



AAP
Paris, France
Team leader
Paulo Da Silva Neves, France
Team members
Amélie Grand, France
Andra Stanciu, France

GREEN STEPWELLS

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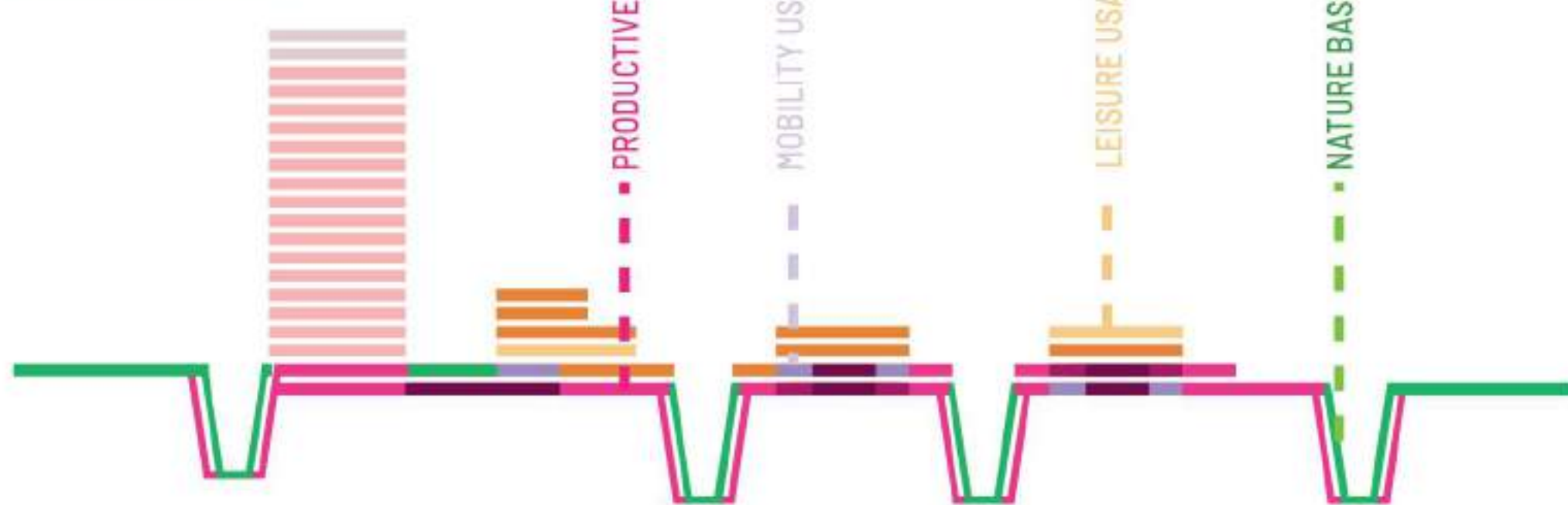
EXISTENT CONFIGURATION OF ACTIVITIES FOR EURAILLIE CARPARK



URBAN SCALE CONCEPT: return to the city of Lille the underground space

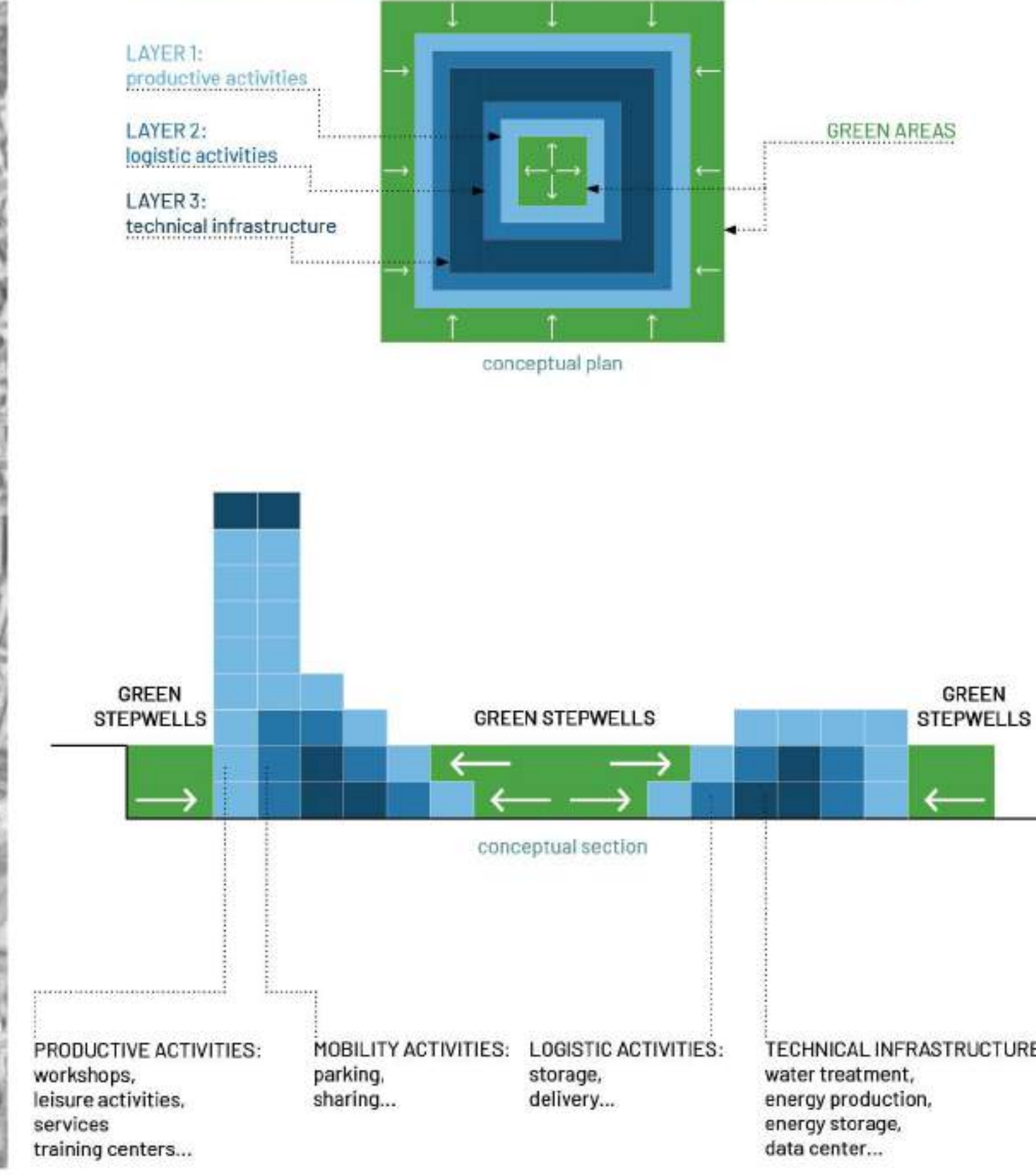


URBAN SCALE CONCEPT: bring the surrounding usages to the underground spaces



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ARCHITECTURAL SCALE CONCEPT (plan & section): green stepwells and their activities



PRODUCTIVE ACTIVITIES: workshops, leisure activities, services, training centers...
MOBILITY ACTIVITIES: parking, sharing...
LOGISTIC ACTIVITIES: storage, delivery...
TECHNICAL INFRASTRUCTURE: water treatment, energy production, energy storage, data center...

ARCHITECTURAL SCALE CONCEPT: green stepwells for the Euraille carpark



Urban scale

Euraille car park with a surface area of 100 000 m² can provide a parking space for 2 900 cars. However, 100 000 m² can also accommodate 100 000 standing persons, or 14 football fields, or 2.2 Zenith Arenas... Questioning how to add value to this underground urban property so that it can be given back to dense cities that are in desperate need of urban space, is what our team strives for.

Urban scale

The Stepwell project aims to return to the city of Lille the underground space of the Euraille carpark. For this purpose, the project brings in the activities established within the surrounding areas. It focuses on reconnecting the inert, blind, and hidden underground spaces to the rest of the city. With this in mind, the project works towards creating a showcase of the new uses of the underground: the productive city, mobility flows, green spaces, leisure activities, or technical infrastructure.

Architectural scale

Drawing inspiration from the Indian stepwells, the project creates a new ground level that is reached by descending a set of steps. The wells bring in light to the deepest corner of the car park, they offer ground to new vegetation, and create new facades. The underground activities are organized based on their need for light. A first layer for productive activities, services, or leisure activities is located next to the new facade. The second layer hosts logistic activities. The third layer, accessible to visitors, accommodates the technical infrastructure.

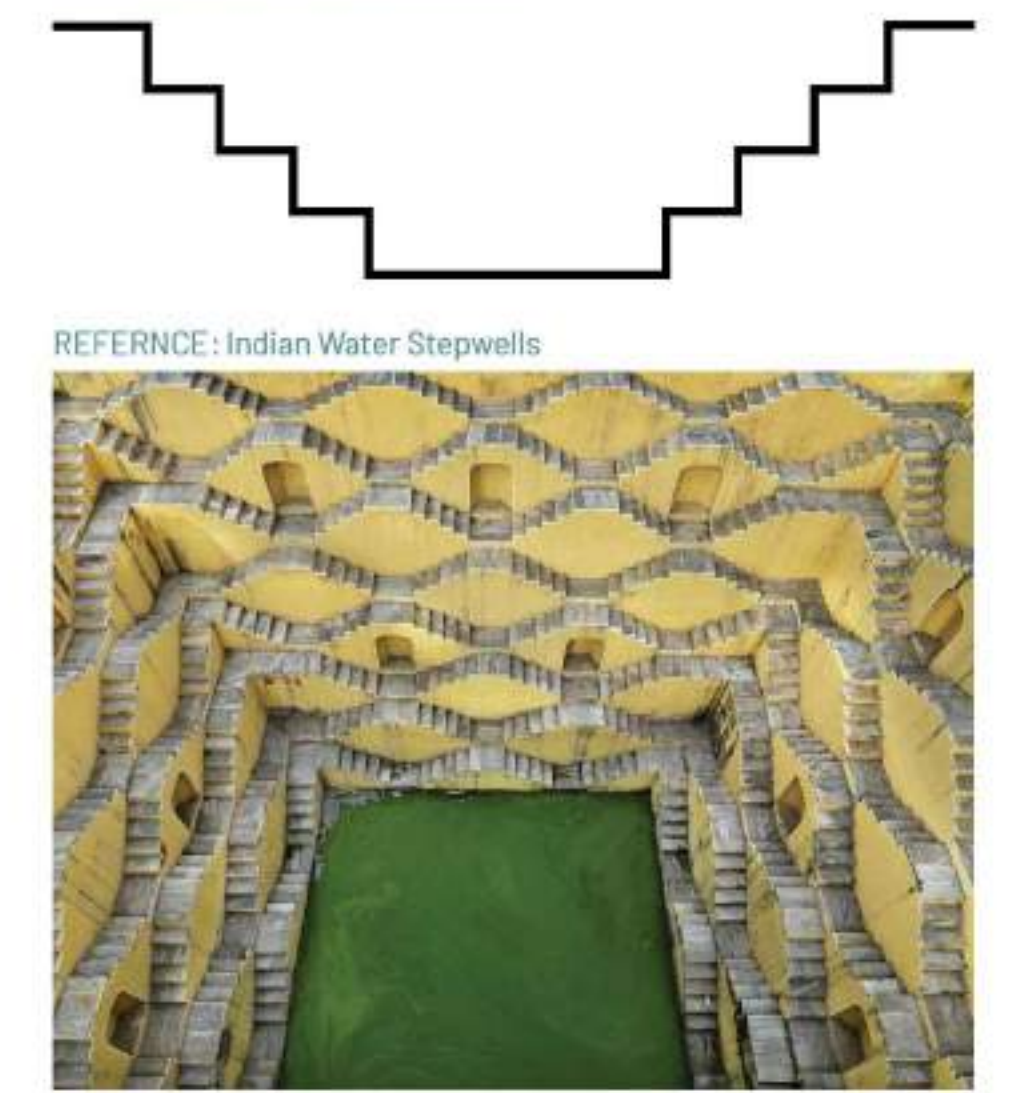
ARCHITECTURAL SCALE CONCEPT (plan): green stepwells for the Euraille carpark



VUE 1: green stepwells within the Euraille Carpark



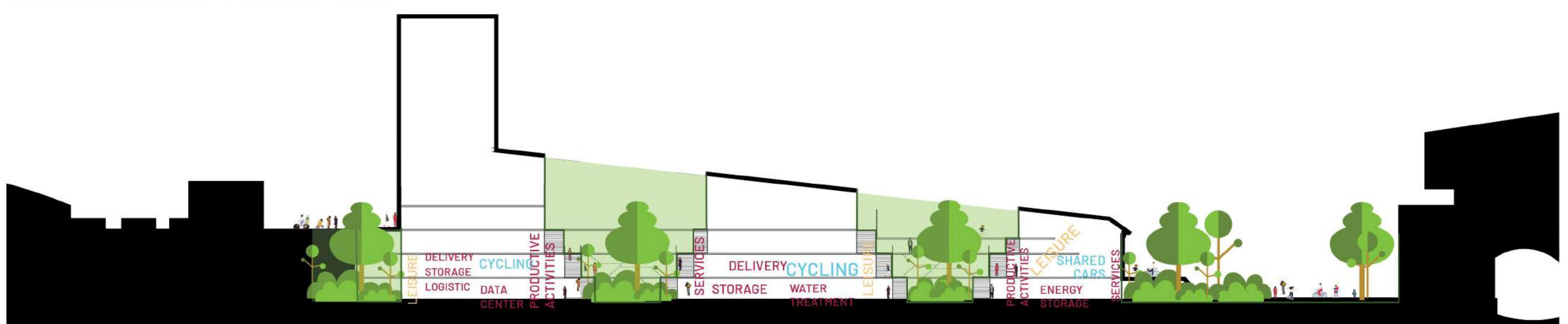
CONCEPTUAL SECTION: stepwells



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GREEN STEPWELLS

ARCHITECTURAL SCALE CONCEPT (section 1/500th): green stepwells and their underground activities

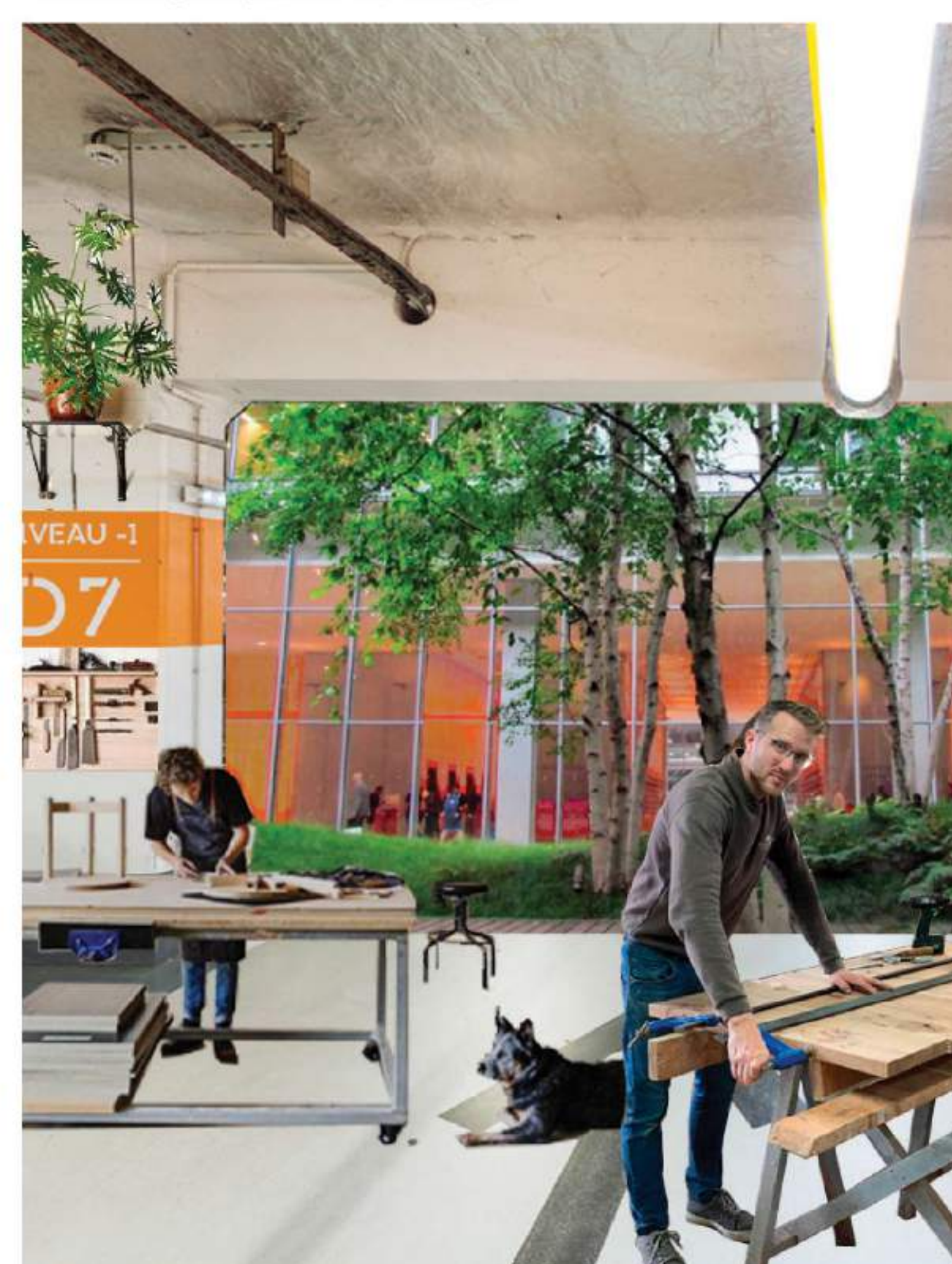


VUE 2: showcasing the underground activities

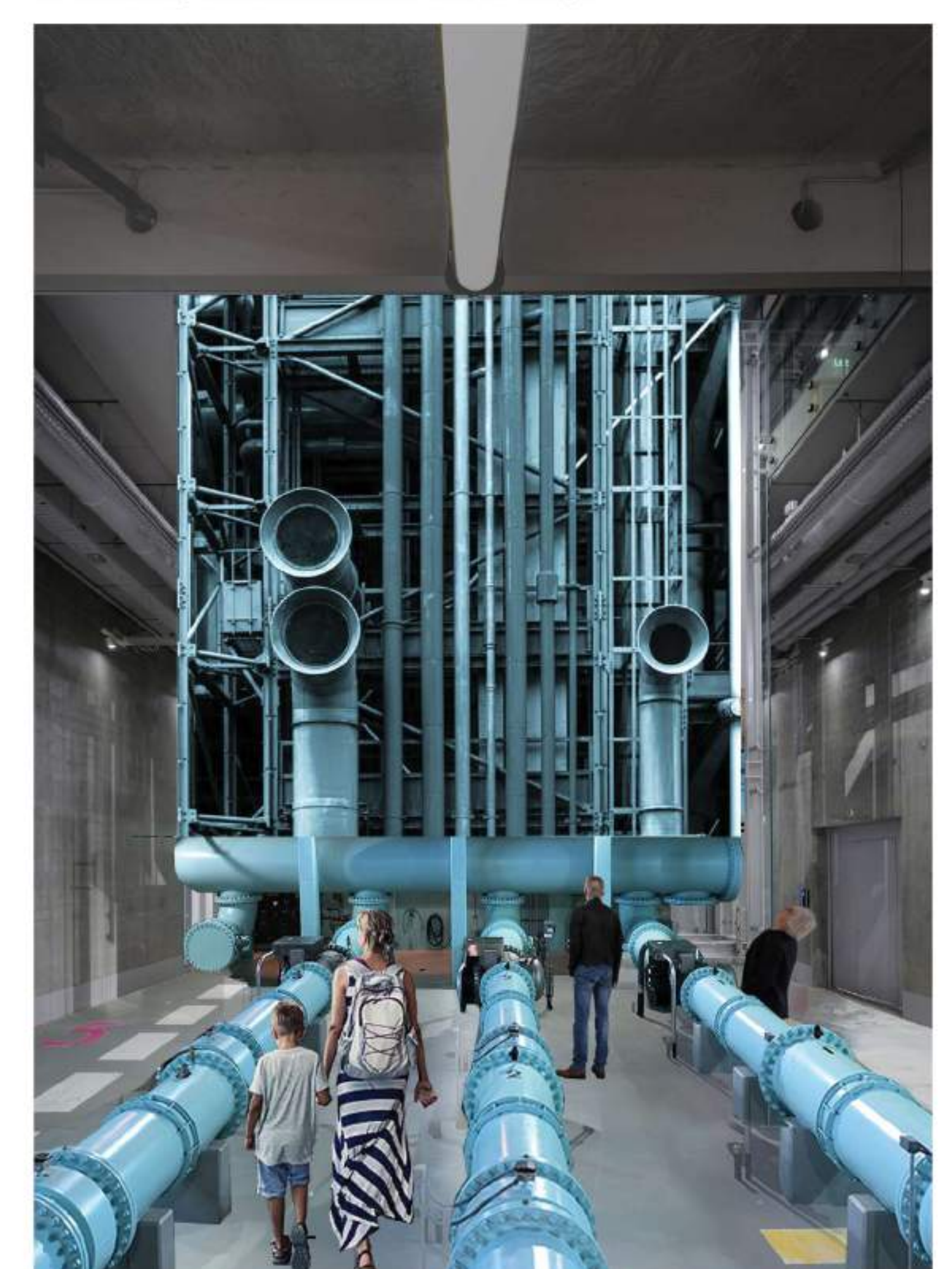


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VUE 3: view of the green stepwells from the productive spaces



VUE 4: showcasing the technical infrastructure within the third layer



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