



Technopark

29 03 2013



TECHNOPARK _Schedule



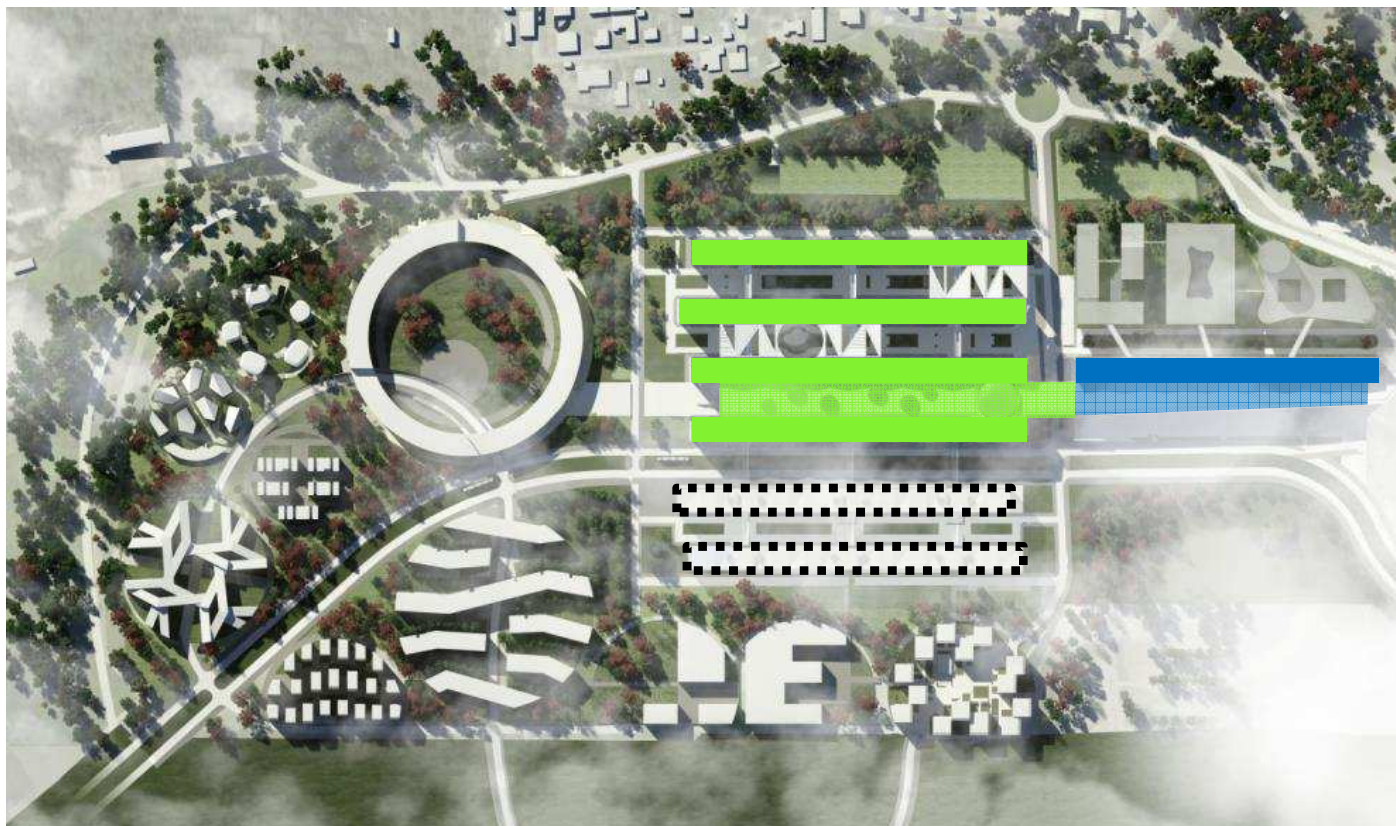
District D2



District D2

Project Technopark _ Master Plan

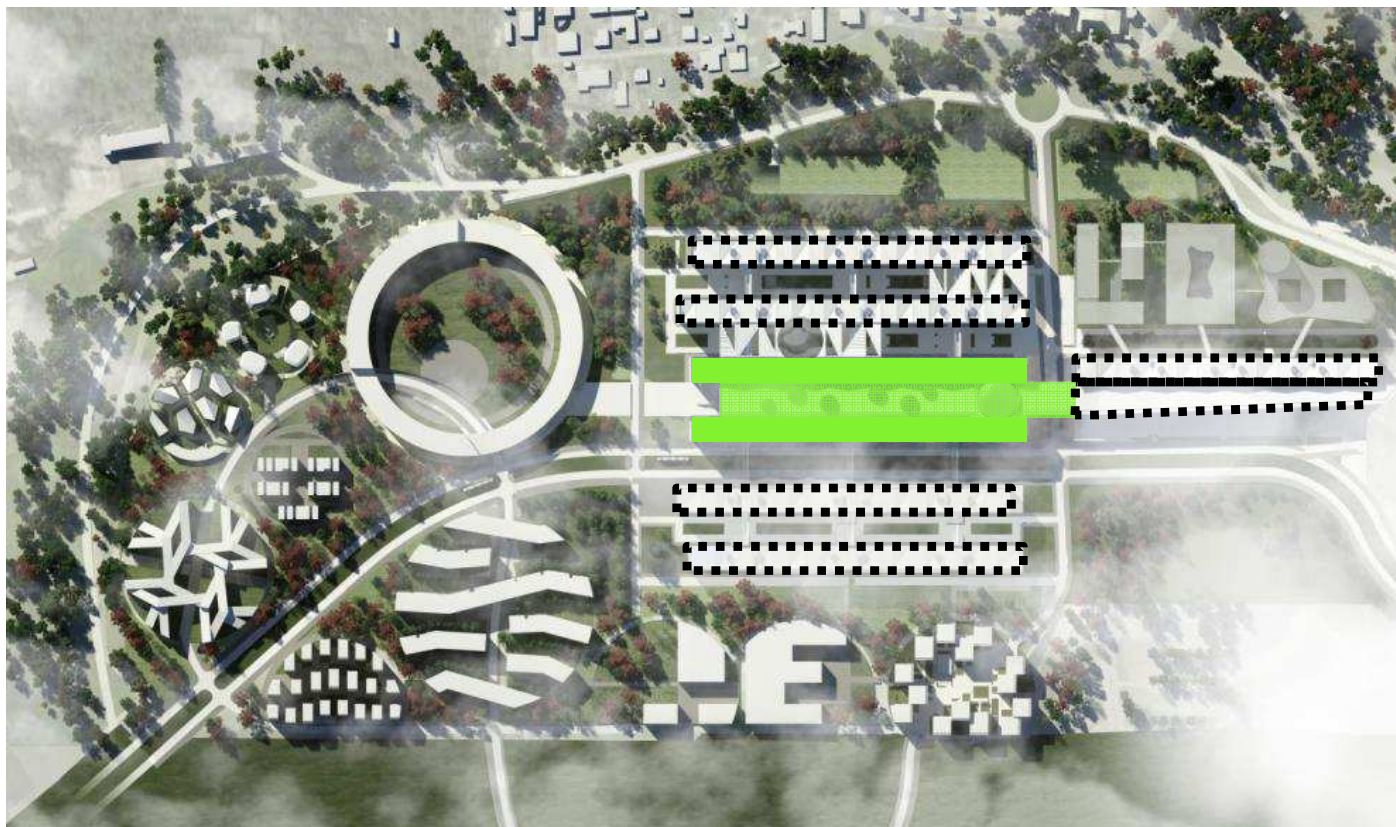
January 2012



District D2

Project TPS _ Proekt
Project GBC _ Proekt

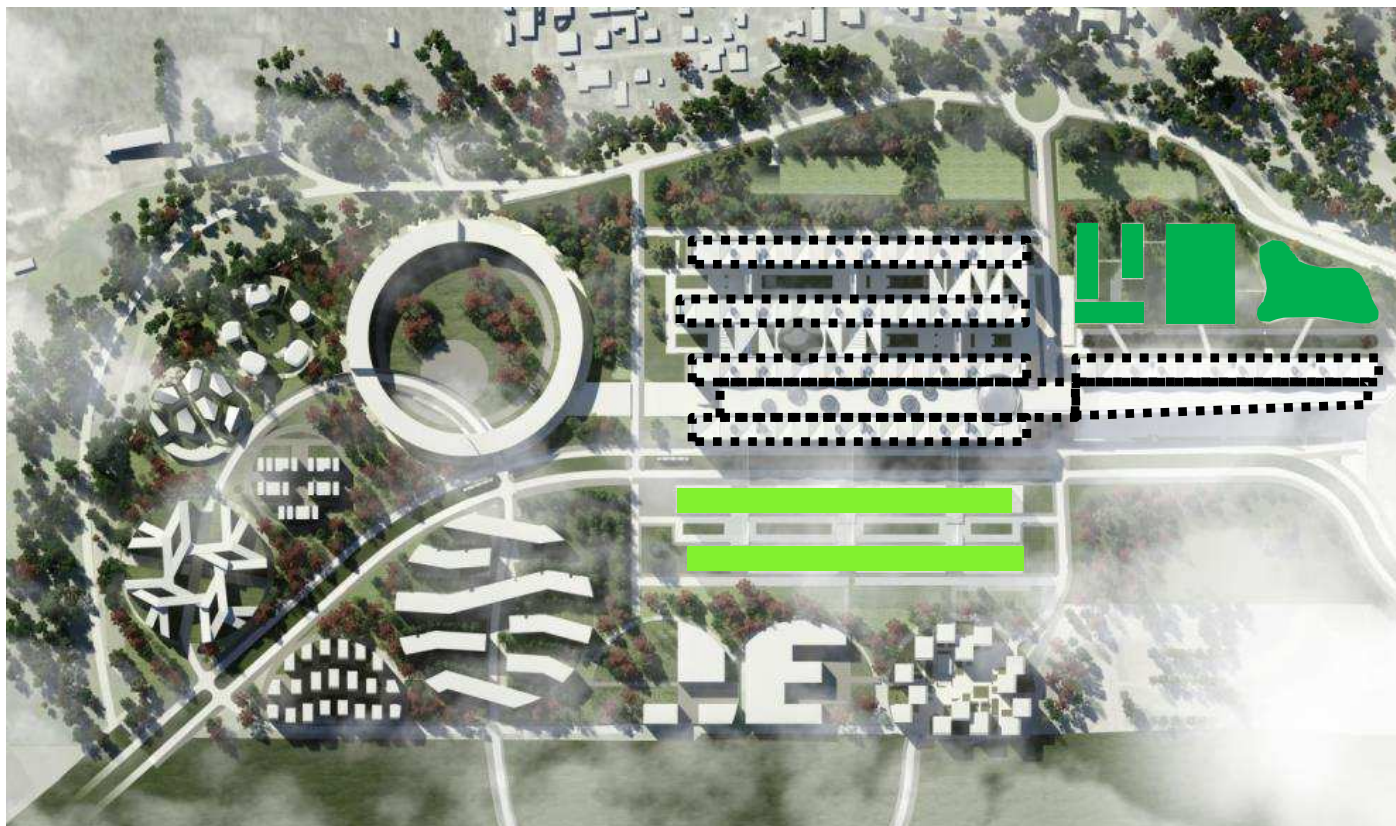
May 2013
May 2013



District D2

Tender _ TPS 1st Phase

June 2013



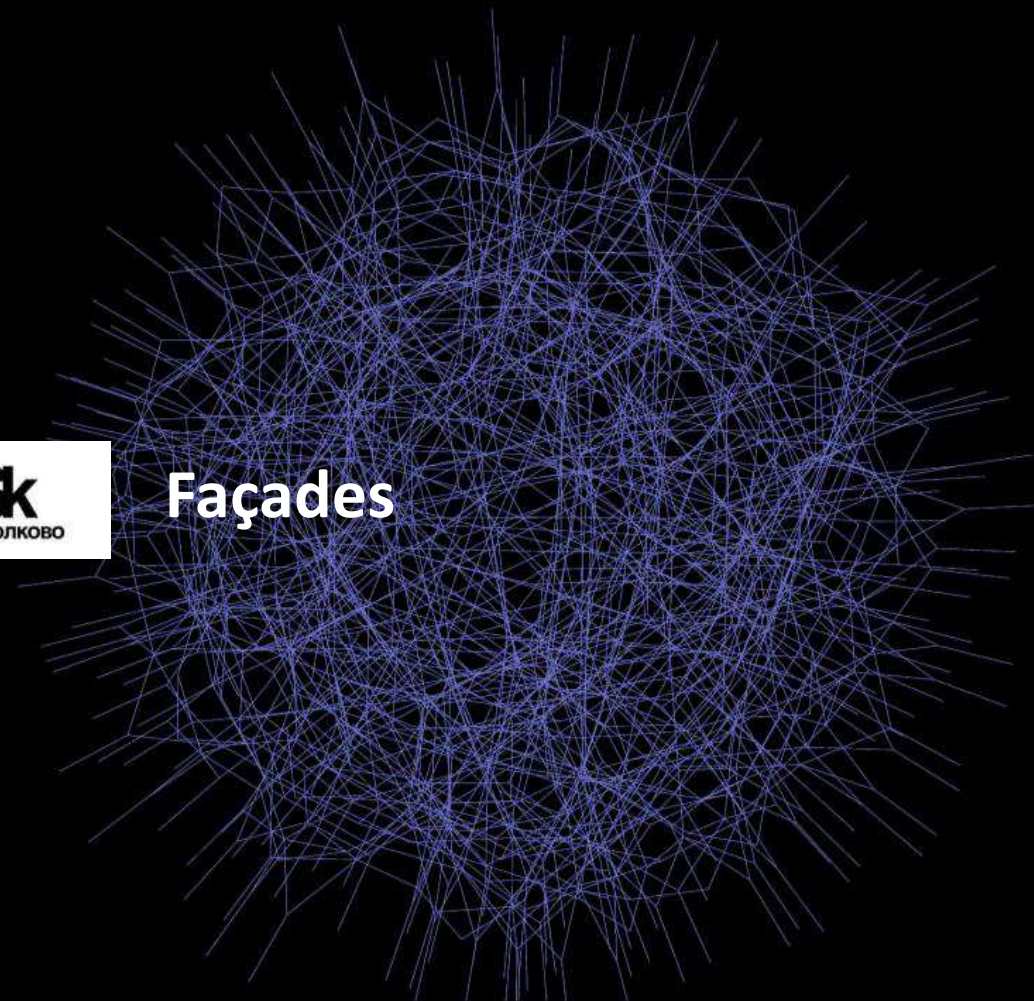
District D2

Studies with investors

2013_2014



Façades



A9. Facades

The facades of the Technopark have been designed for efficiency and to affirm an architectural image.

Light weight, repetitive, modular block curtain wall systems preassembled in an offsite factory will allow rapid installation and quality control thanks to their industrialized fabrication process.

From an architectural standpoint, the concept is to evoke high technology serving society, the design reference being that of the iPhone: an envelope of black glass which reflects its environment and whose solid construction is underlined by a perimeter band in stainless steel.

Thus the Technopark's image will be that of a glass volume, black and mysterious, reflecting sky and landscape and highlighted by rows of stainless steel.

Just as with the iPhone which also uses the color white, the interior of the Technopark and the facades of the Gallery will be designed as the main facades but white glass mosaics.

The different types of facades of the project are:

• Typical Laboratory Facades

Curtain walls using opaque enameled black glass, designed with flush joints.

The window grid is 1.20 m wide and the free height of vision glazing varies according to laboratory layouts, with full height windows marking circulation spaces between lab benches.

• Facades specific labs

Specific laboratories are housed mainly within the 9.00m double height volume on the lower floors. These volumes may or may not be divided into two levels, but the facades are designed as single curtain wall blocks, 9.00m high.

To achieve this, steel stiffeners are used in conjunction with aluminum curtain walls. Vertical stiffeners are positioned every 1.20 m, with fins projecting to the exterior, which in turn creates visual rhythm and depth, enriching the architectural composition.

• Louvers

The top floor is dedicated to the installation of plant rooms, which are highly variable in density and will evolve significantly. Facades at this level will allow ventilation and total protection from rain and snow.

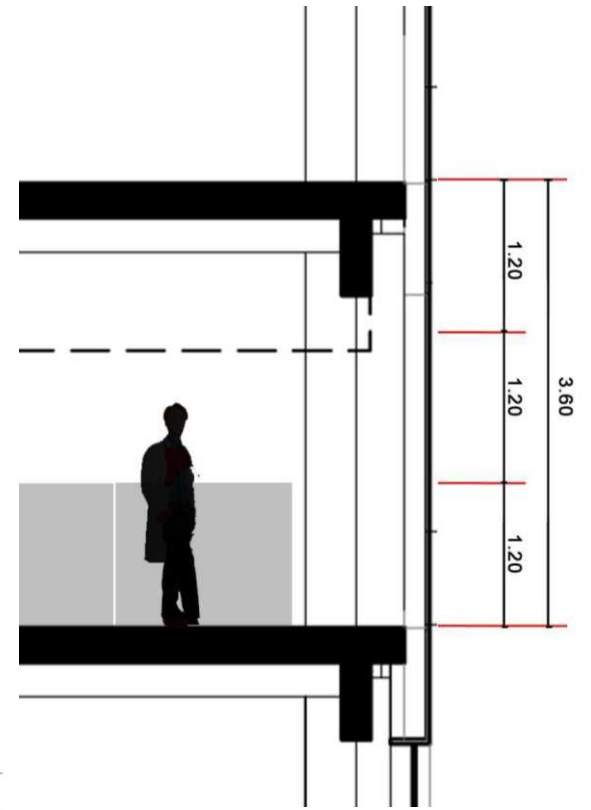
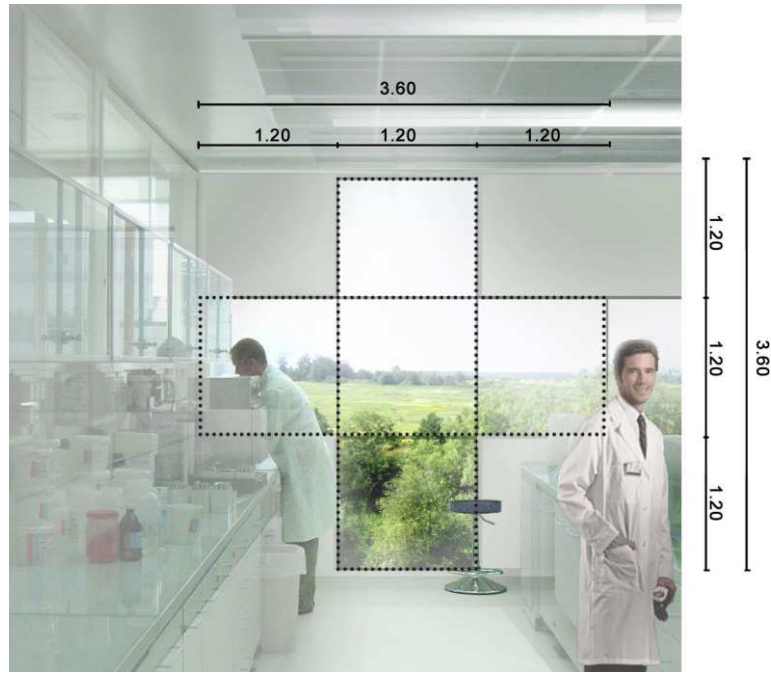
Technical rooms are enclosed where necessary by a separate specific facade in order to provide certain equipment a controlled environment. Stainless steel louvers wrap the building to ensure volumetric continuity as well as to emphasize the reference to the iPhone.

• Facades gateways

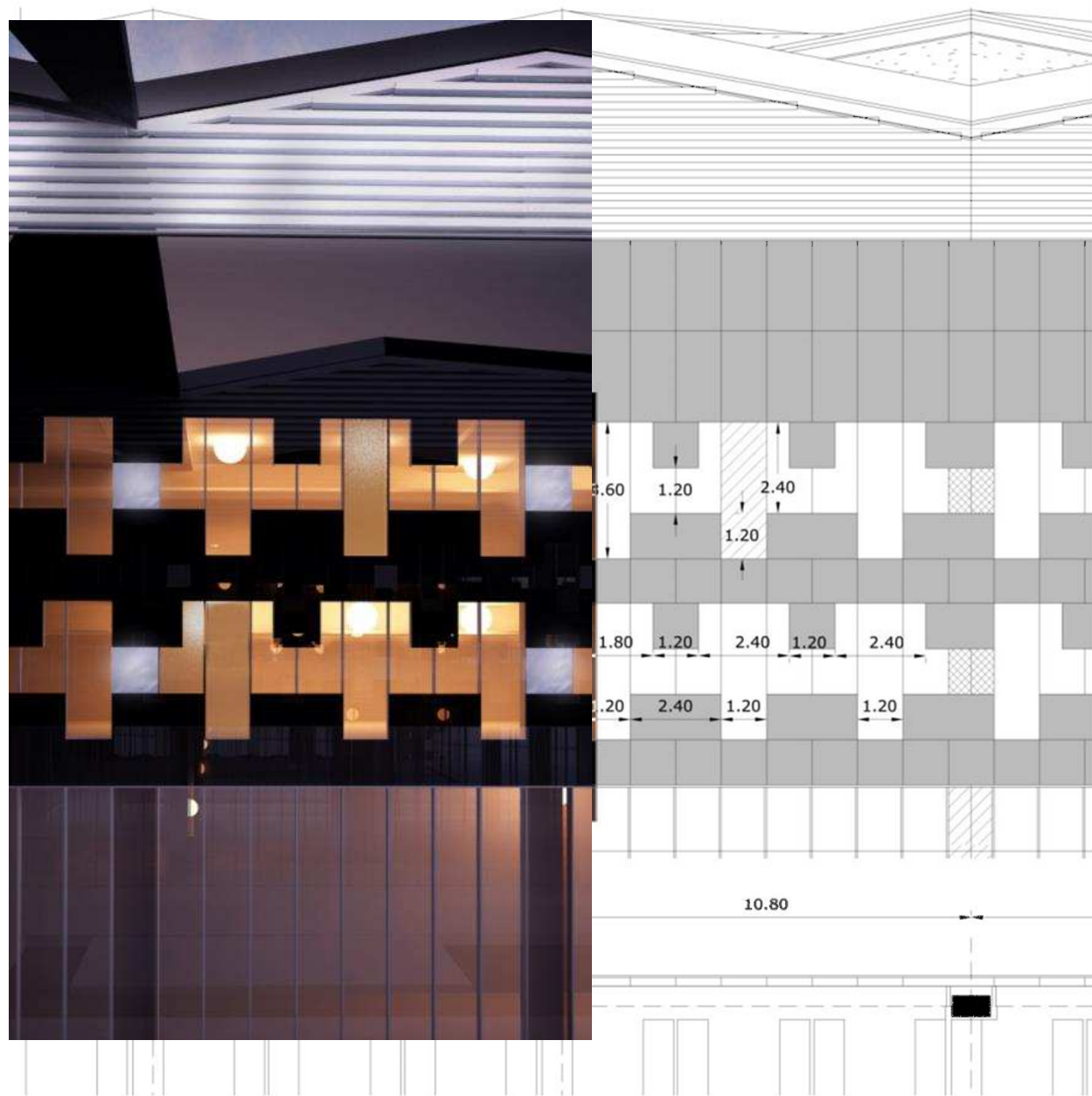
The foot bridges connecting building volumes are in fact «architectural breathing spaces» providing panoramic views of the patio gardens below.

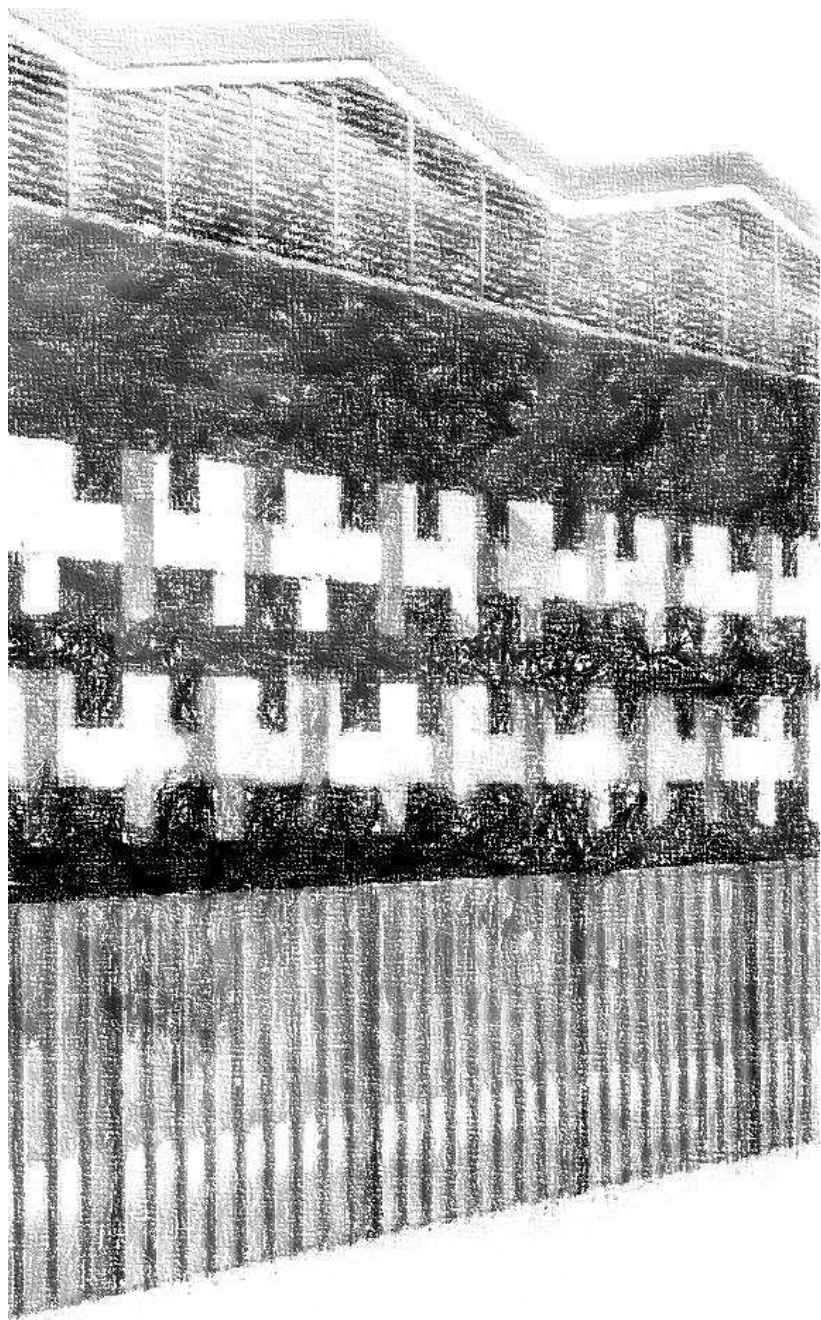
Glass window walls, designed without framing and hung from the bridges' upper trusses, will offer unobstructed views to the outside.





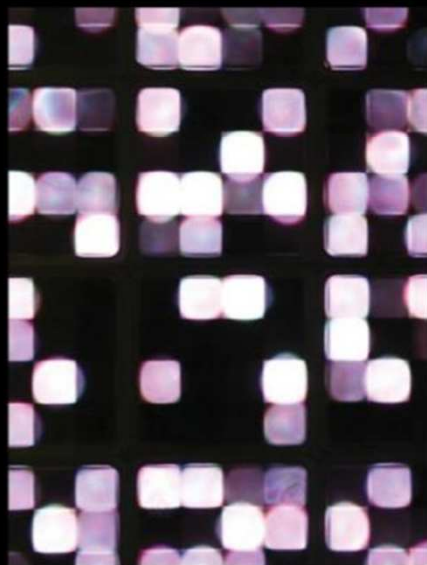
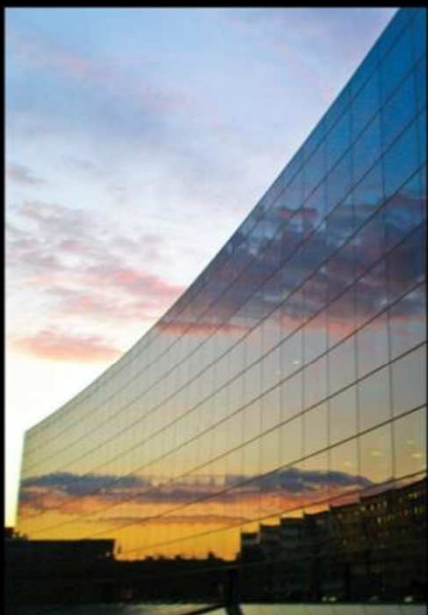
TYPICAL FACADE MODULE

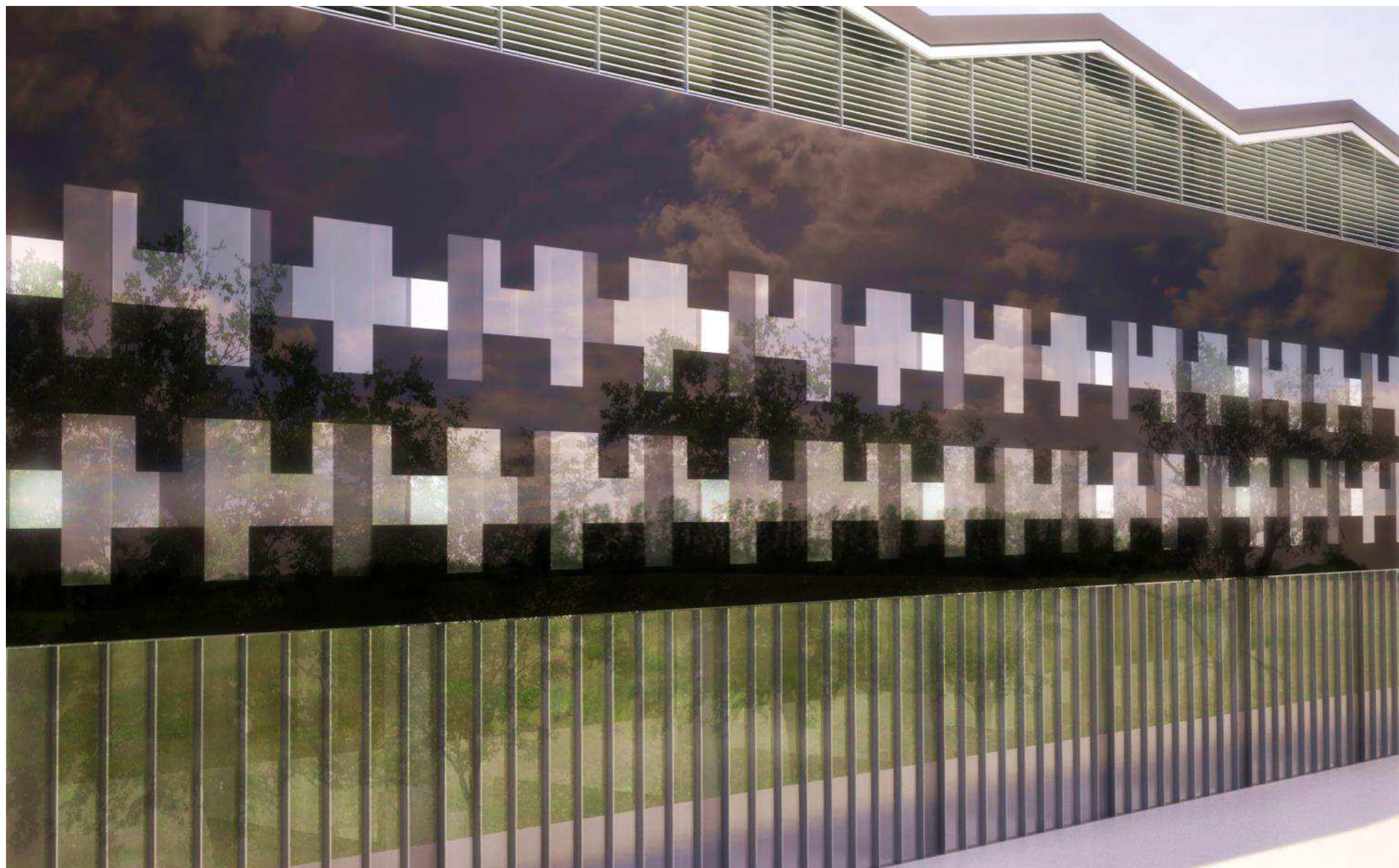


















Valode & Pistre architectes

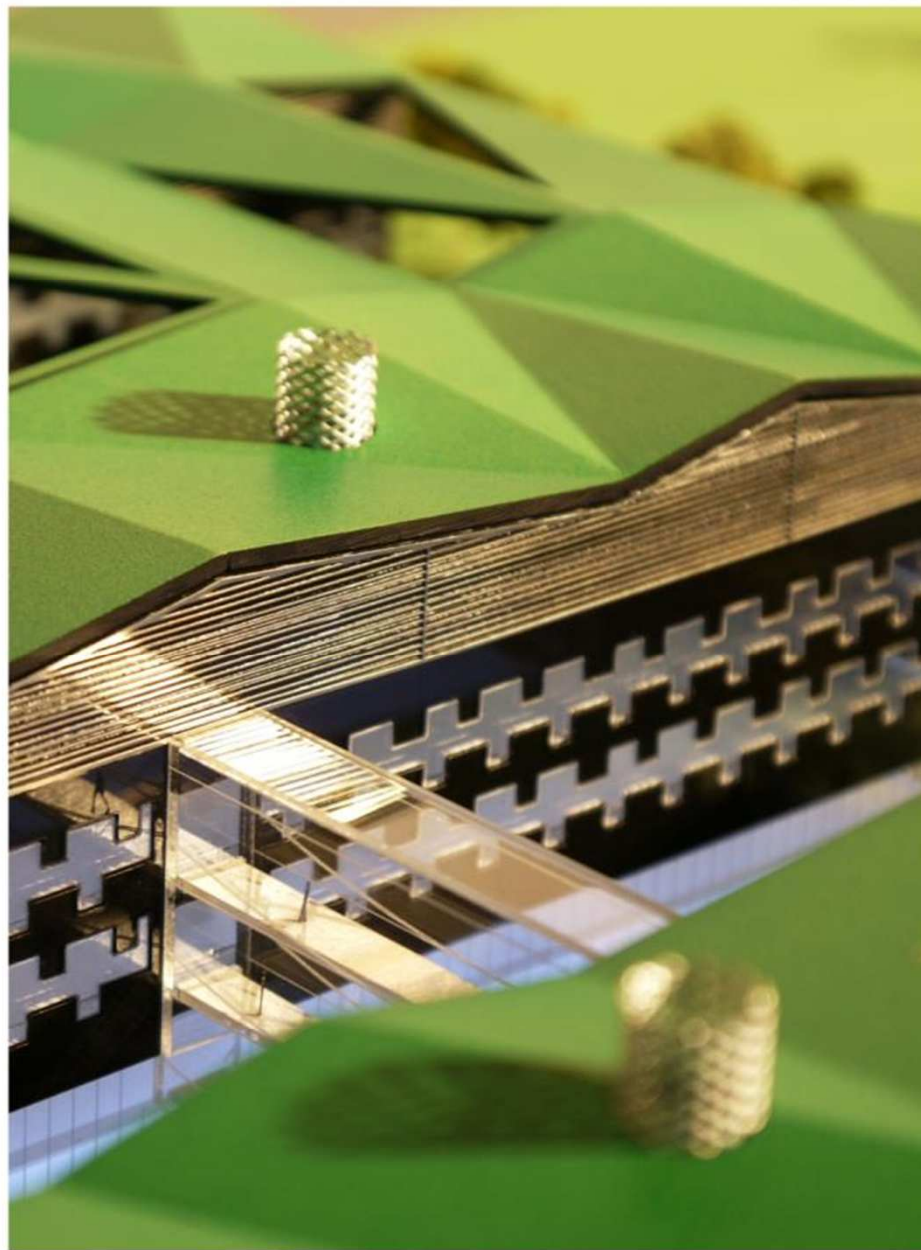
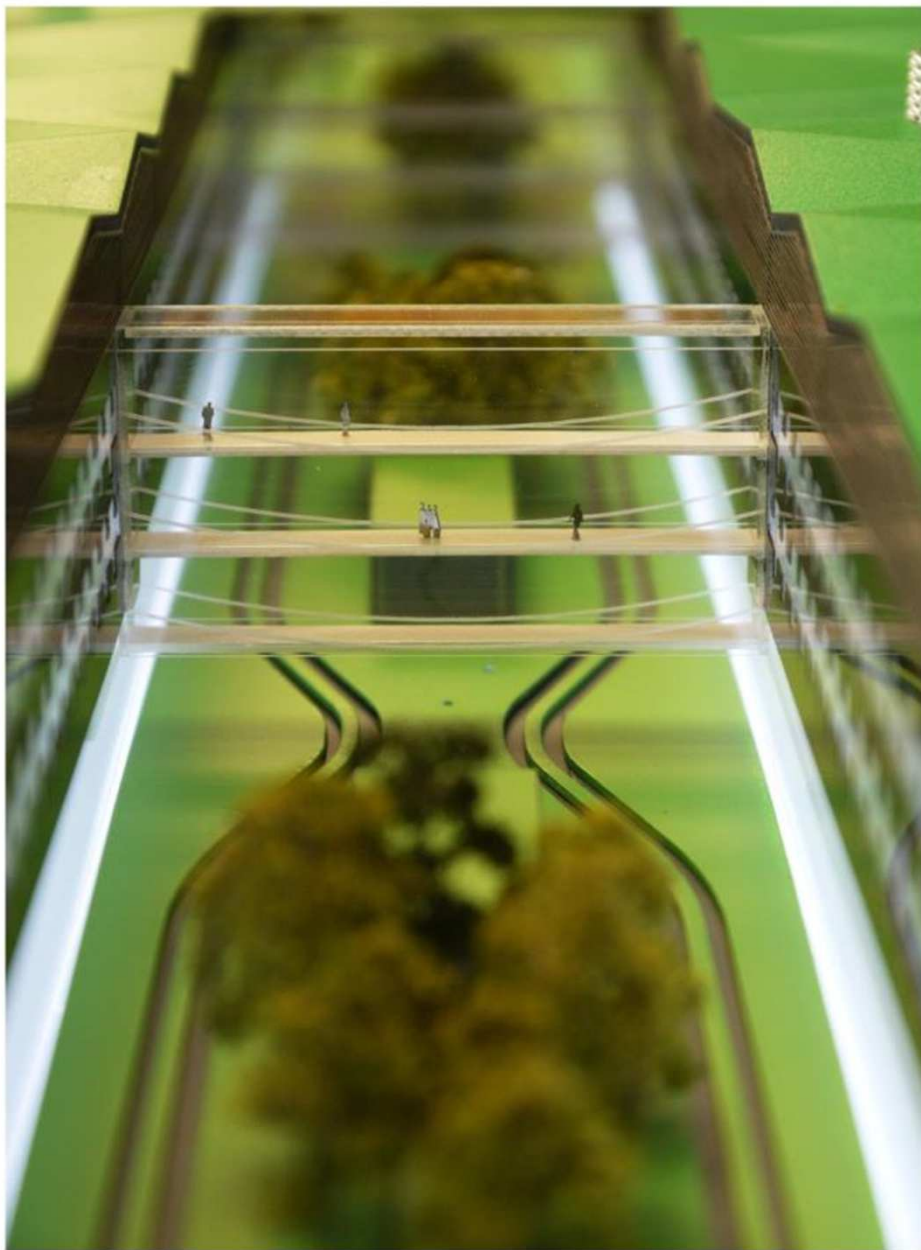


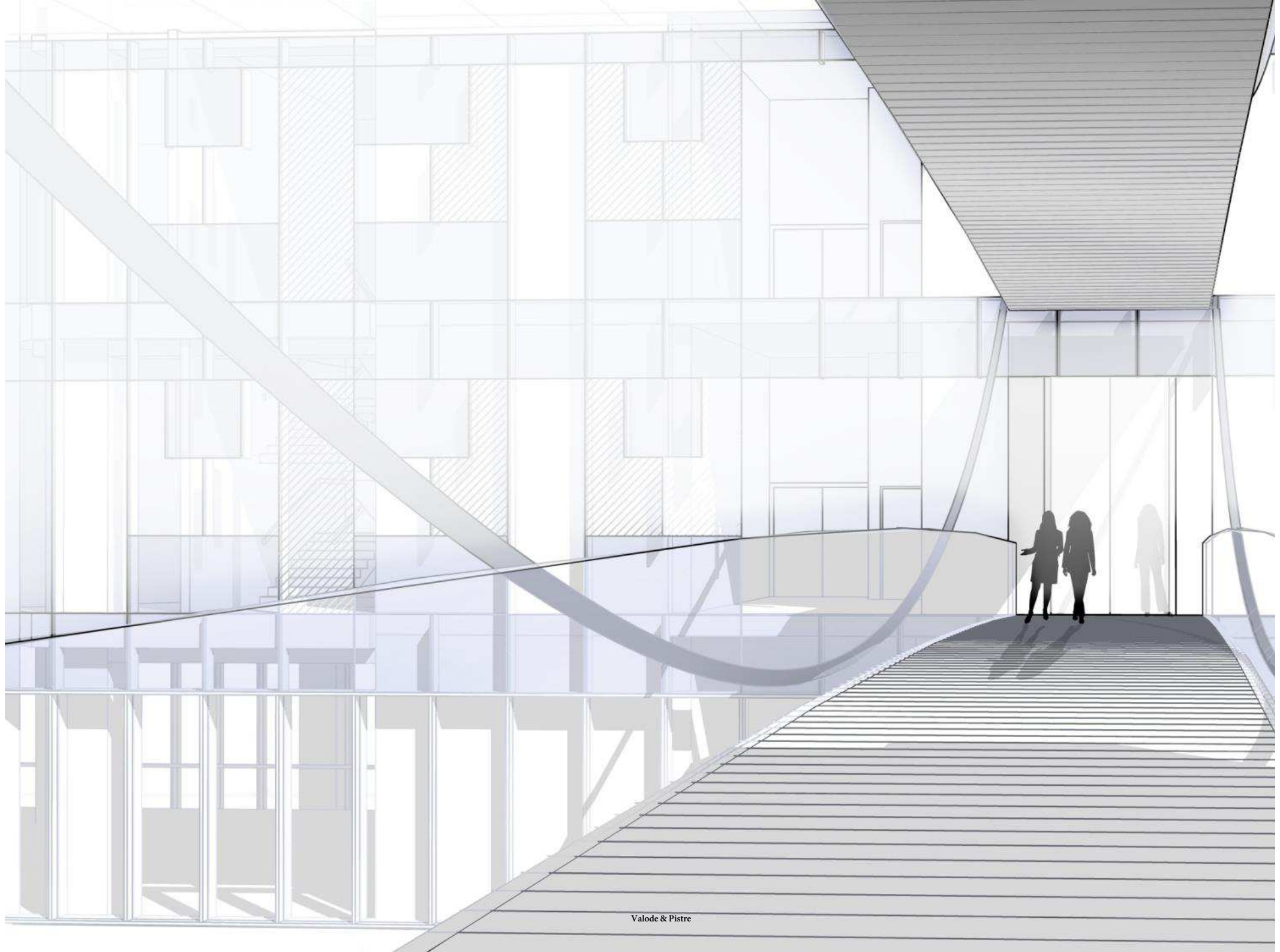


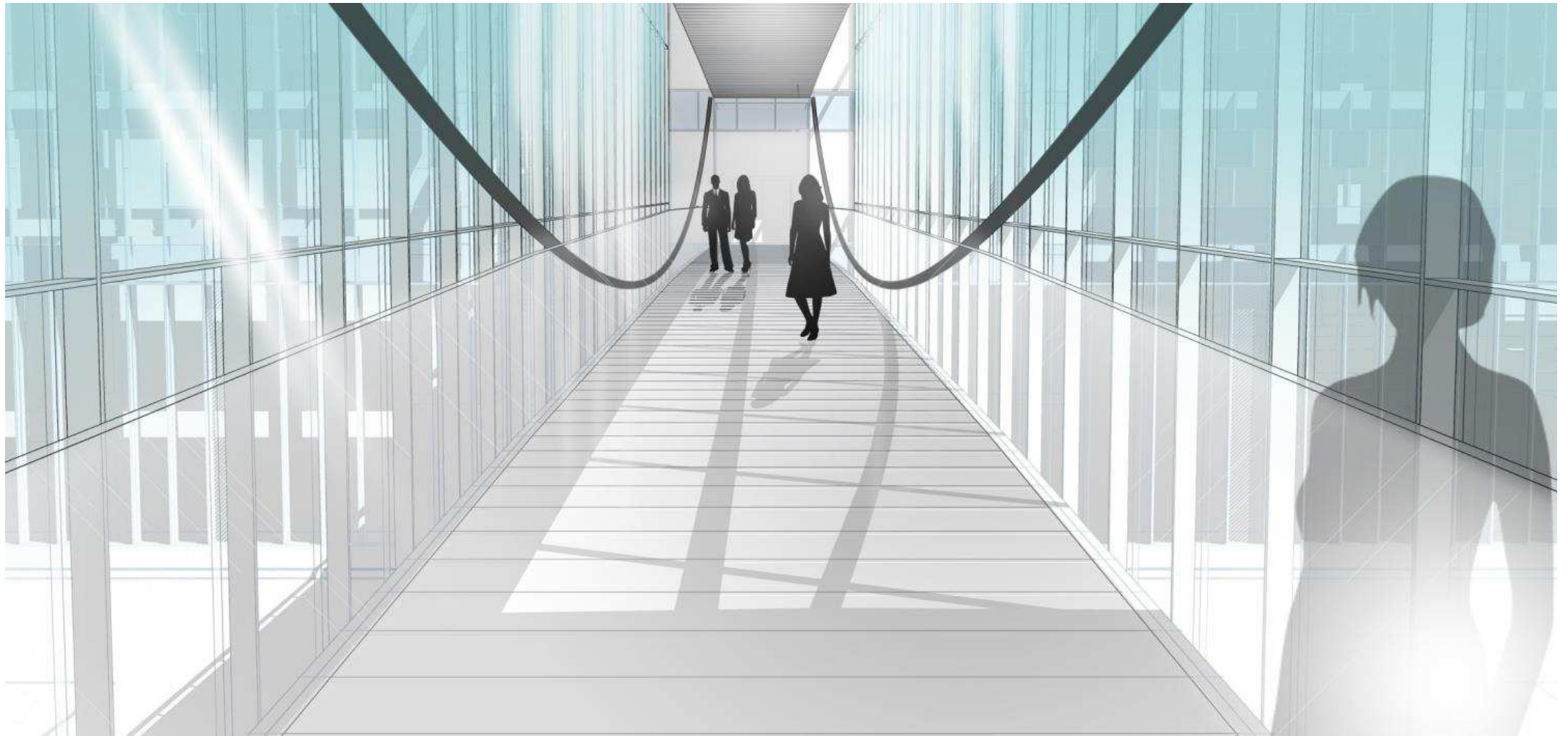














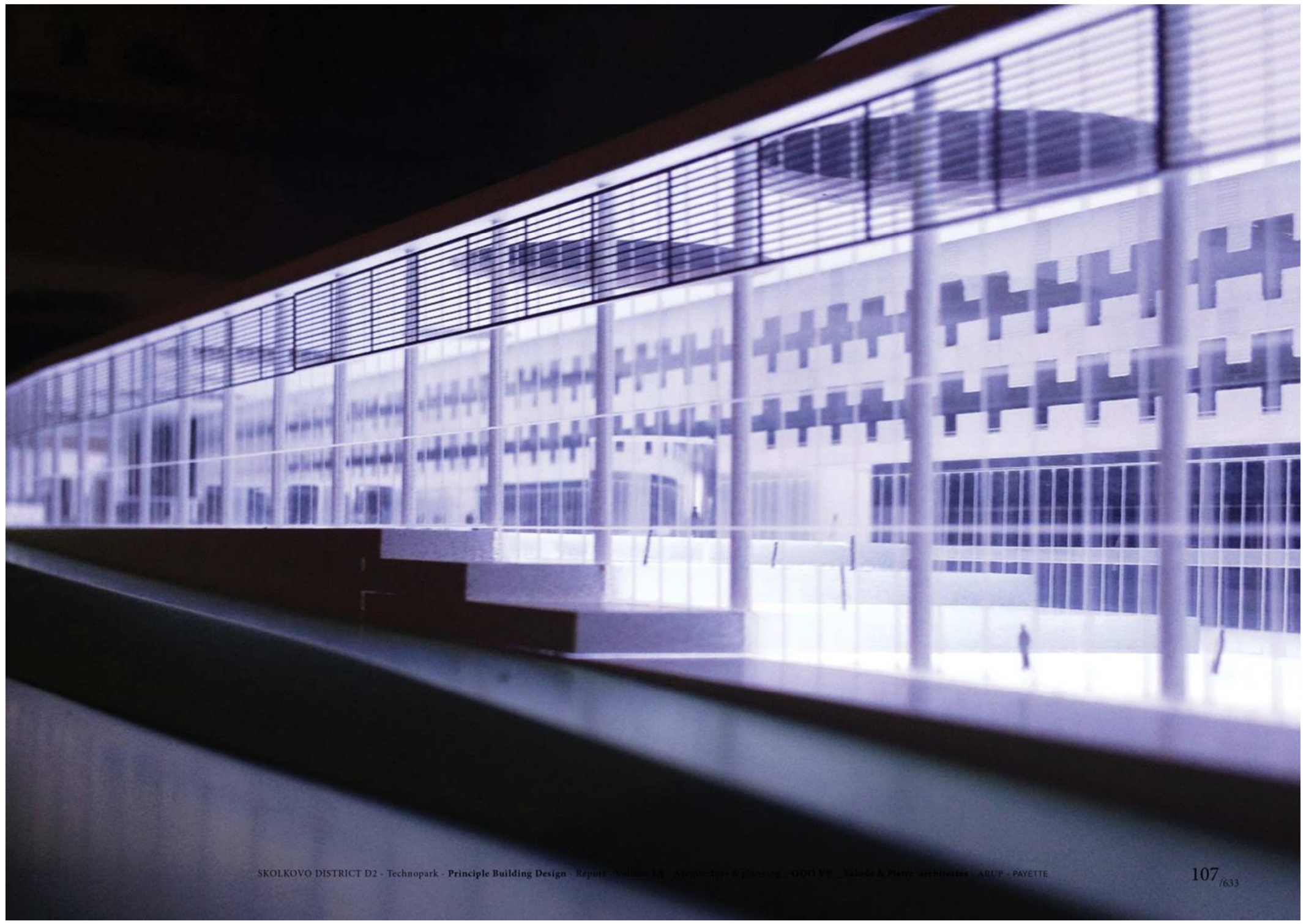


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TYPICAL FACADE MODULE GALLERY

