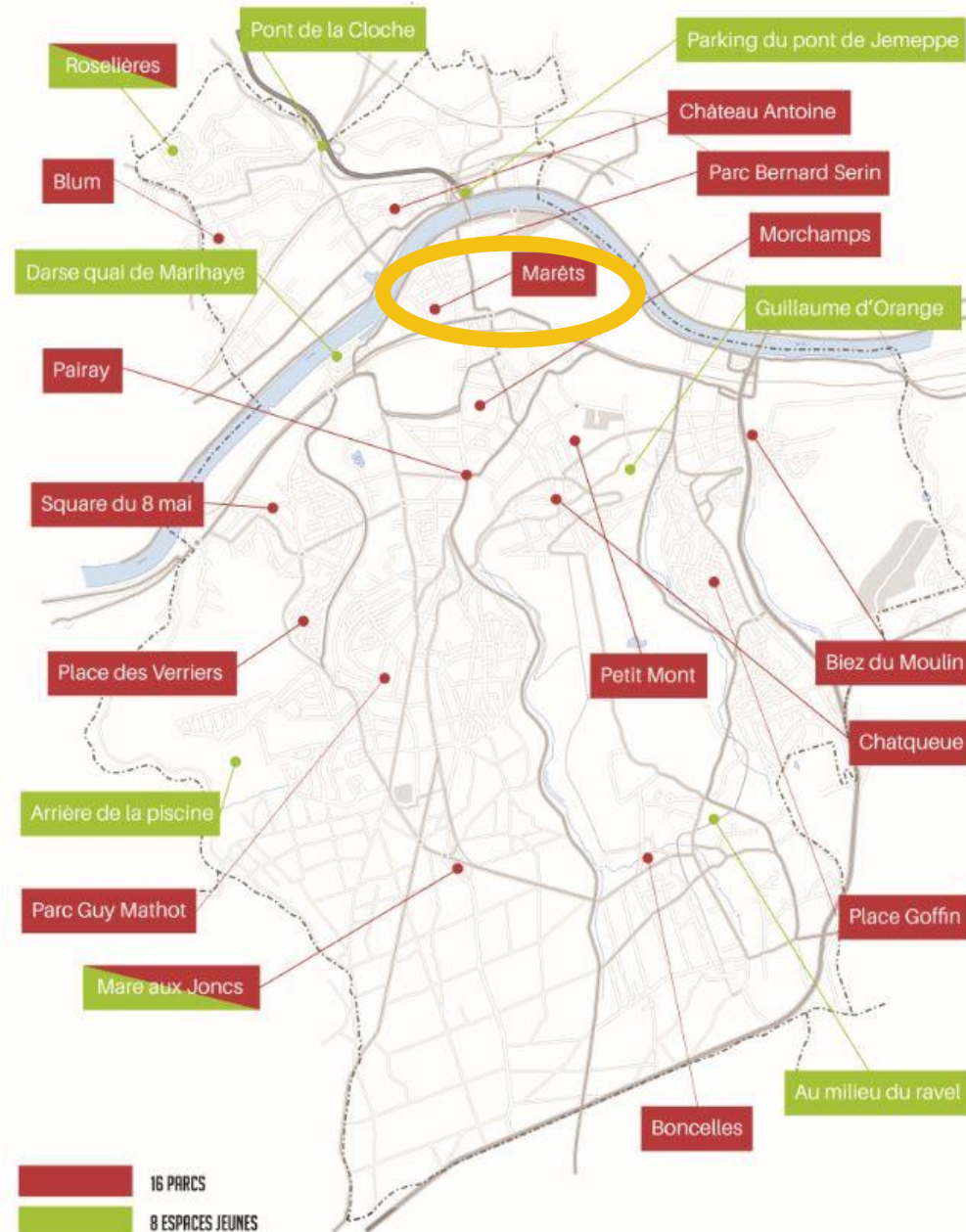


Why a Parkour Park in Seraing ?

- Response to a user's need
- Consistent with the City's policies (health + social + Master Park)
- Attractiveness factor for a wide and varied audience (including local)
- Not an expensive sport (consistent with the local public)
- Positive image of the city
- Window of opportunity - creation of a Parkour school nearby
- Wide range of possible elements, both classic and creative
- Solicitation of elements for use

Location : Park “des Marêts”

MASTER PARK



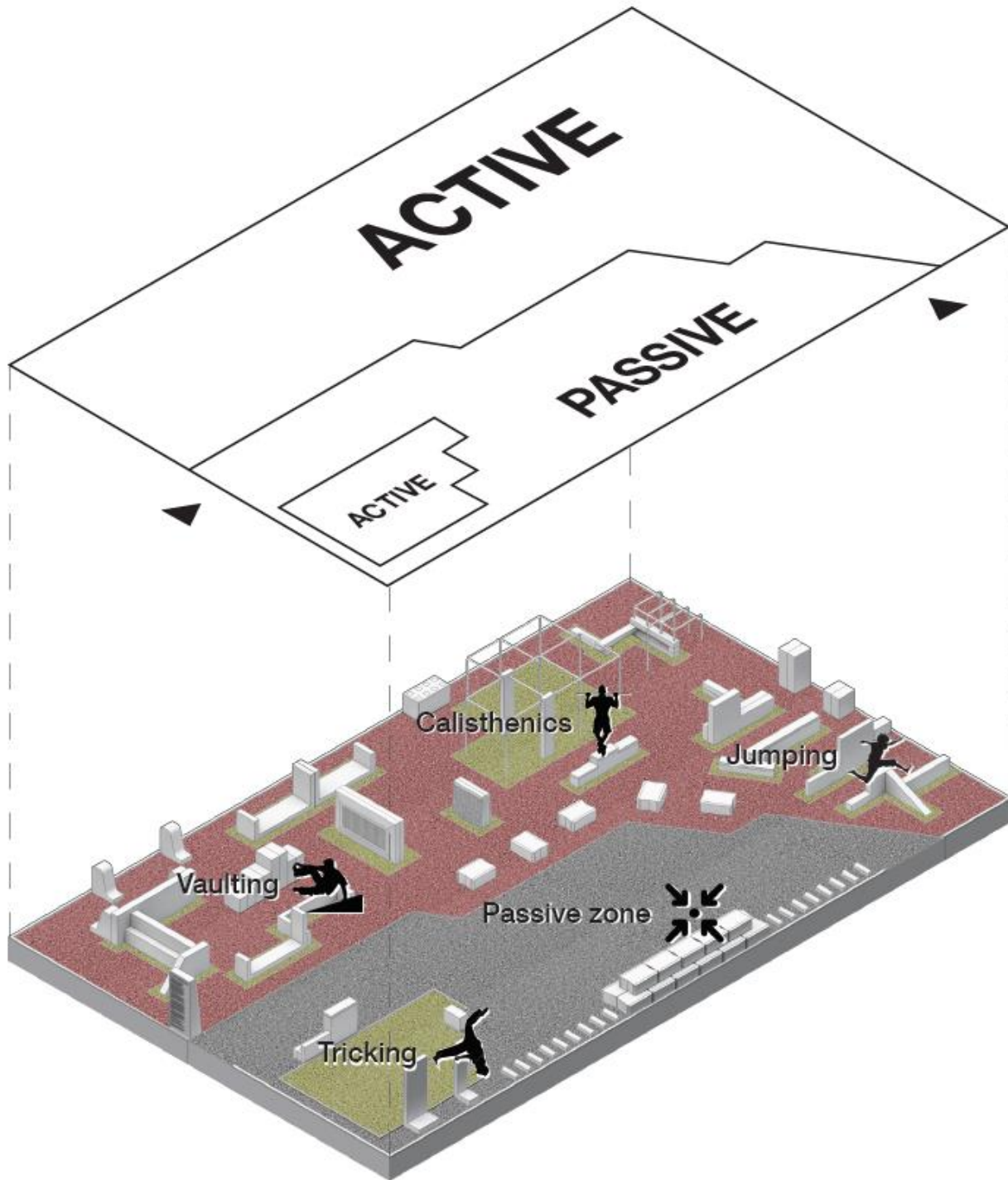
Political context :

Master Park

→ 16 parks (restoration or new)

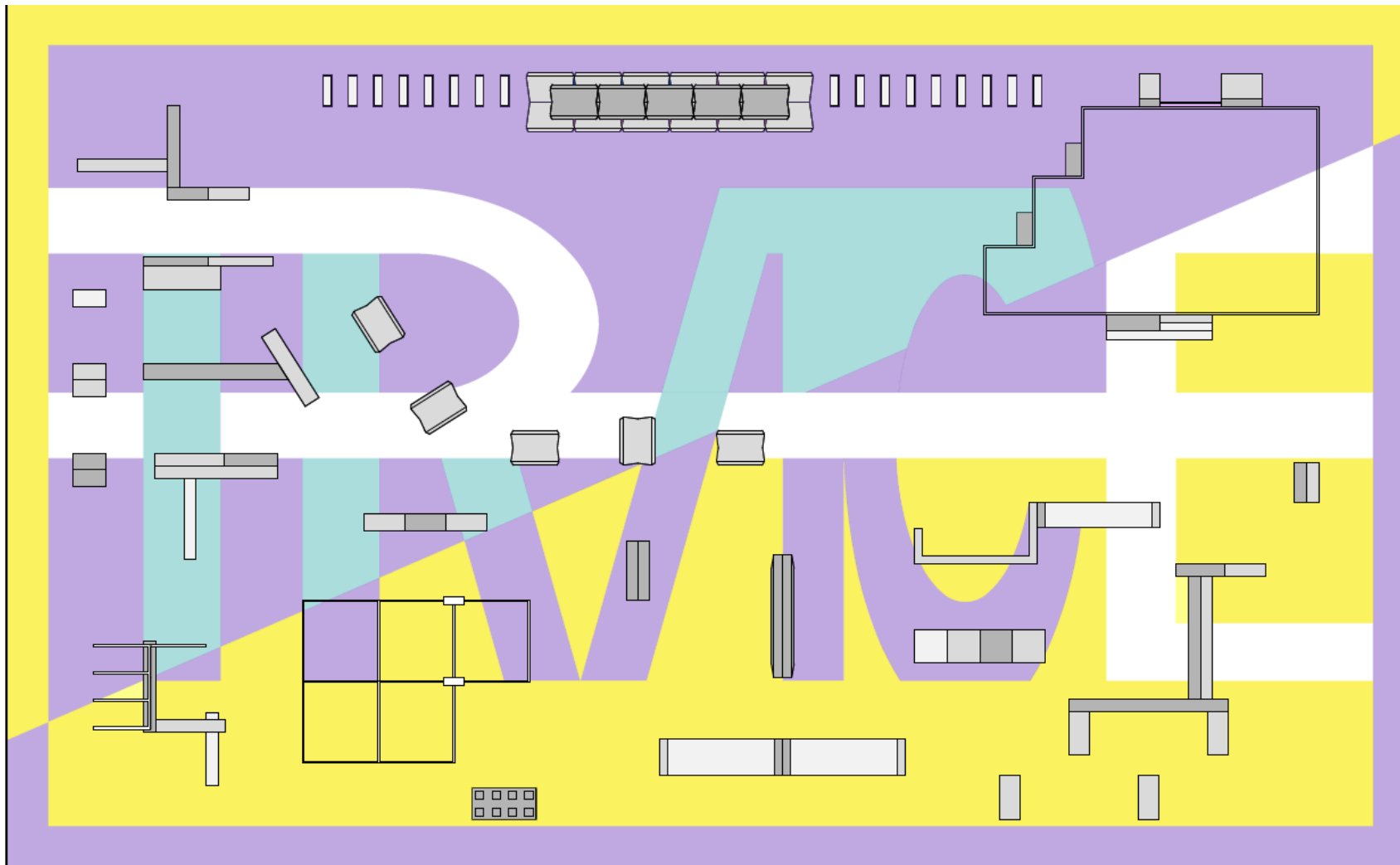
→ 8 places for young people

Final design of this Parkour Park



Final design of the Parkour Park
➔ approved by SOCORA and the City College

Final design of the slab



→ Designed by tracers of
Seraing

Materials & modules

SeRaMCo concretes

Sound barrier



Porous concrete



/!\ Small chamfer of at least 3x3mm

Salty



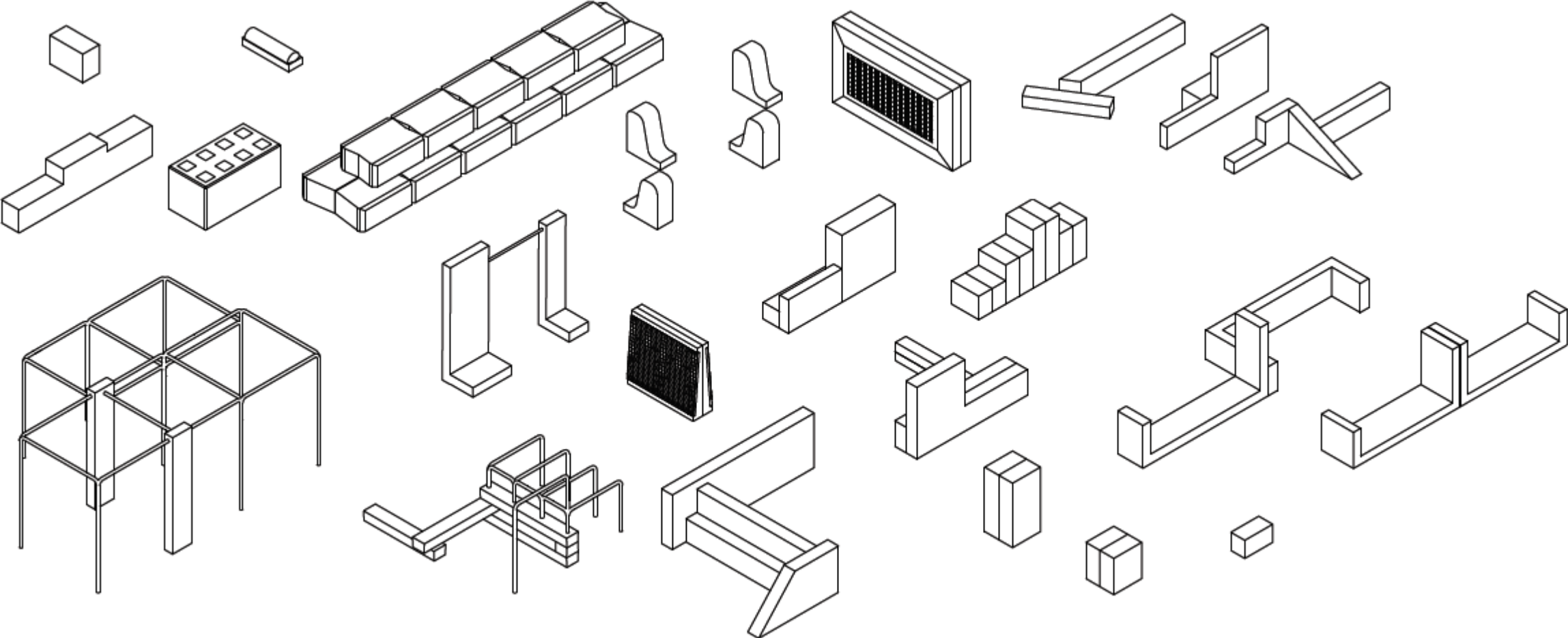
Info wall



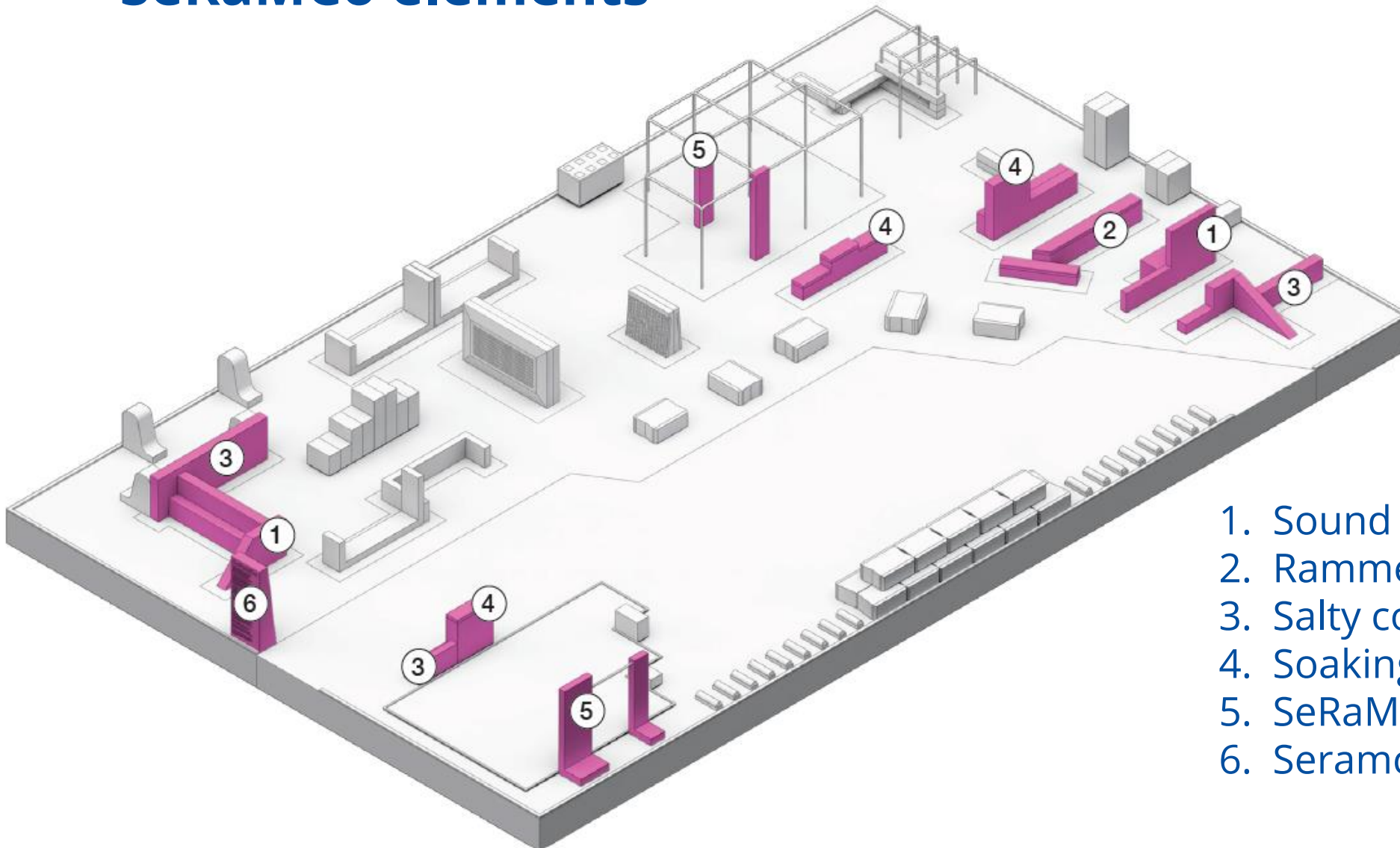
Rammed concrete



Variety of concrete modules



SeRaMCo elements



1. Sound absorbing wall
2. Rammed concrete
3. Salty concrete
4. Soaking concrete wall
5. SeRaMCo L-wall
6. Seramco info wall

Visualizations



SeRaMCo

The construction sector is the most resource-intensive industrial sector in the EU. It uses around 30% of the available primary raw materials, hence contributing to the material recession, the gradual exhaustion and generating high costs to the business operators.

Although there is potential for the use of secondary raw materials from construction and demolition waste (CDW), this is far from being straightforward in Europe. For this reason, the sector uses only 4% of the recycled construction and demolition waste (CRD), although CRD represents the largest waste stream in the EU, accounting for 12% of the overall European waste.

Against this background, the intention is not to look at the whole of Europe, but to focus on the North-West European region, namely Germany, France, Belgium and the Netherlands, as leading the market in the CDW. Supported by the neighbourhood, the target is to reach a range from 70-90%.

However, although waste recycling rates in the EU are high, the business operators face the challenge to see the use of secondary raw materials. This is due to the fact that there is still no clear market for secondary raw materials from the construction sector. This has to be resolved to be accompanied by the job of a clear-cut market framework in terms of legal, technical and quality to ensure an effective selection of both social and economic considerations.

To make the most of the available resources, it is necessary to replace primary raw materials with the high-quality secondary CDW, e.g. concrete blocks, tiles and other products from the concrete and concrete products industry. This is the goal of the project.

Analysis and improve sorting of CDW as a pre-condition for recycling.

- Develop and test new concrete blocks and other products from recycled CDW (CRP) and produce CRP.
- Establish a market for CRP, leading to the recognition of CRP products and generate new jobs in the construction sector.

SeRaMCo's expected outputs are concrete and CRP from recycled aggregates, comparable to conventional products, both in terms of costs and quality and ready for commercial use in the market.

When talking not across the EU and Europe as a whole, SeRaMCo will focus on products in 3 different areas, namely City of Cologne (Belgium), City of Saarbrücken (Germany) and Region of Mayenne (France). Following the leading of these products developed by the main project, supporting the supply chain of the market and establishing a coalition of stakeholders, action in the field will be put in place.



Schedule

We are late...

- February 2021 : Presentation of the specifications of works for the slab and anchoring to the City College
- March 2021 : Validation of the market by the supervisory authority (45 days – incompressible)
- April 2021 : Launch of the public works contract
- May 2021: Signature of the public contract with the selected company
- June 2021 : Beginning of the work in the Park
- To define : Inauguration (virtual or physical)

DELAY → The request for an extension to June has been submitted

Q/A