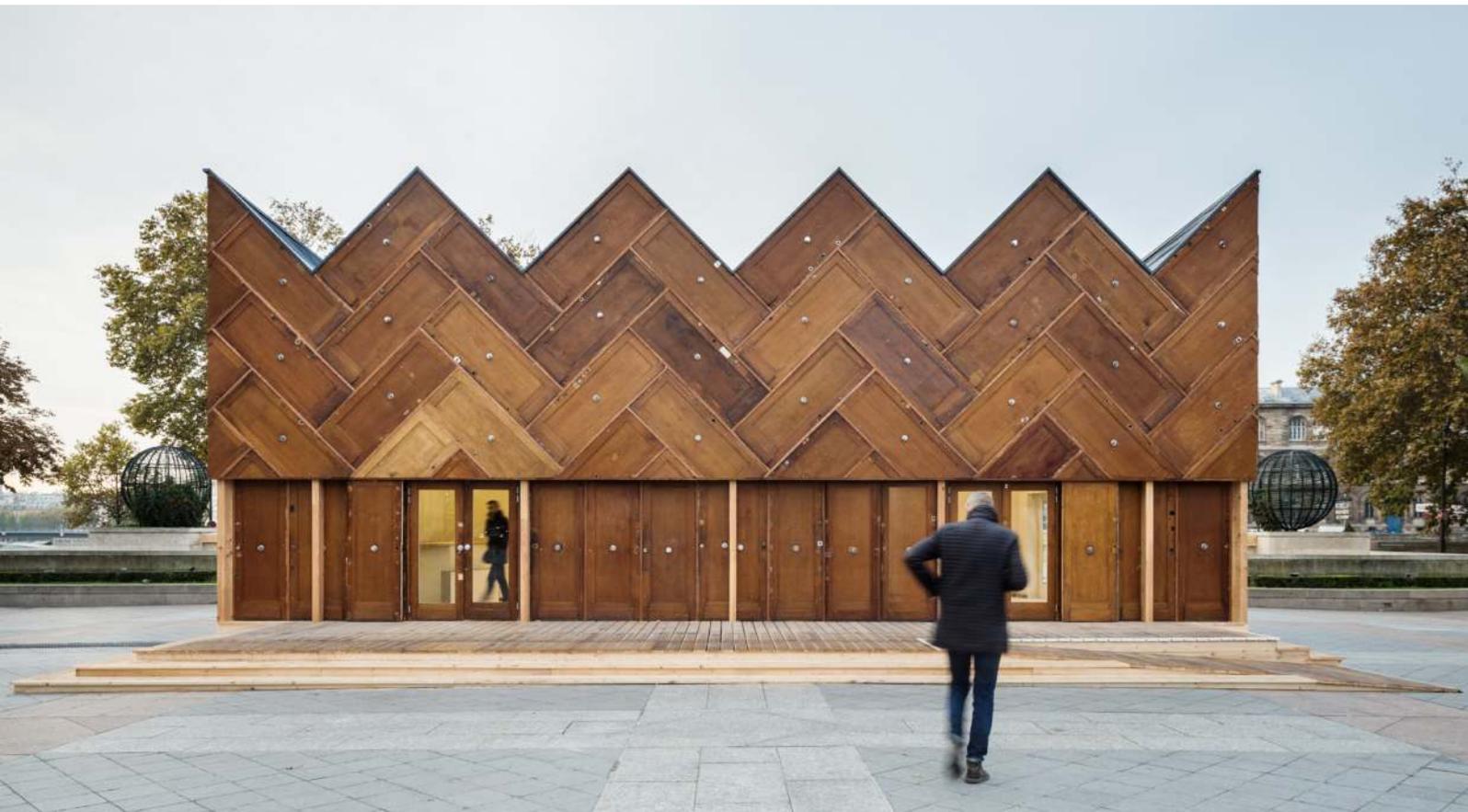




CIRCULAR PAVILION

Building with reused materials



ENCORE HEUREUX
Architects and collective since 2001
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PRESS KIT

« In the history of humankind reuse is a common thing, whether it was bricks and stones of obsolete buildings, already existing foundations and supporting walls or whole buildings »

Jean-Marc Huygen, Architect

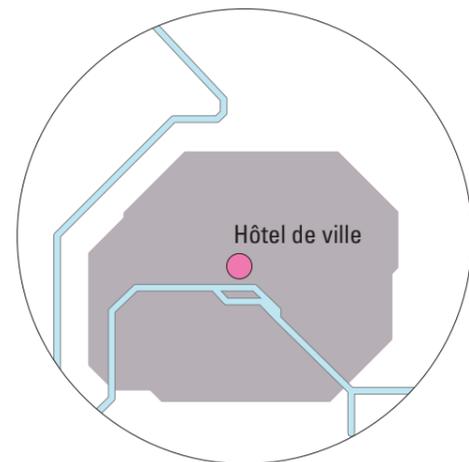
Program

The Circular Pavilion is an experimental architecture built with reused materials.

Key Data

Surface : 70 m²
Conception : March - September 2015
Construction : September - October 2015
Delivery : October 2015

Situation



Commitment

A singular building, the Circular Pavilion has nothing round. The name describes the process, which follows the circular economy principles, according to which one's waste becomes others' resources.

Faced with the depletion of natural resources and aims for the «Zero Metropolis Waste» ambition, this pavilion demonstrates the potential of re-use in architecture, which fits in the context of COP 21 (the 2015 United Nations Climate Change Conference) in Paris. About 60% of the implemented materials here find a second life.

Wastes taken from construction sites, erroneous orders or unused stocks : each of the materials implemented has its own story. 180 wooden doors, deposited during a housing rehabilitation operation in Paris' 19th district, form the facade. Inside, the isolation uses mineral wool removed from a supermarket roof. The wooden framework is made of extras from the construction site of a retirement home while the ground and the partition walls consist of former exhibition's walls. Outside, the terrace is built with the wood of Paris Beach event.

When it comes to the furnitures, 50 wooden chairs were collected from Parisian bulky waste, fixed and painted, and the hanging lights come from the public lighting storage. At the exception of the framework and impermeability, all the work was done by the technical services of Paris City Hall.

With this experimental process, we wanted to demonstrate that access to new materials depends on new relationships with the ones in charge of deconstructing and dismantling buildings, the ones who salvage and implement materials. An improved focus on the already existing resources and materials would allow to reduce our consumption of primary resource as well as avoid the production and accumulation of wastes that then need to be dealt with. It is an ongoing research toward an architecture characterized by sobriety and pertinence.

While implanted on the parvis de l'Hôtel de Ville, the pavilion will host exhibitions, workshops, lectures and debates. At the beginning of year 2016, the Circular Pavilion will be dismantled and reinstalled permanently in Paris' 14th district as a sports association's clubhouse.

Project



Wooden framework



Insulation



Cladding + impermeability



Reused materials



Oak entrance doors
Renovation of a housing building owned by Paris-Habitat



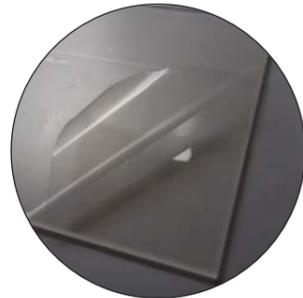
Isolating mineral wool
Dismantling of a supermarket roof



Duckboards
Paris-Plage organization



Oak battens
Overorder from an office building



Plexiglass
Erroneous order from Paris' City Hall



Douglas pine rafters
Carpenter's stock



Wooden chairs
Collected from Paris' bulky waste

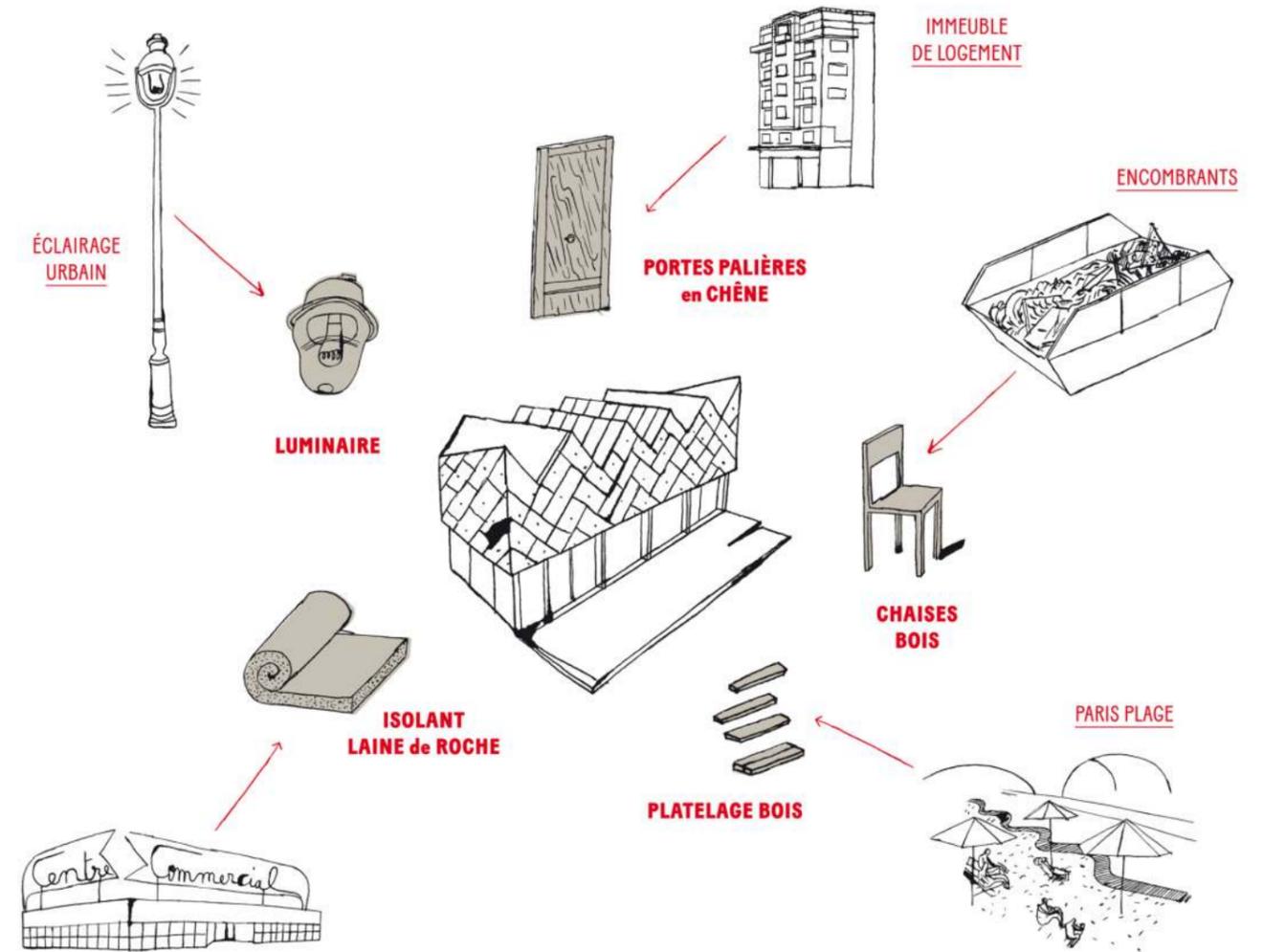


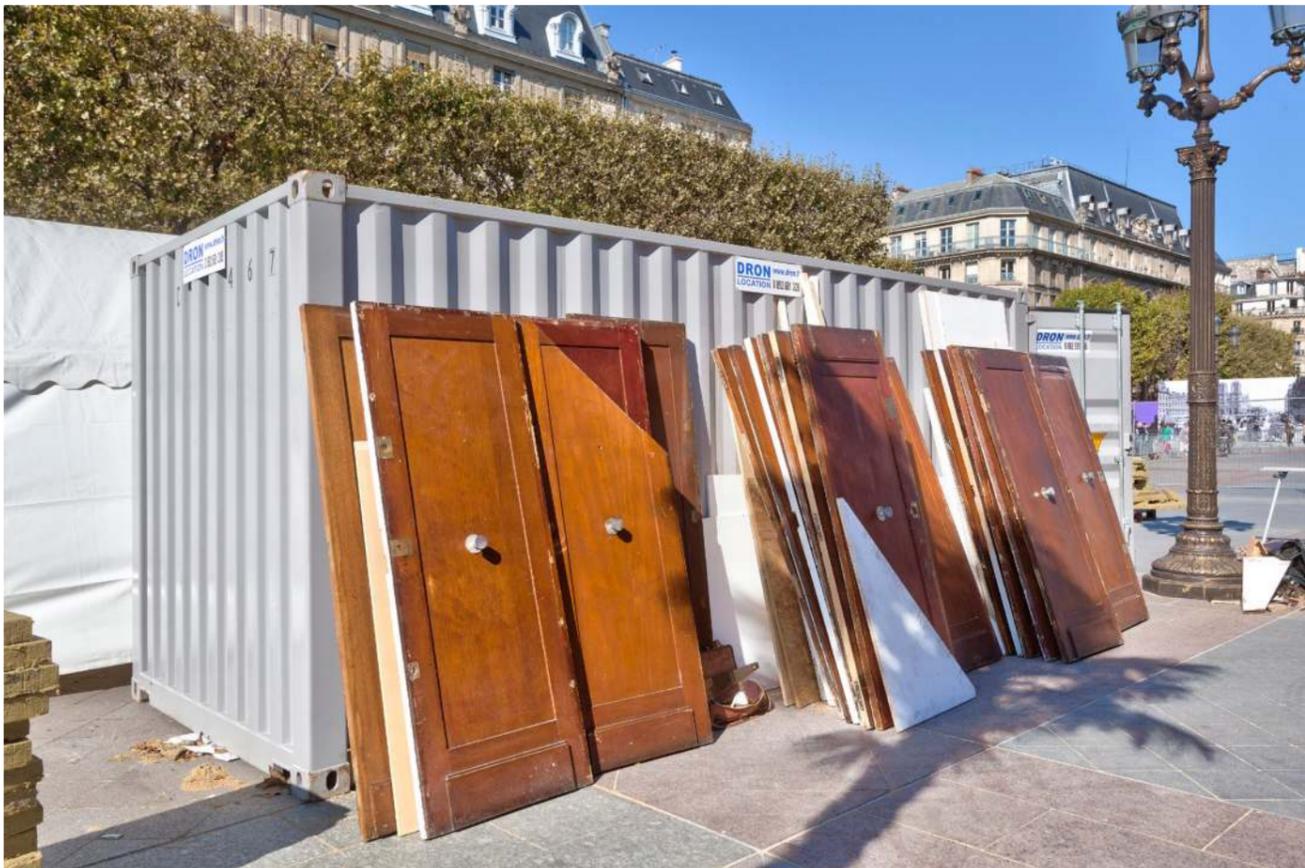
Plywood boards
Used exhibition walls



Lighting
Public lighting storage

Process





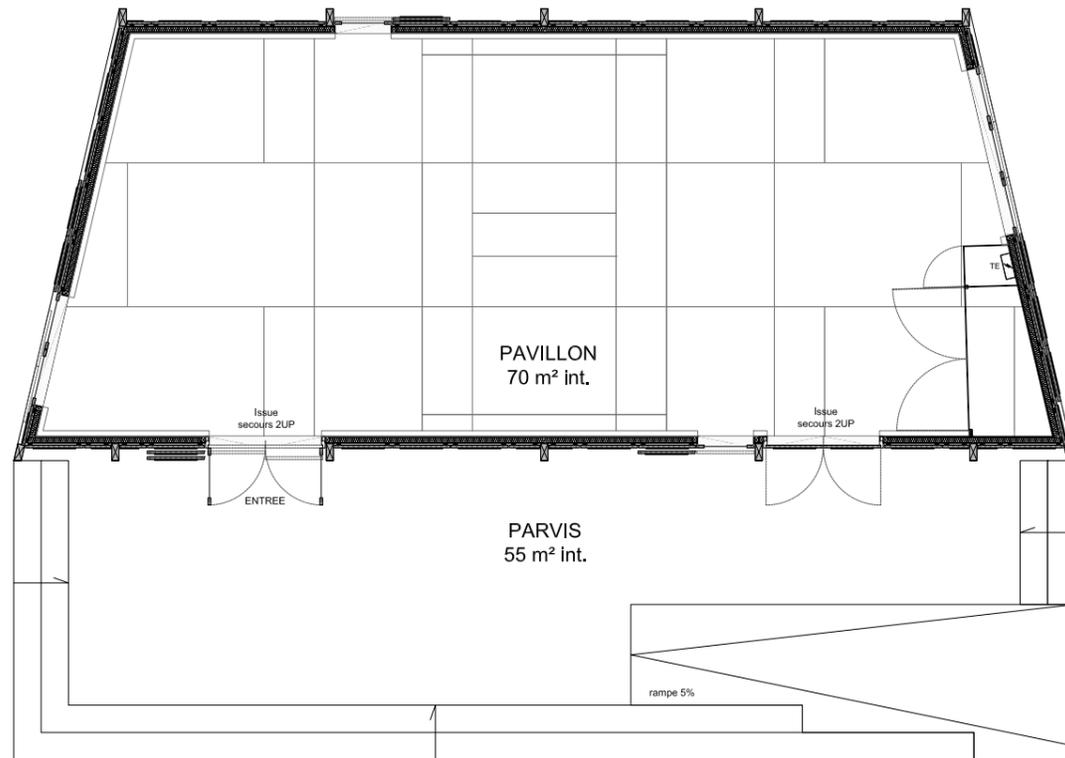




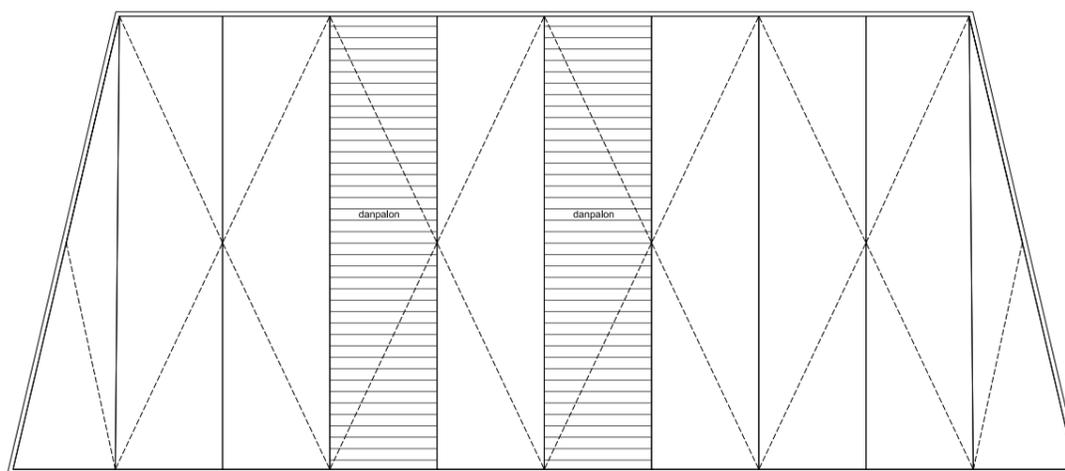




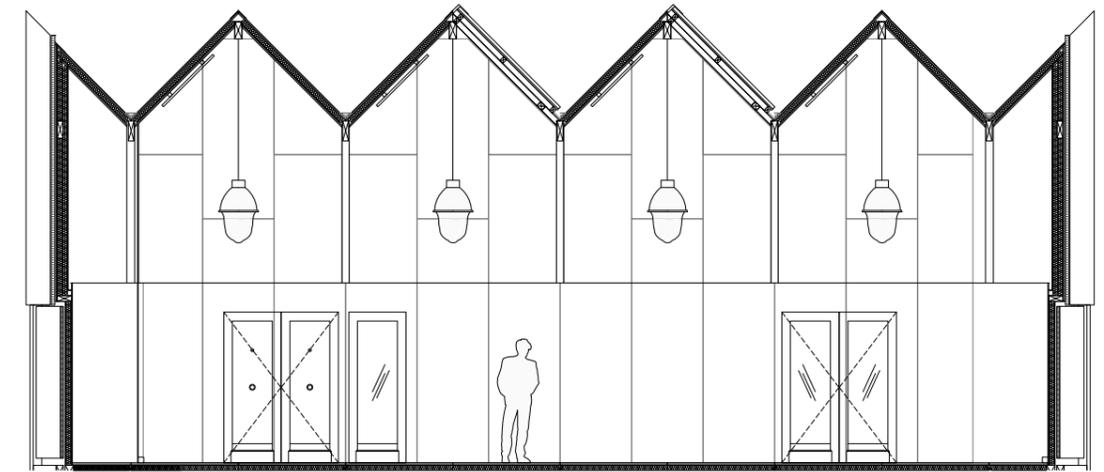
Plans and cross-sections



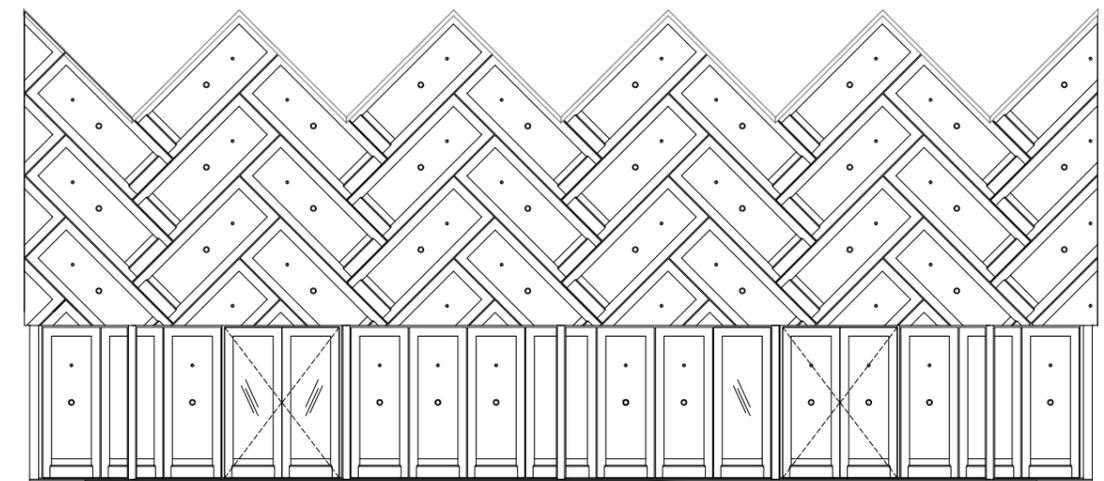
Plan groundfloor



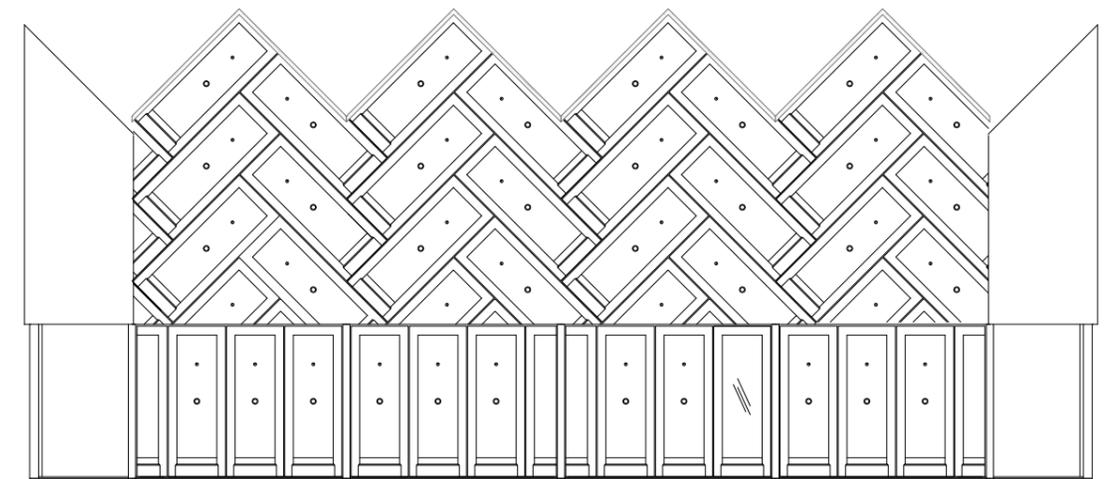
Plan roof



Longitudinal cross-section



Northern facade



Southern facade

Team

Contracting owner : **Pavillon de l'arsenal**

Alexandre Labasse (director), Kim Le and Marion Dambrin, Julien pansu (communication)

Project management : **ENCORE HEUREUX Architects**

Nicola Delon and Julien Choppin,

Sonia Vu, project manager, assisted by Mathilde Billet, Emmanuelle Cassot and Guillaume Bland

Environnemental technical research : **Tribu**

Illustrations : **Bonnefrite**

Graphism : **Camping design**

Contact information

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Second-fix : **Ville de Paris / Direction de l'Architecture et du Patrimoine**

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