



Coldefy &
Associés
Architectes
Urbanistes



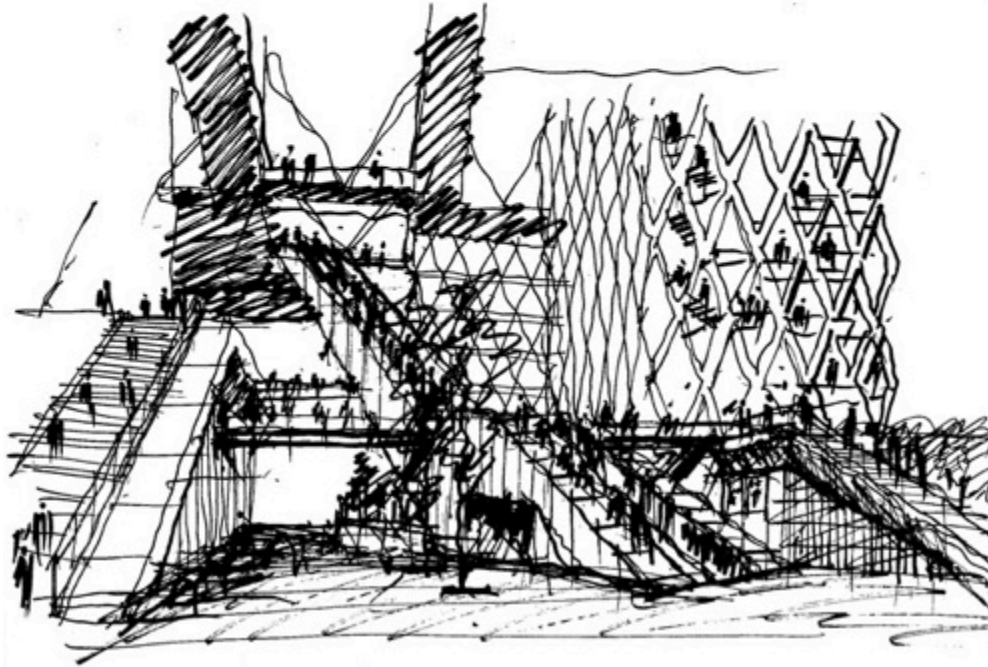
**SUSTAINABLE
ENERGY WEEK**

An initiative
of the



European
Commission

Creativity



Technicity







1.
Office Block
in Bagnolet,
France

The Parisian Green Belt



Boulogne woods

PARIS

SITE

Vincennes Woods

The Parisian Ring

Between acoustic constraint and metropolitan visibility



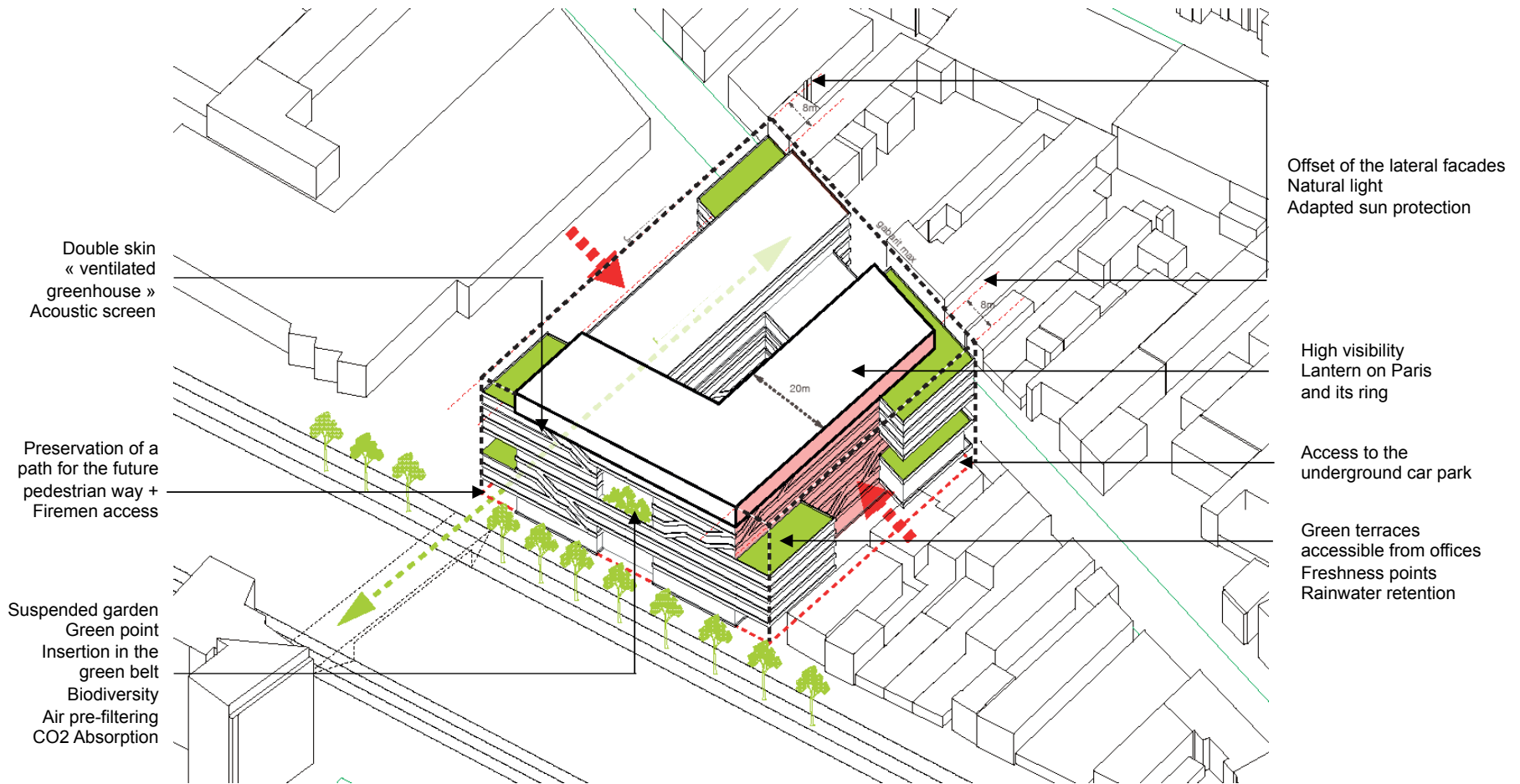
A double-face site

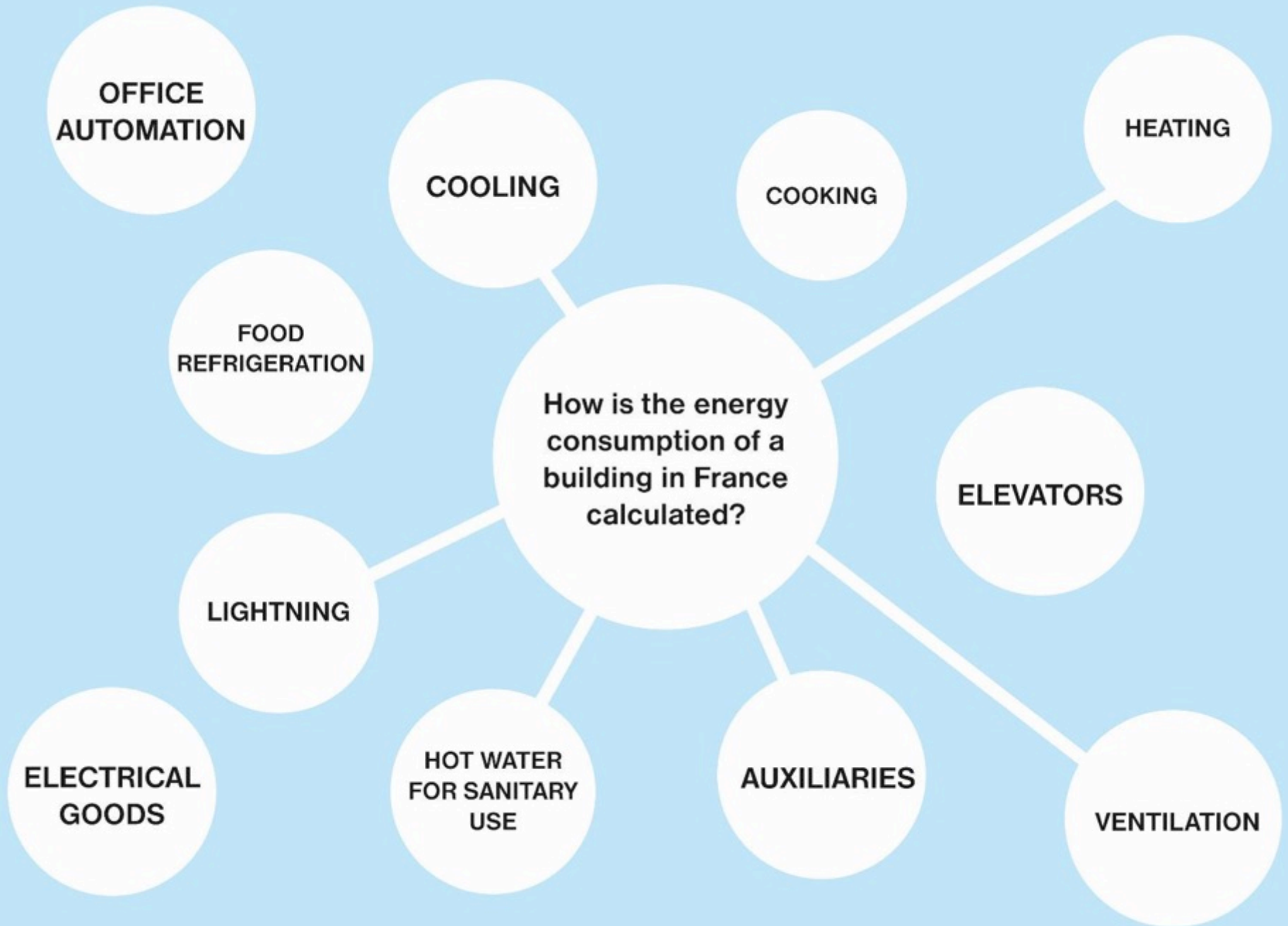


An unclear urban fabric at domestic scale.
East elevation of the site



A ring road portion with the trees as the only point of focus.
West elevation of the site





The real meaning of certification & labels?

- Certifications engagements:
- -**NF HQE** Tertiary Buildings – Neuf Millésime 2015 : Exceptional level.
- -**BREEAM** International New construction 2016 : Very Good level.
- -The **BBCA low carbon** label.
- -The project aims to provide the **Effinergie +** label.
- -The project considers the obtention of the **Biodiversity** label.



Building Life-cycle

PRODUCTION AND TRANSPORT:

- Low grey energy or biosourced material choices.
- Wood structure and wood wool for insulation.
- Local provenance of materials.

CONSTRUCTION:

- Extensive prefabrication to limit wastes.
- Dry construction
- Reuse of cross lamed timber wastes for interior spaces.

BUILDING LIFE:

- Contextual and bioclimatical conception to increase energy and interior performance
- Flexibility of the plan and the structure implantation

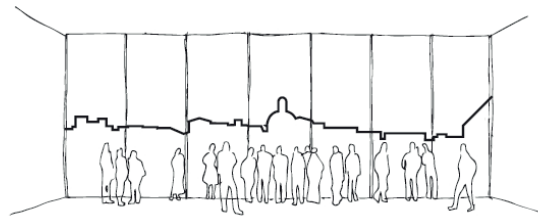
END OF LIFE:

- Wood valorisation for interior design.
- Easy reuse of the removal wood structure.

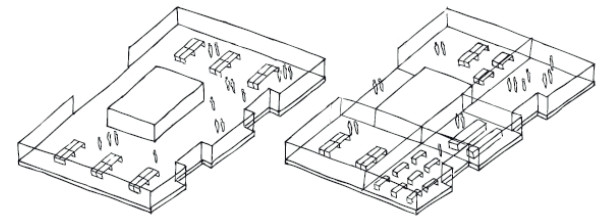




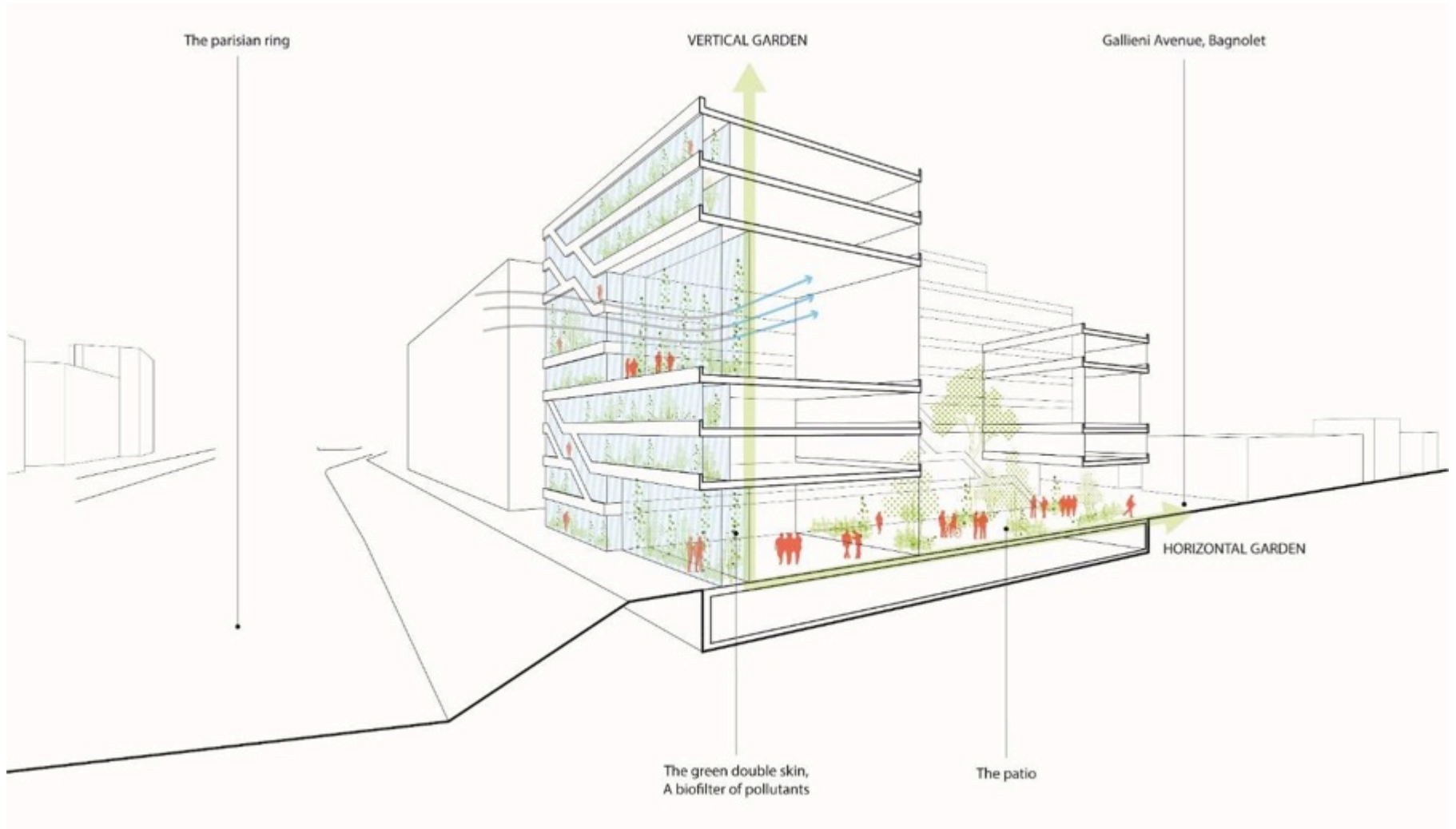
LIVING THE CITY
INVEST PUBLIC SPACES



TRANSPARENCY AND URBAN
BALCONIES



FLEXIBILITY, DURABILITY AND
GENEROSITY





Co-working



Company concierge service



Culinary workshop



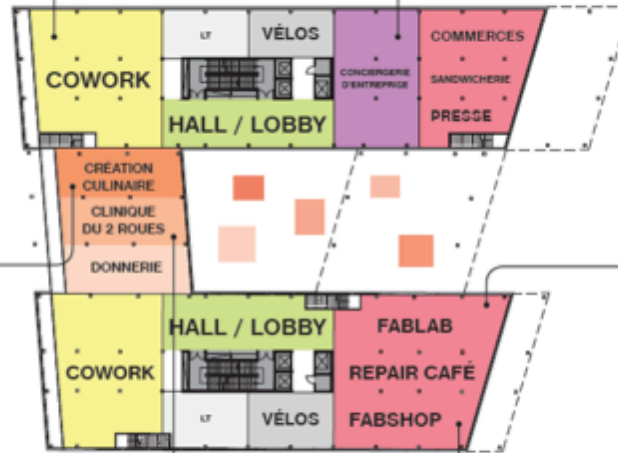
FabLab



Bicycle clinic

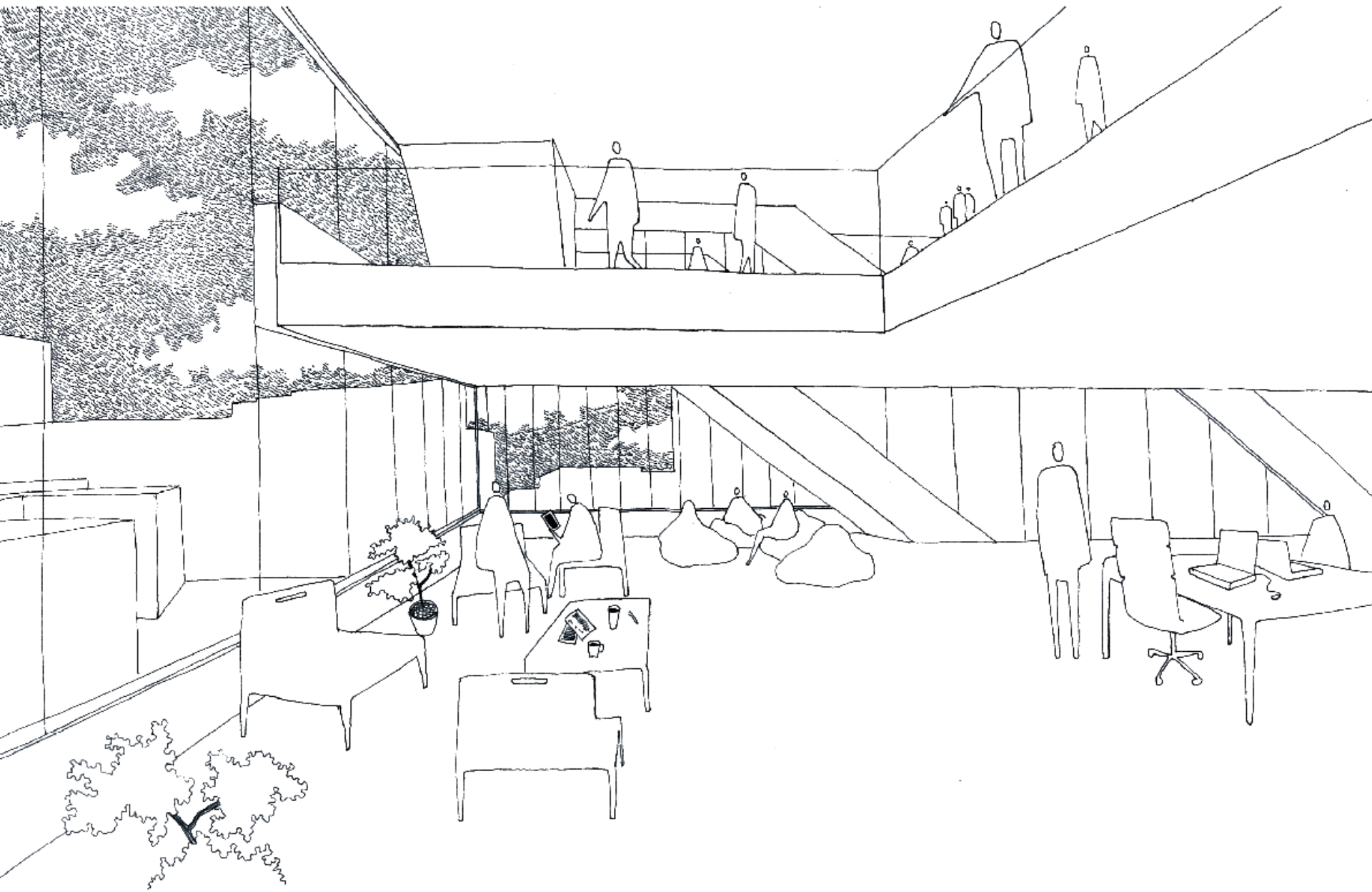


Repair Café









2. The Cloud, Cultural & Commercial Center, France

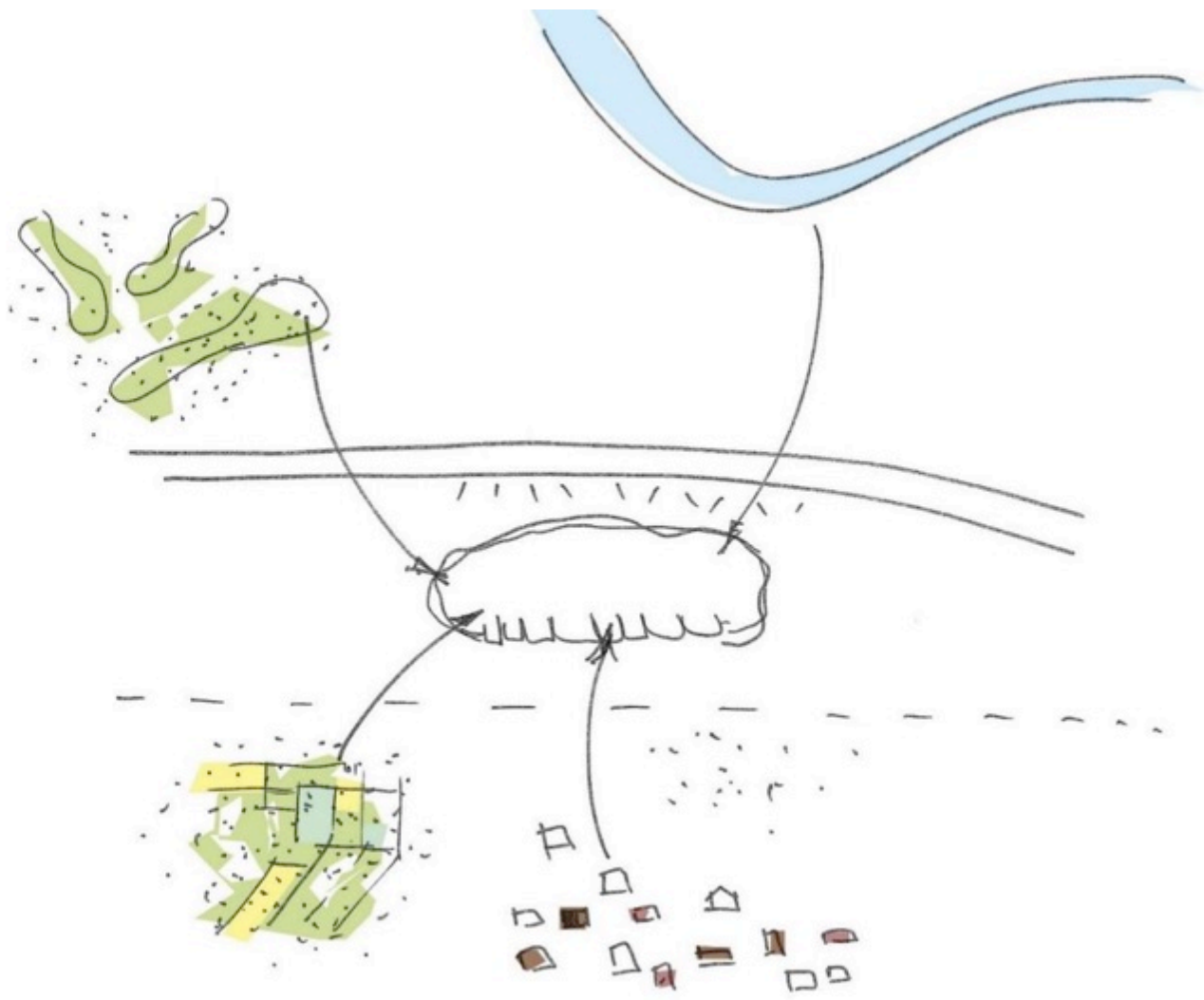


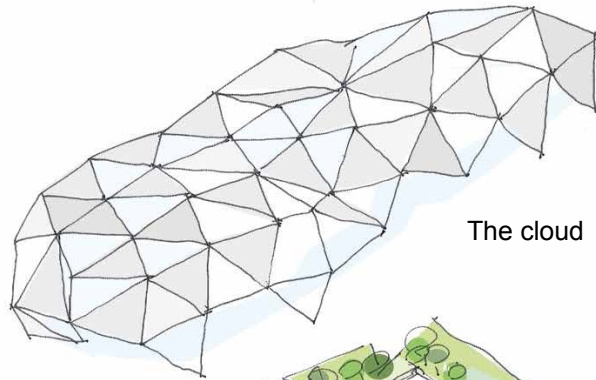
The Seine Valley Landscape...



...An obsolete commercial zone







The cloud

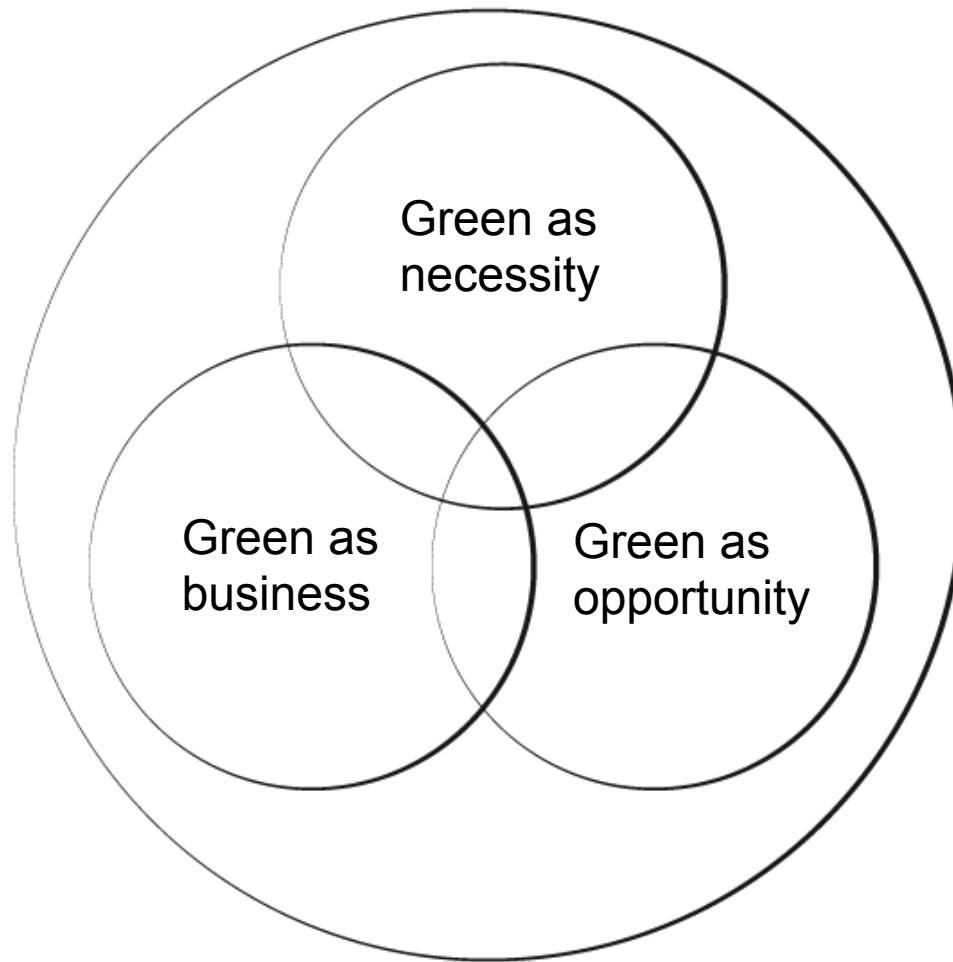


The garden



The village





Management



Health and Wellbeing



Energy



Transport



Water



Materials



Waste



Land Use

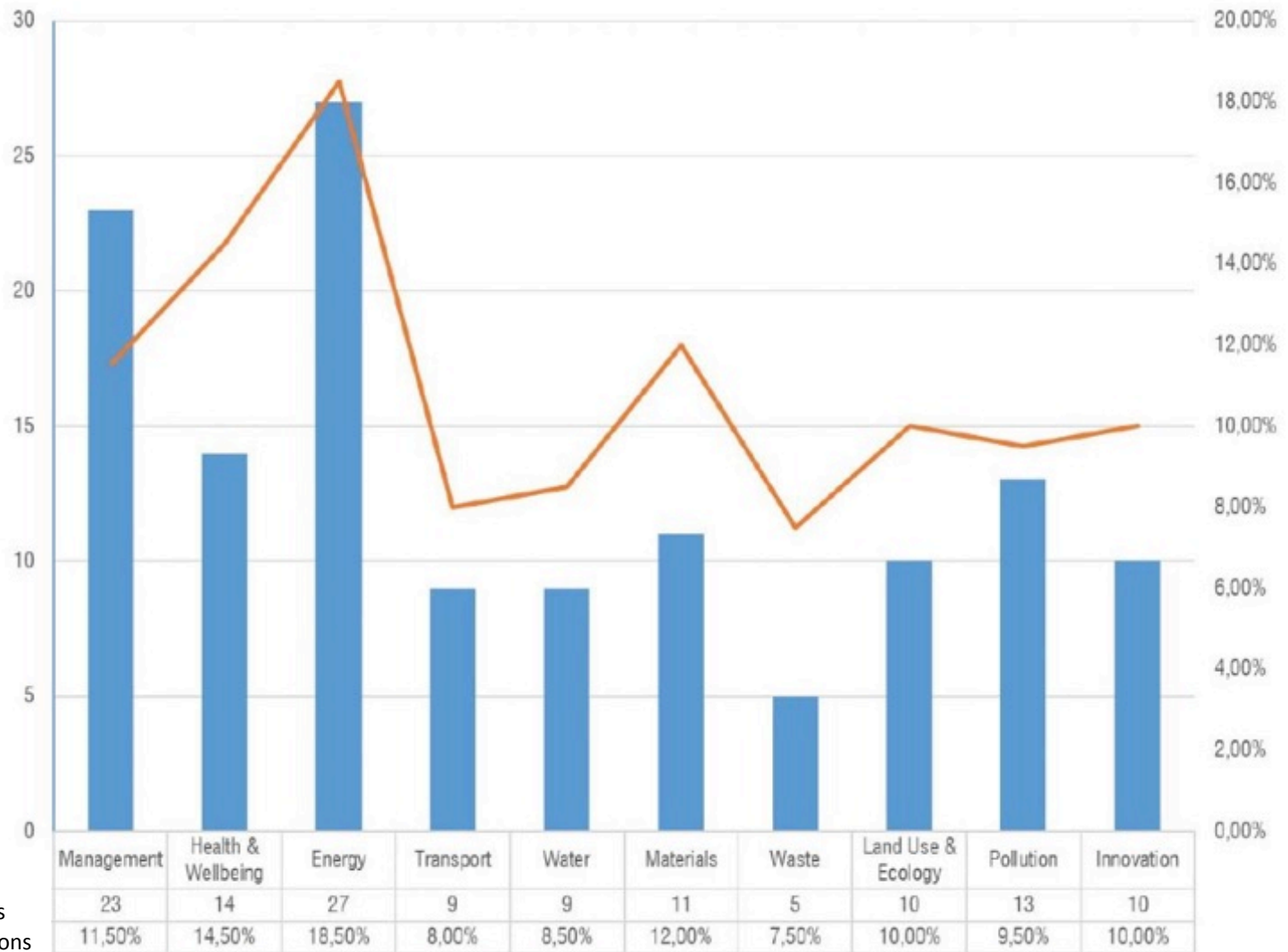


Pollution



Innovation

BREEAM requirements



■ Available points
— Project aspirations

**Coldefy & Associés
Architectes
Urbanistes**

BARBANEL
Fluid
engineerin
g

**BUREAU
VERITAS**
Inspection
agency

**WOODS
BAGOT**
Retail

BASE
Landscape
r

TRANSITEC
Trafic
studies

**FRANCK
BOUTTE**
Environmental
engineering

AE 75
Construction
-economy..

**ARP
ASTRANCE**
Environment
al
engineering

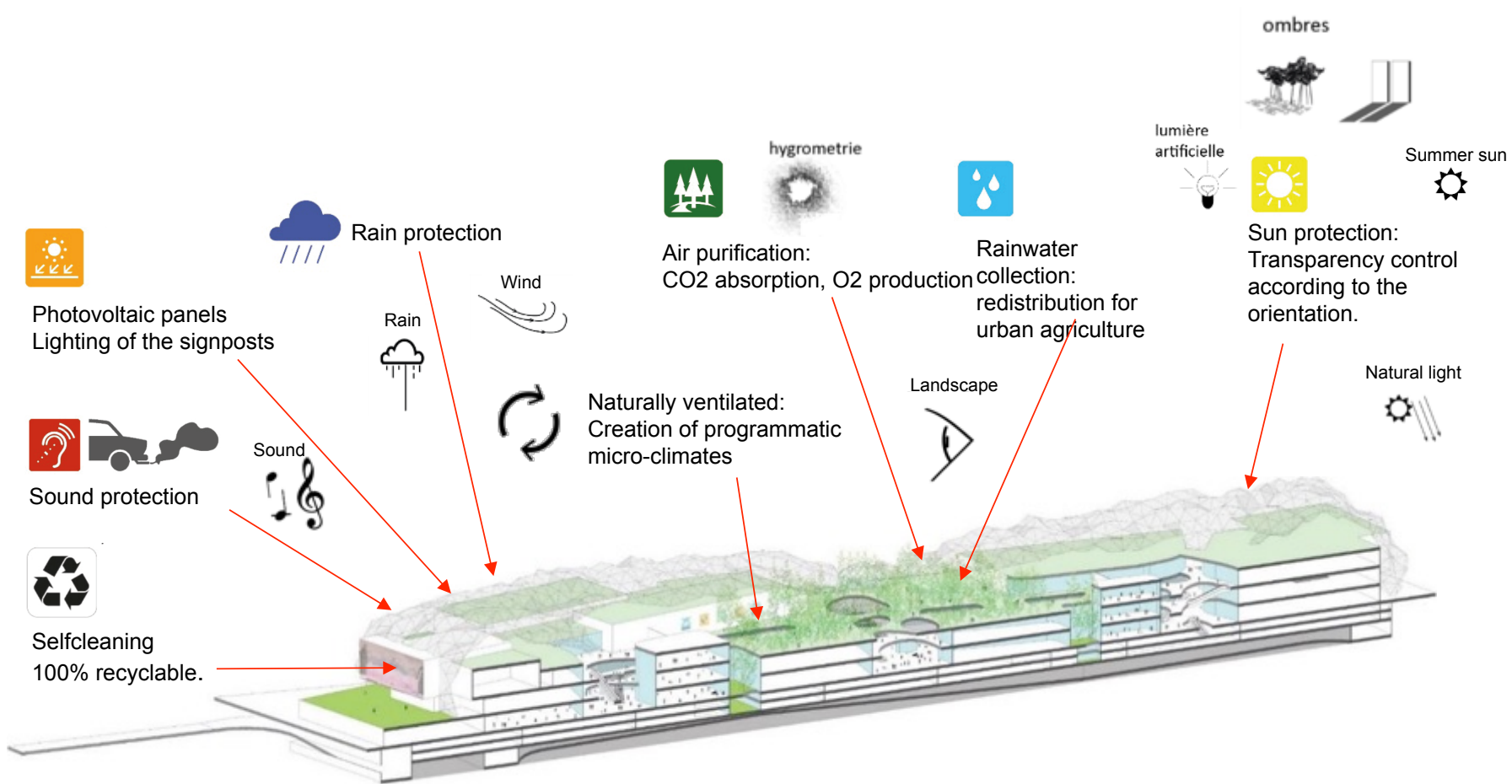
**BOLLINGER
GROHMANN**
Envelope
engineerin
g

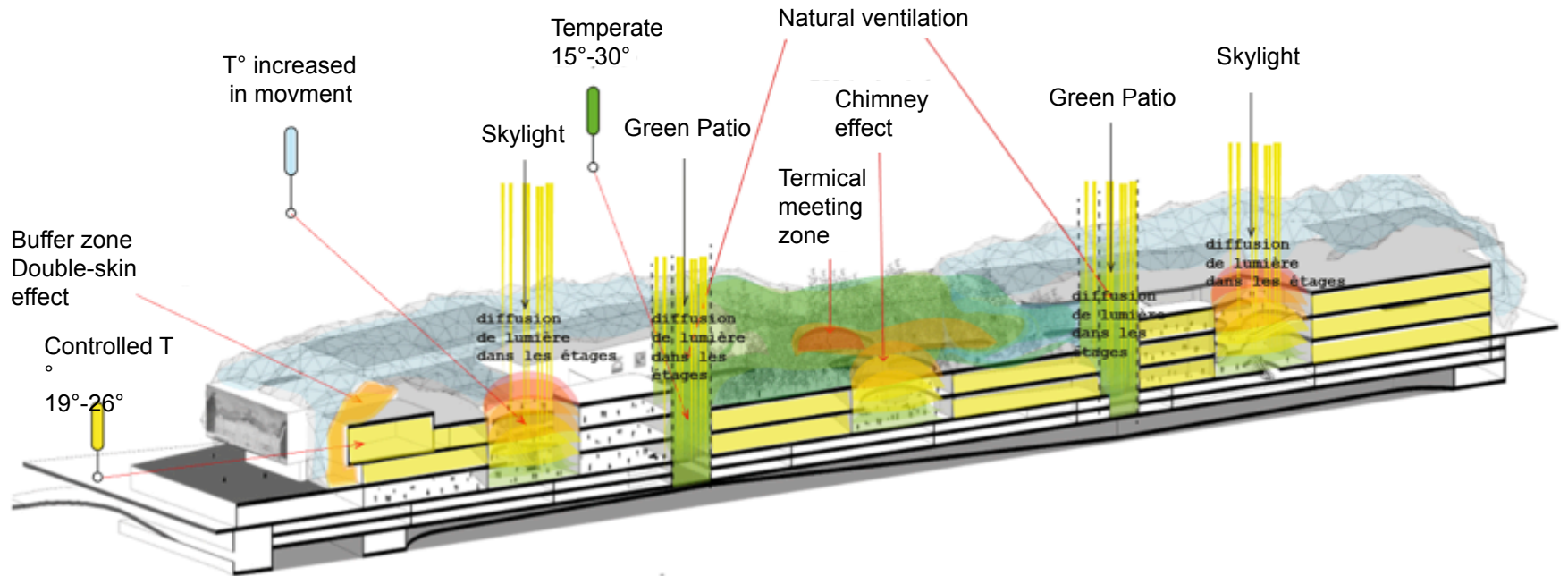
GRAU
Urbanist

**MATHIEU
LEHANEUR**
Designer

PROJEX
Structure
),
engineerin
g

PEUTZ
Acoustic
engineerin
g







CONCERT DE SOIR CONCI
CONCERT DE CONCI

THE BOOK SHOP

Sportswear

planete café

planete café

LANCÔME

LANCÔME

The Bookshop



3.

Lucie Aubrac public middle school, France









RUE J.-B. COROT

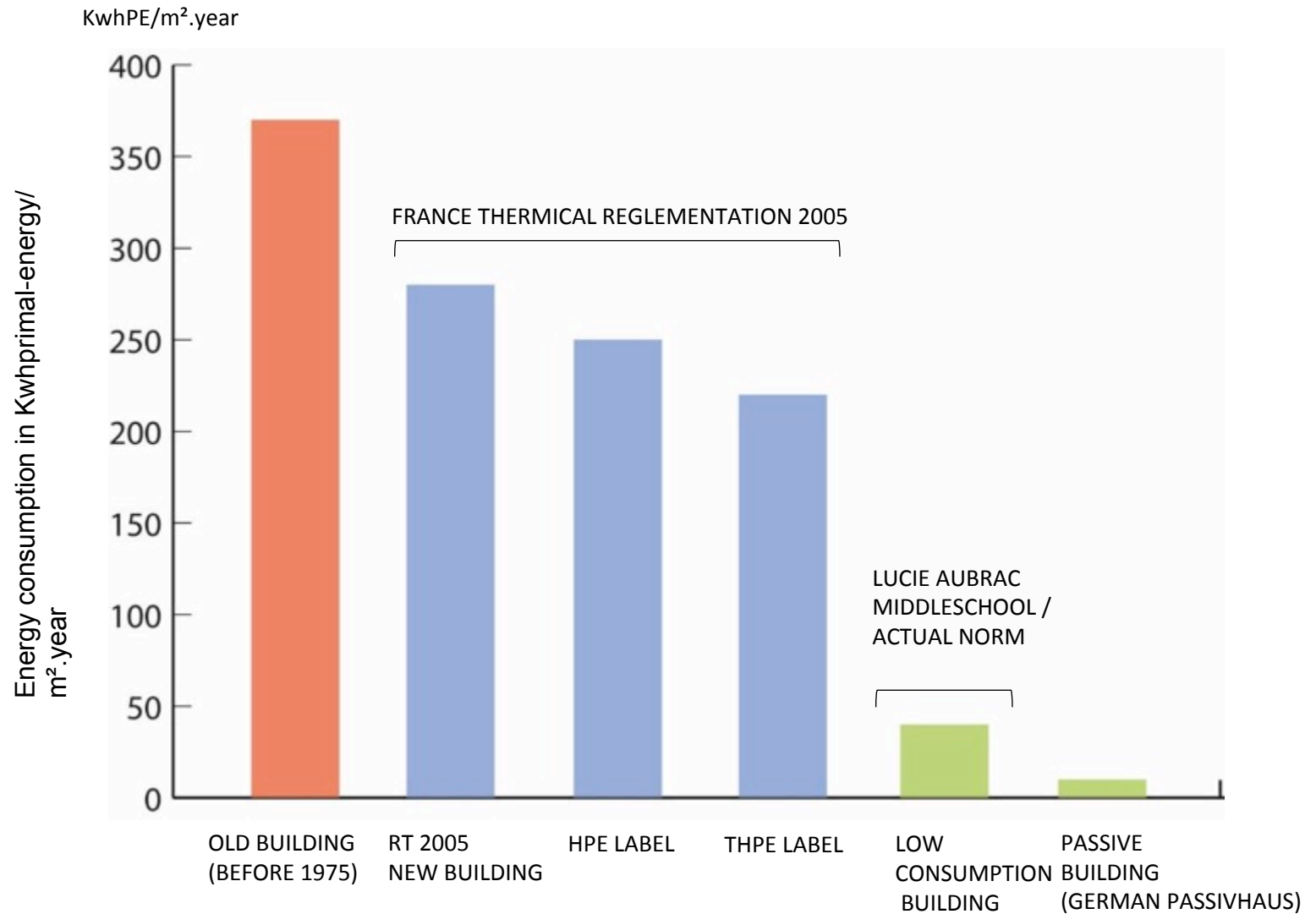
CHAUSSEE DENIS PAPIN

RUE FIN DE LA GUERRE

AVENUE KENNEDY

N

The France situation in 2010







27

1 3
Cours général







2

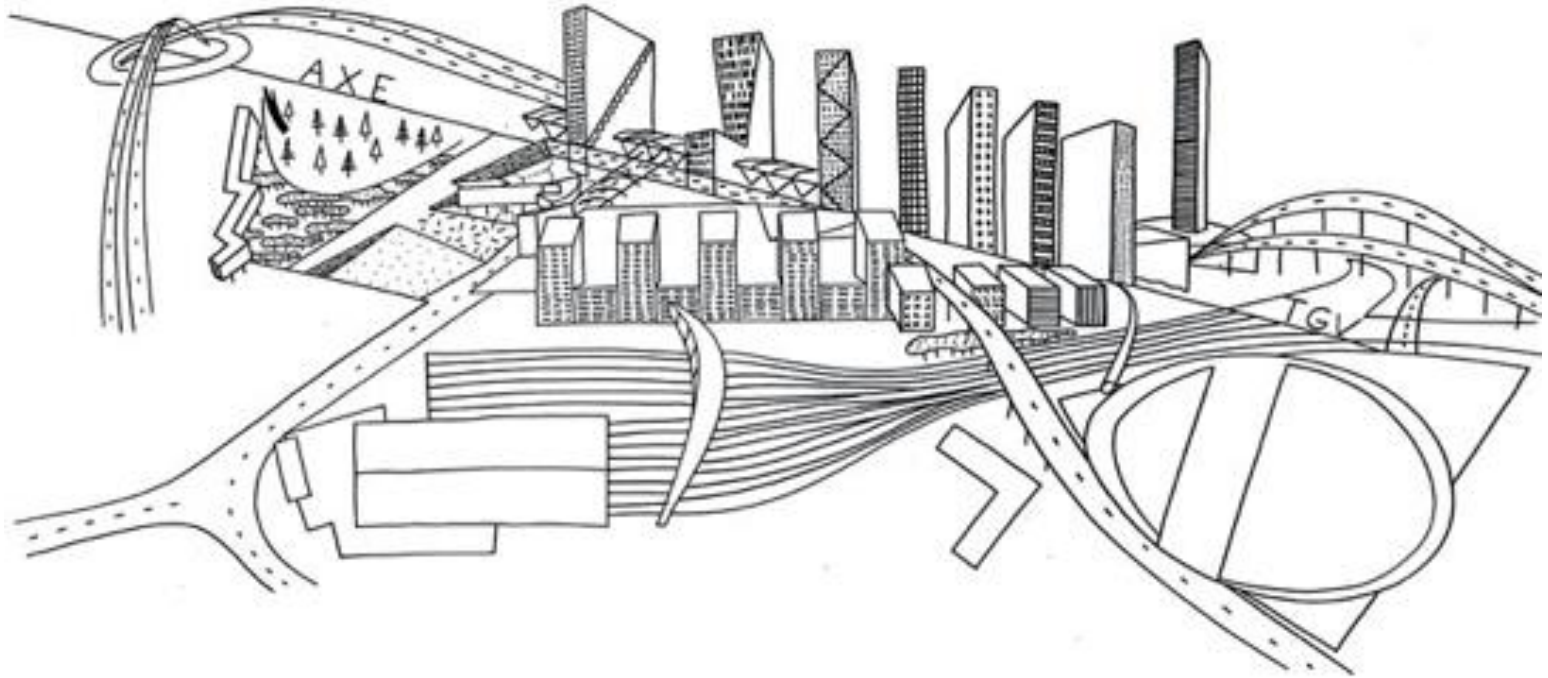
1

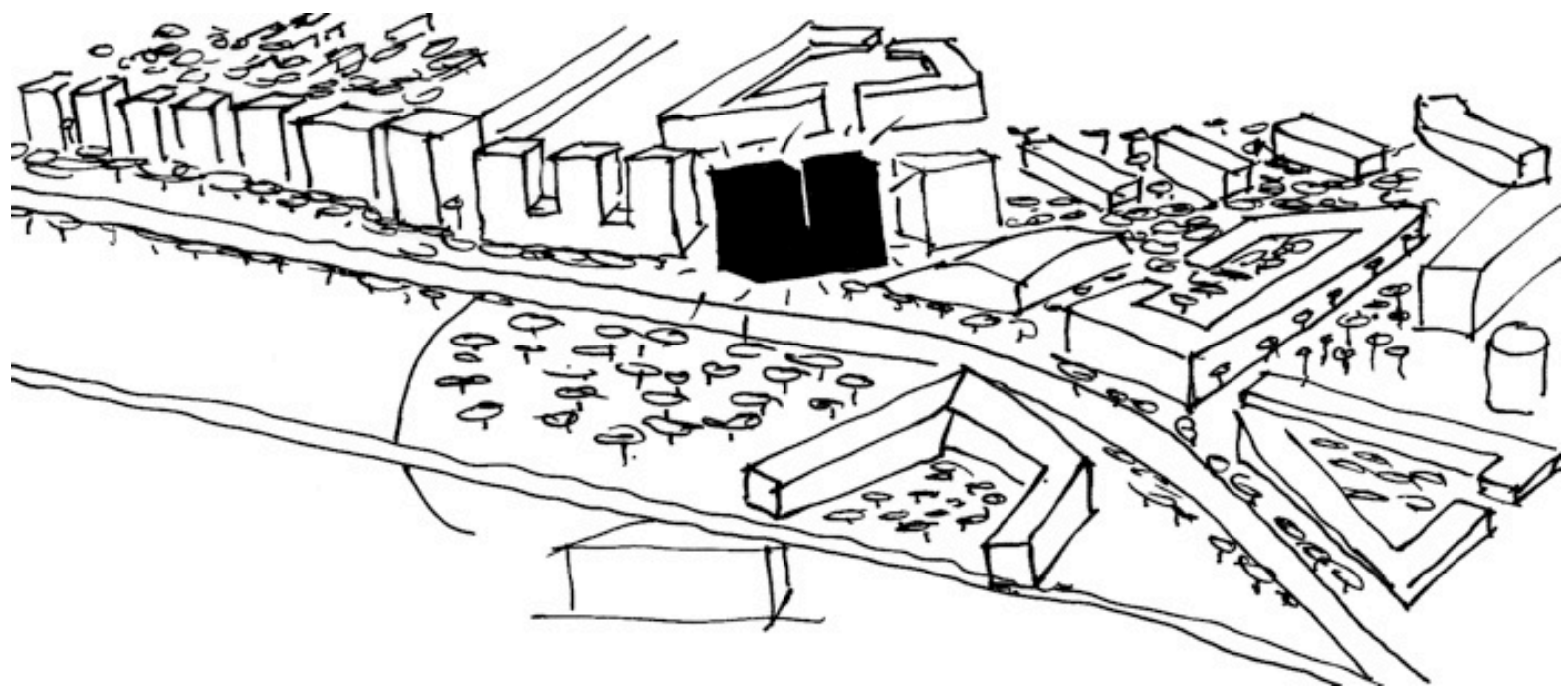
escalier 1
100 - 108
107 - 108

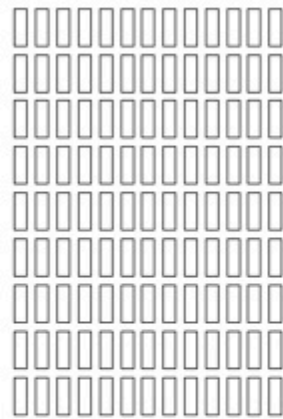
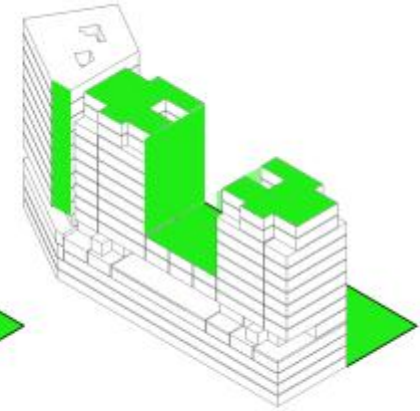
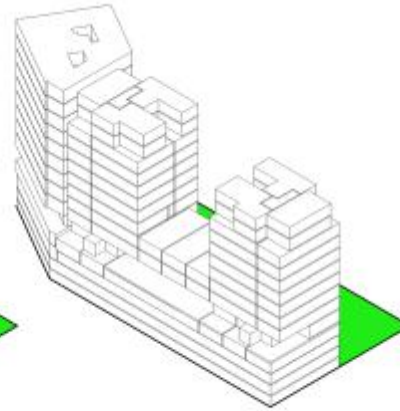
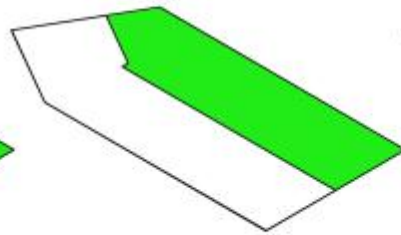
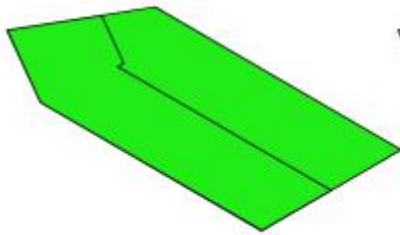
4. ZAC Porte de Valenciennes, France



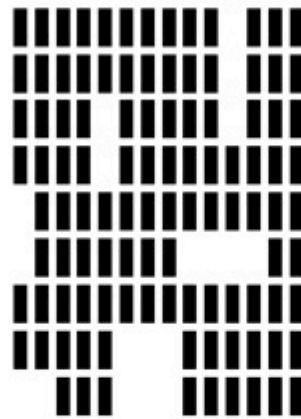
OMA Urban plan_Lille



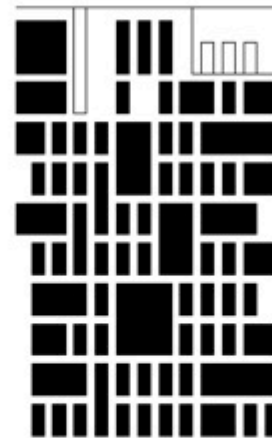




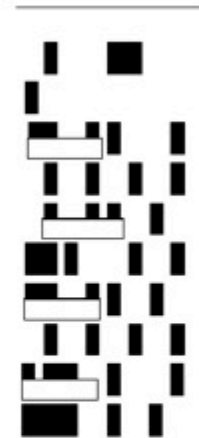
MODULE
60 X 85



BUREAUX
& ACTIVITES



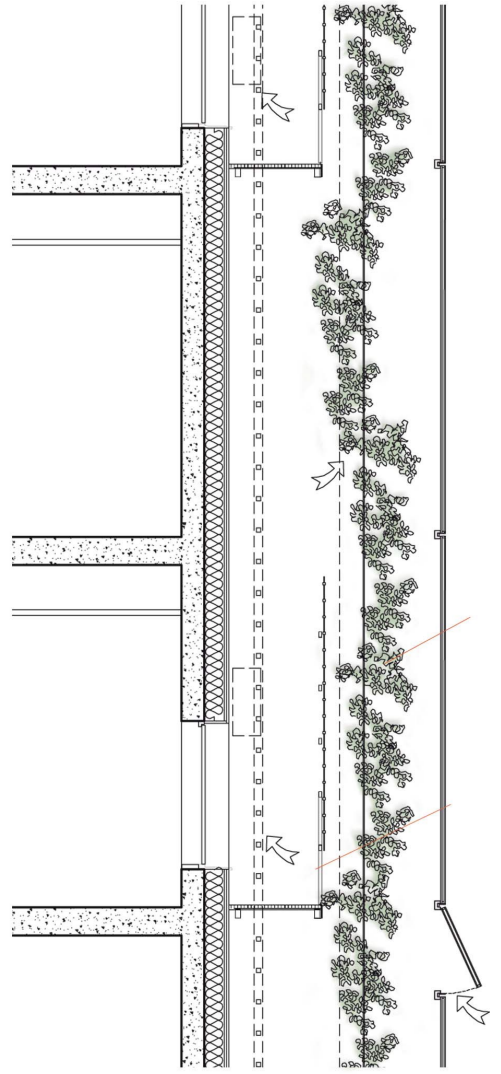
LOGEMENTS:
FACADE SUD



LOGEMENTS:
FACADE NORD





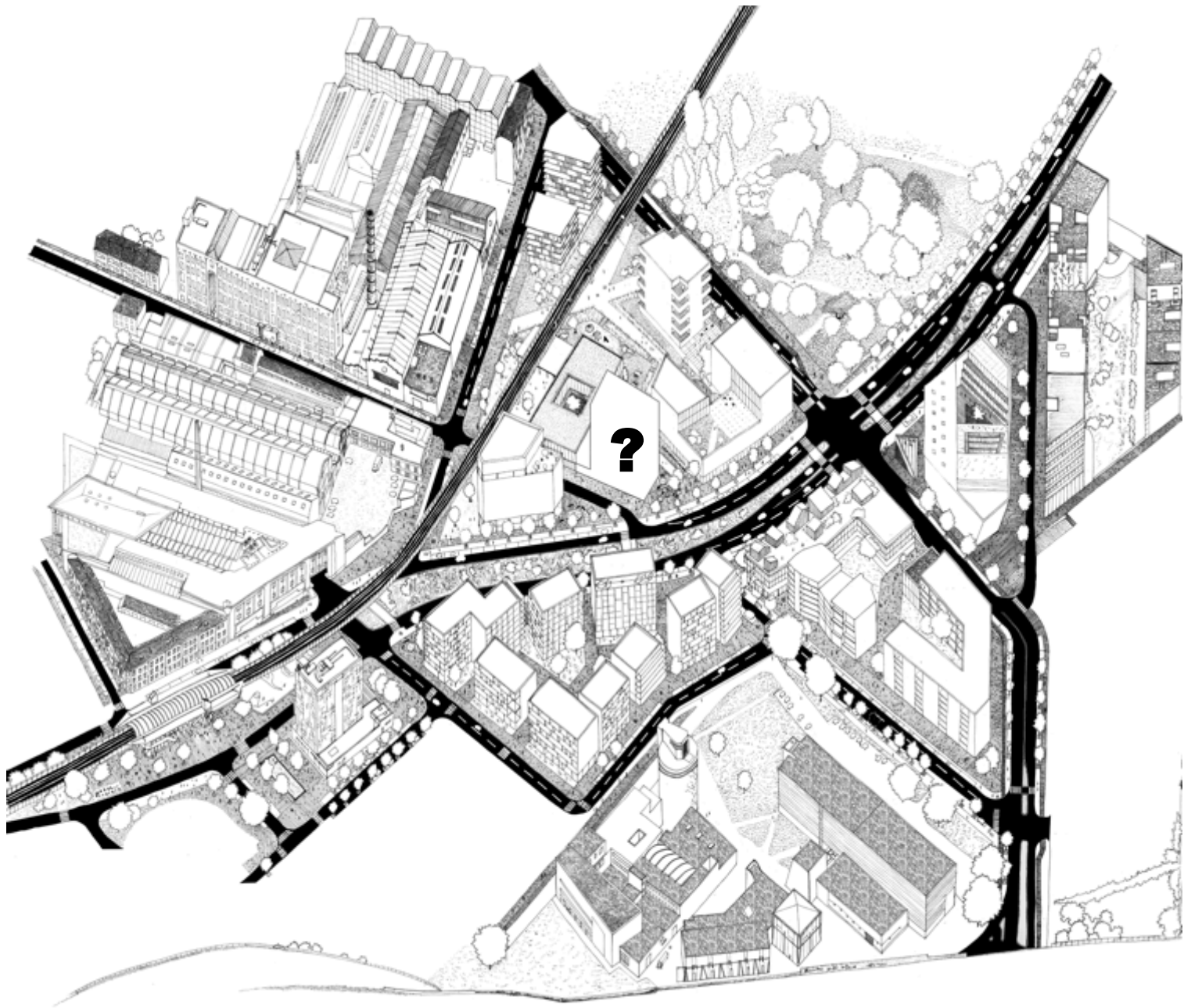


Cross section on the thermic tower









THANK YOU

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