

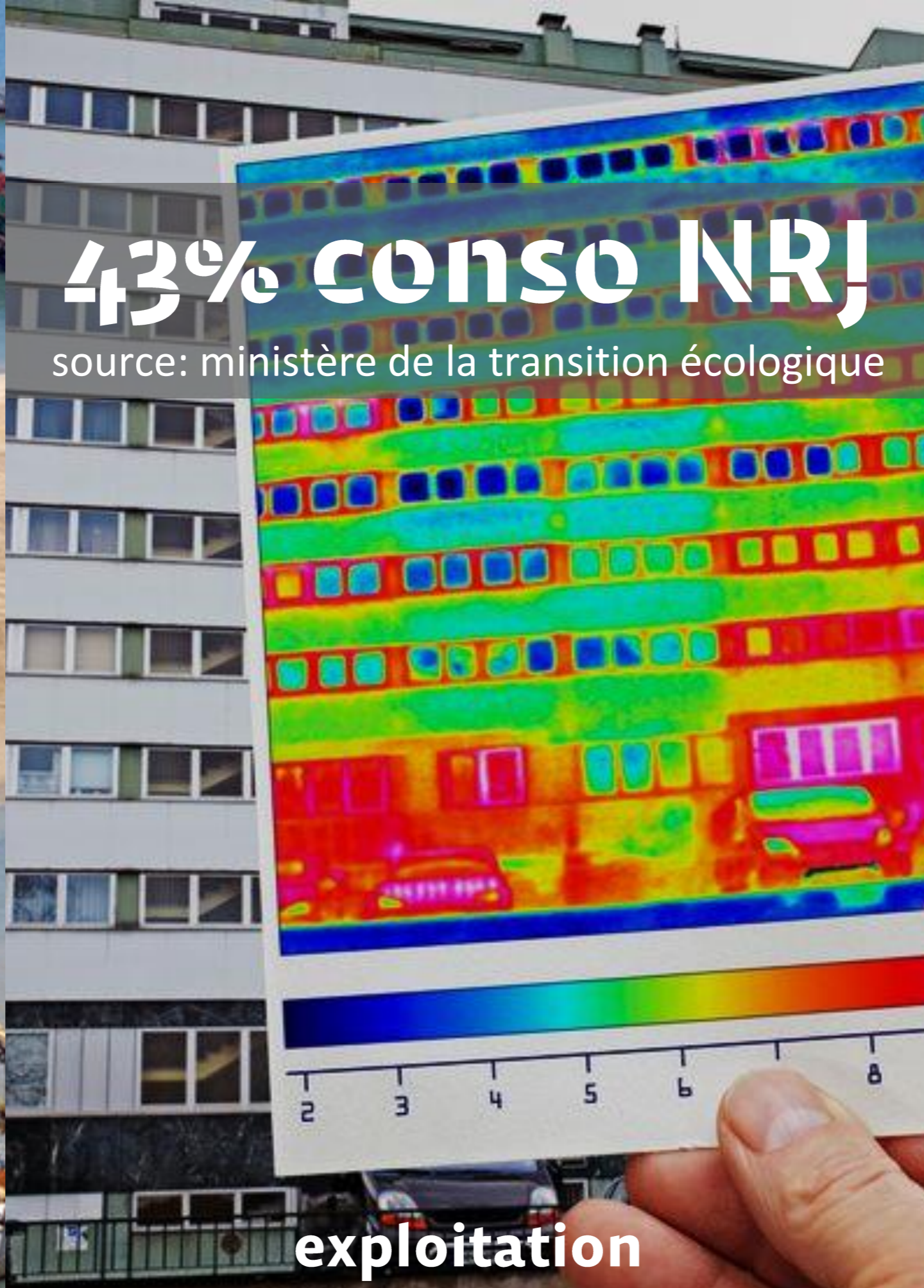


ARCHITECTURES ENVIRONNEMENTALES

ARCHIPENTE



réalisation



43% conso NRJ

source: ministère de la transition écologique

exploitation



déconstruction

ARCHIPENTE

ARCHIPENTE

Elaborer un projet architectural de qualité,
orienté sur le respect de l'environnement
et un développement soutenable

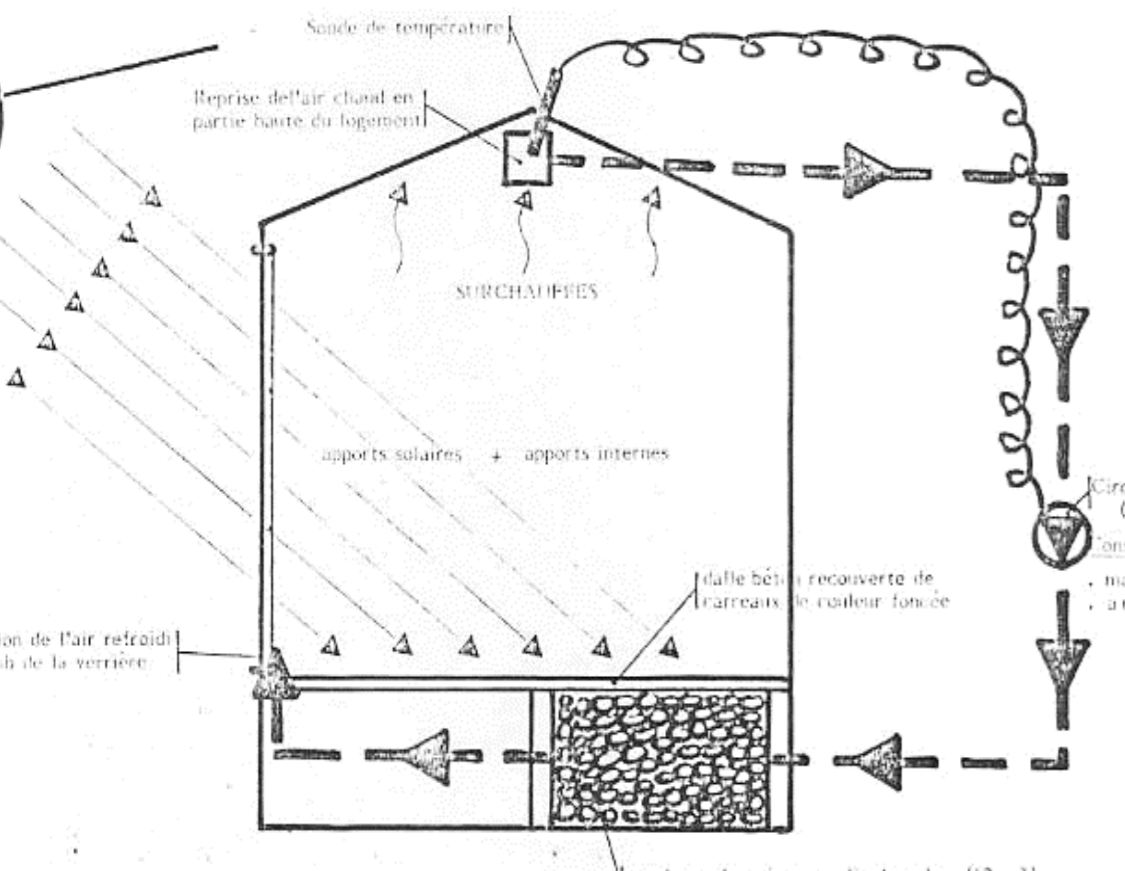


An aerial photograph of a vast, dense tropical forest. The trees are a mix of vibrant green and some brownish-green, suggesting a diverse ecosystem. The forest extends to the horizon under a sky filled with large, white and grey clouds. The overall scene is bright and natural.

ZEC

zéro émission carbone

ARCHIPENTE



Maison H2E85

Montbrison (42) - 1982



ARCHIPENTE



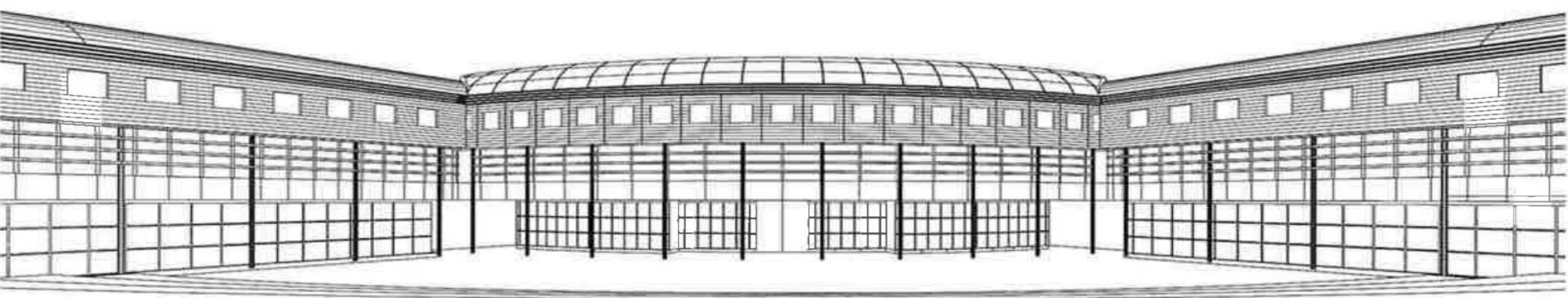
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Master Européen
Construction Bois

« Rendre aux forêts
le rôle économique
garant de leur
entretien »

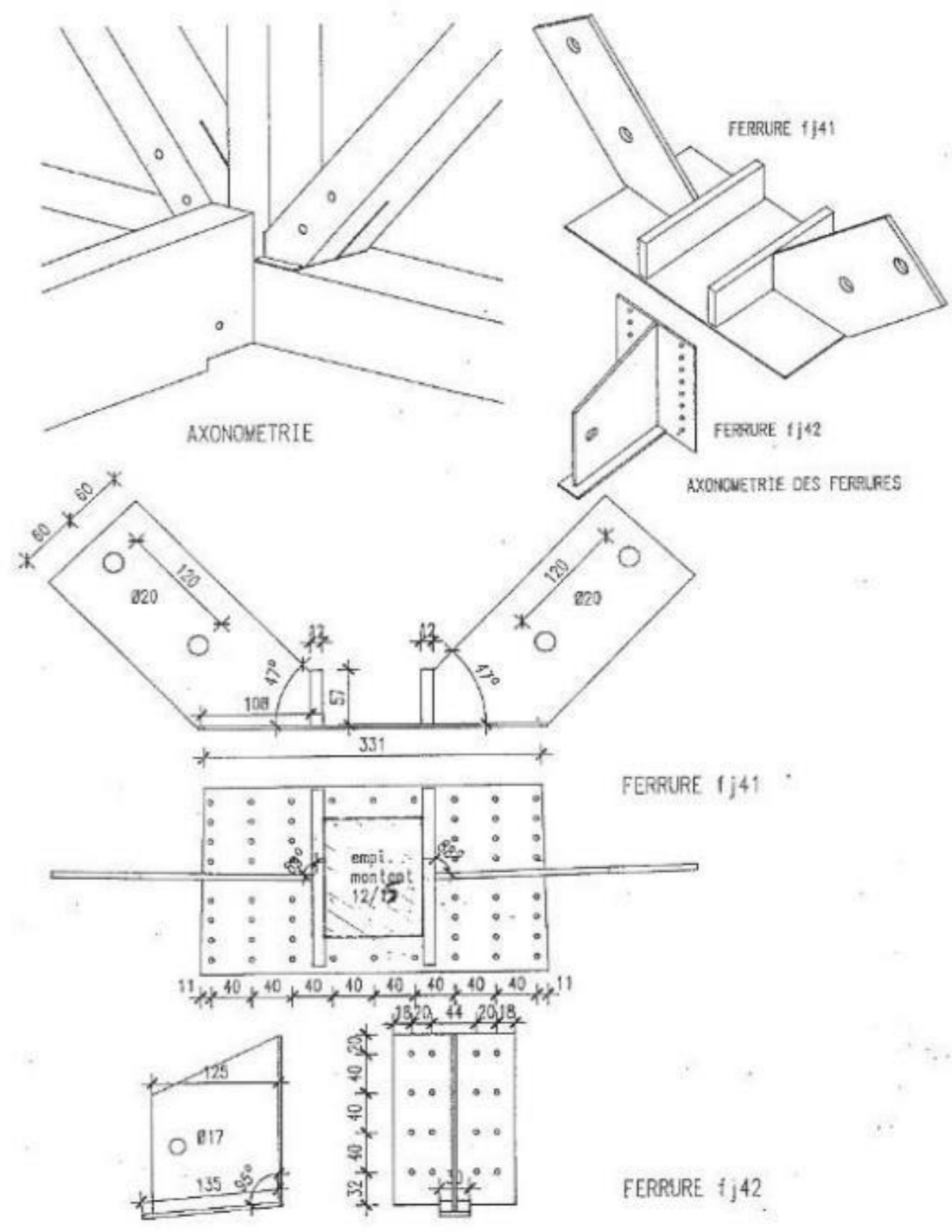
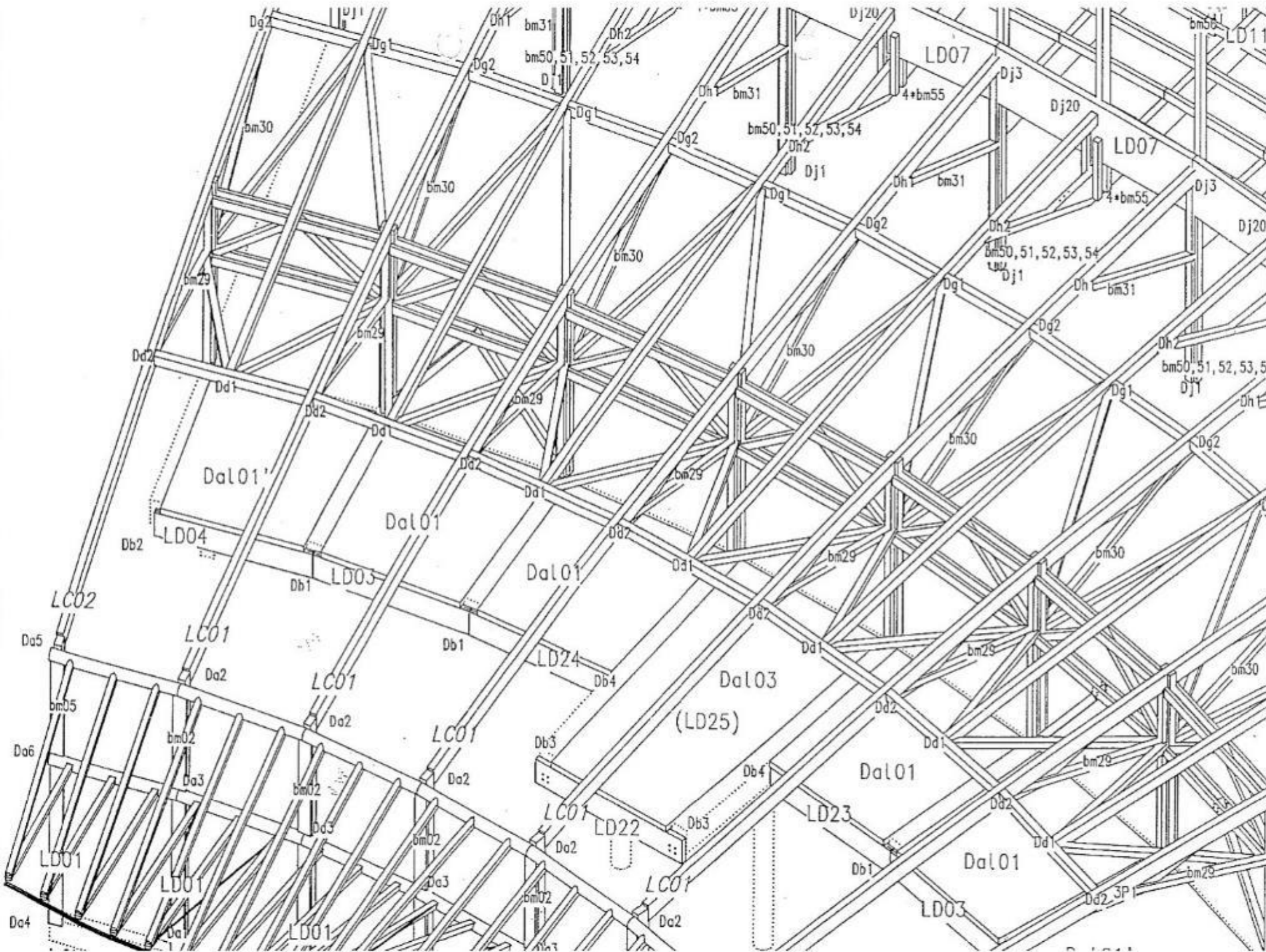
Julius NATTERER
Wolfgang WINTER

ARCHIPENTE



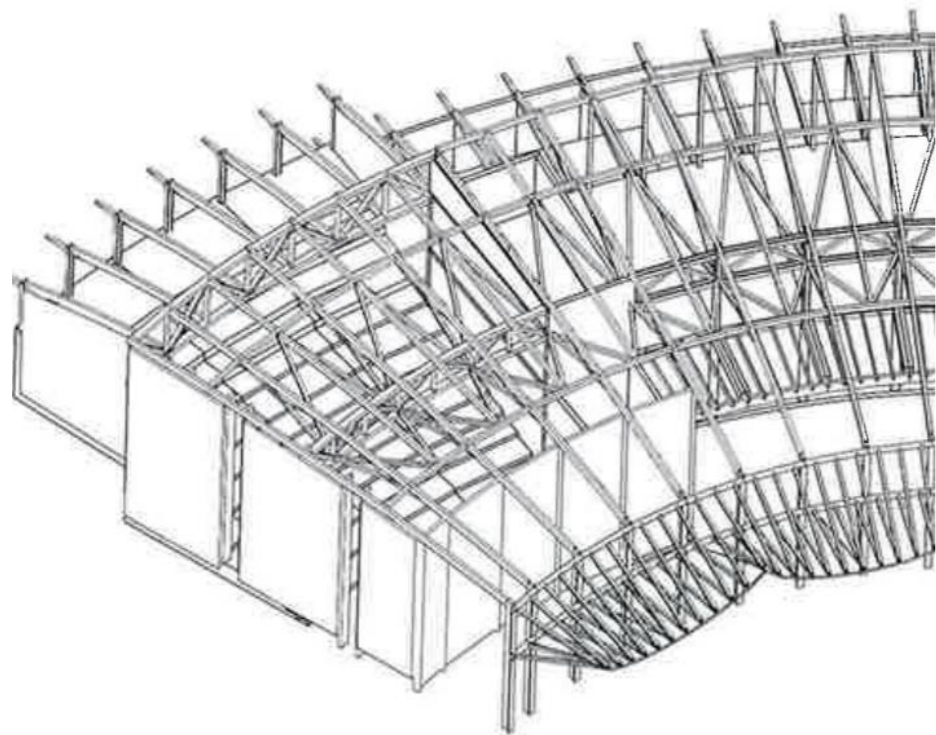
LYCÉE DE L'ALBANAIS
Rumilly (74)



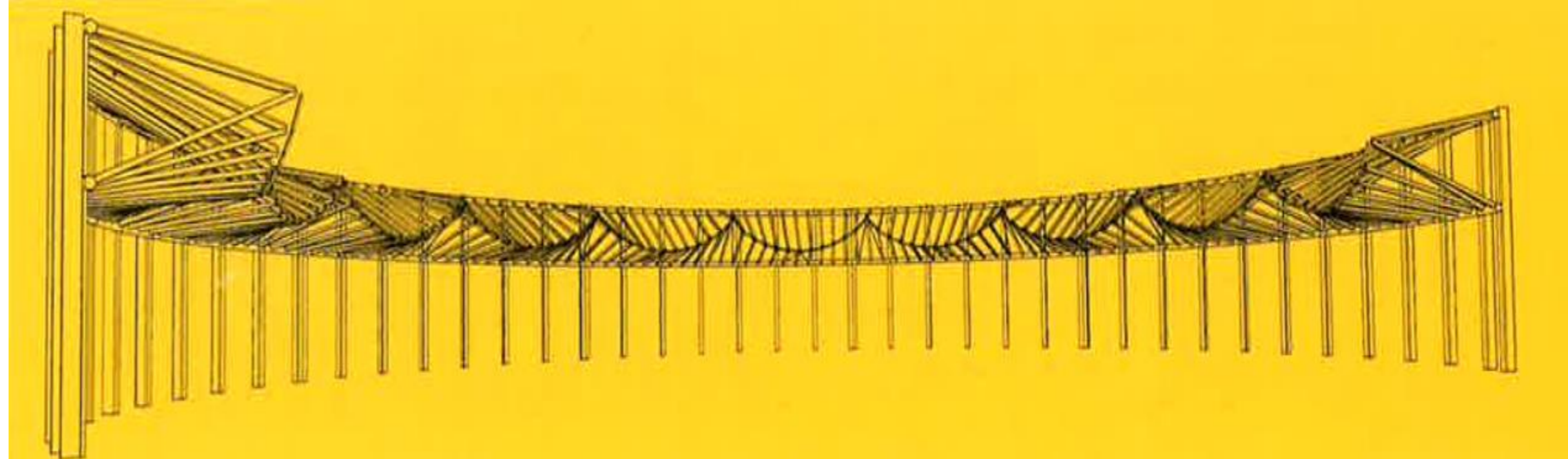
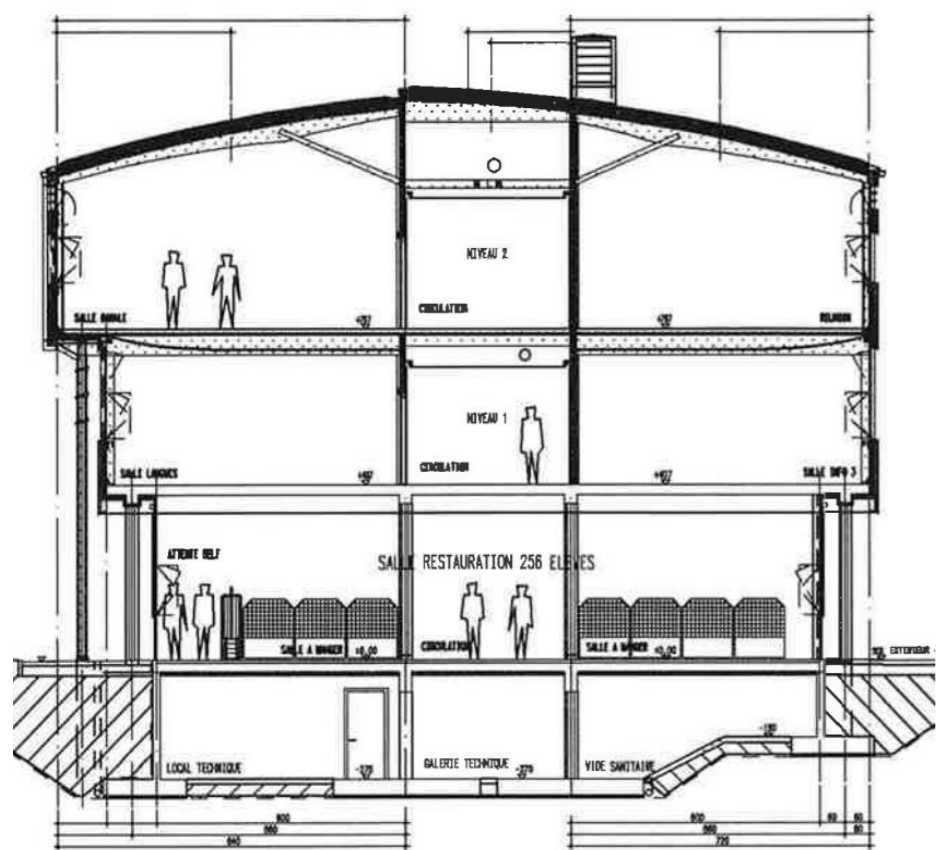


LYCEE DE L'ALBANAIS	REGION RHONE ALPES	Dossier Consultation Entreprise	Lot 4 Charpente Bois	Date: 11.03.95
archipente conception Dominique Molard	PLANETE BOIS SARL Wolfgang et Maya WINTER 100 Rue de vassoux La Glanerie 01220 Divonne les Bains Tel: 77 58 55 42 Fax: 77 58 57 56	RUMILLY COEUR Plan: j4	Ech: 1:5	dessin: J. Anglade
Dessin cas avec les diagonales				Page N° 33

ARCHIPENTE



Charpente cœur



ARCHIPENTE

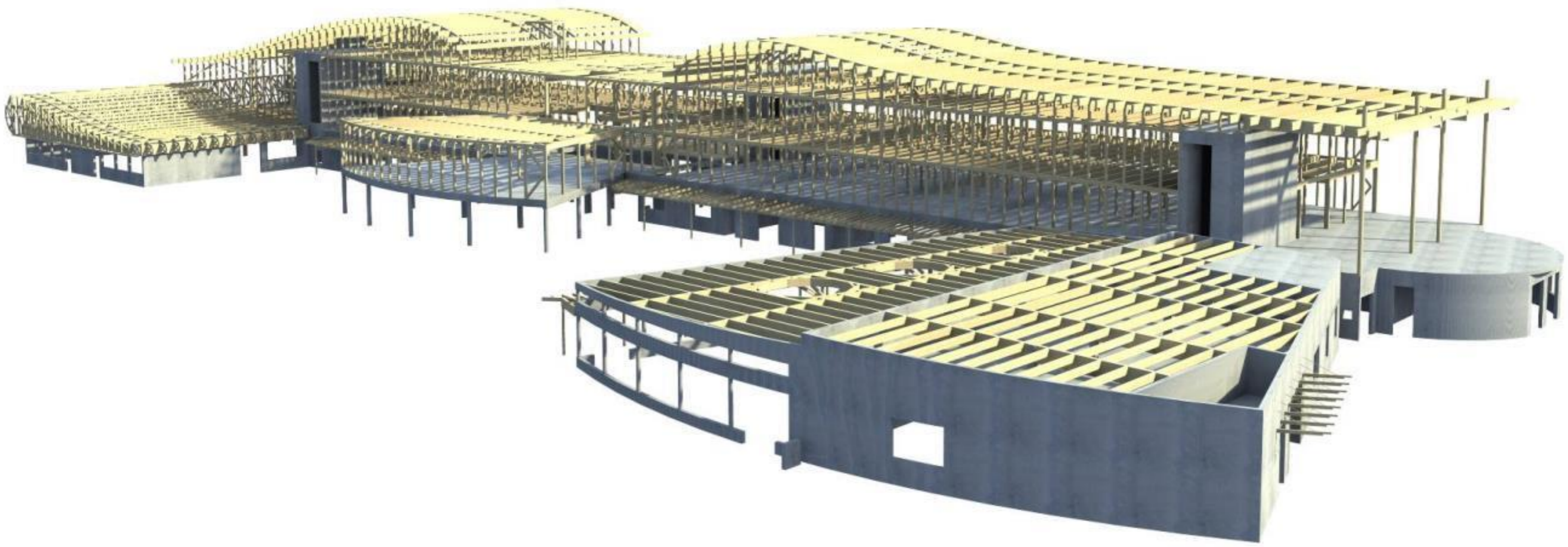


ARCHIPENTE

Collège 700
Veauche (42)



ARCHIPENTE



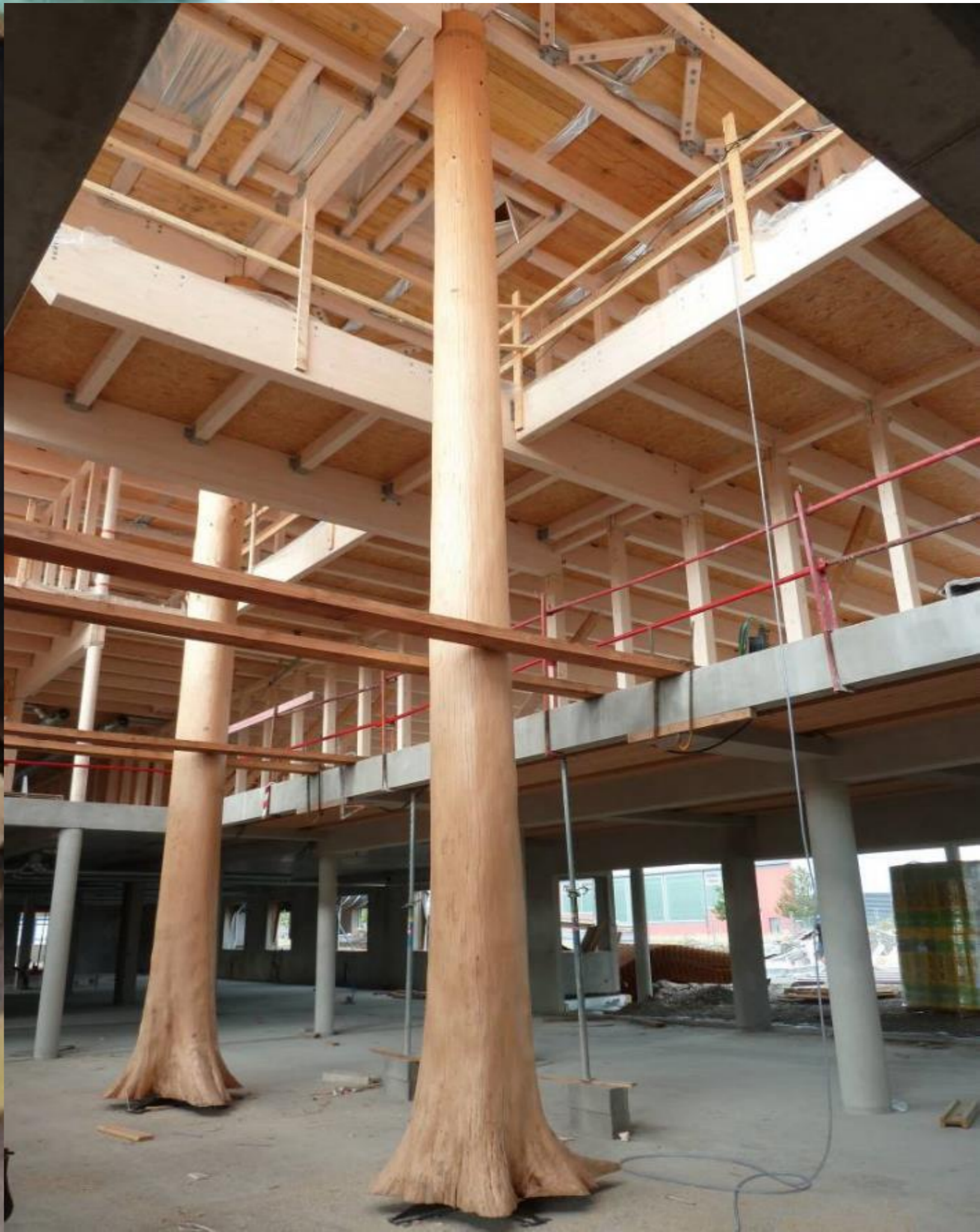
ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE





ARCHIPENTE



ARCHIPENTE

La Maison des Aînés Montbrison (42)



ARCHIPENTE



ARCHIPENTE



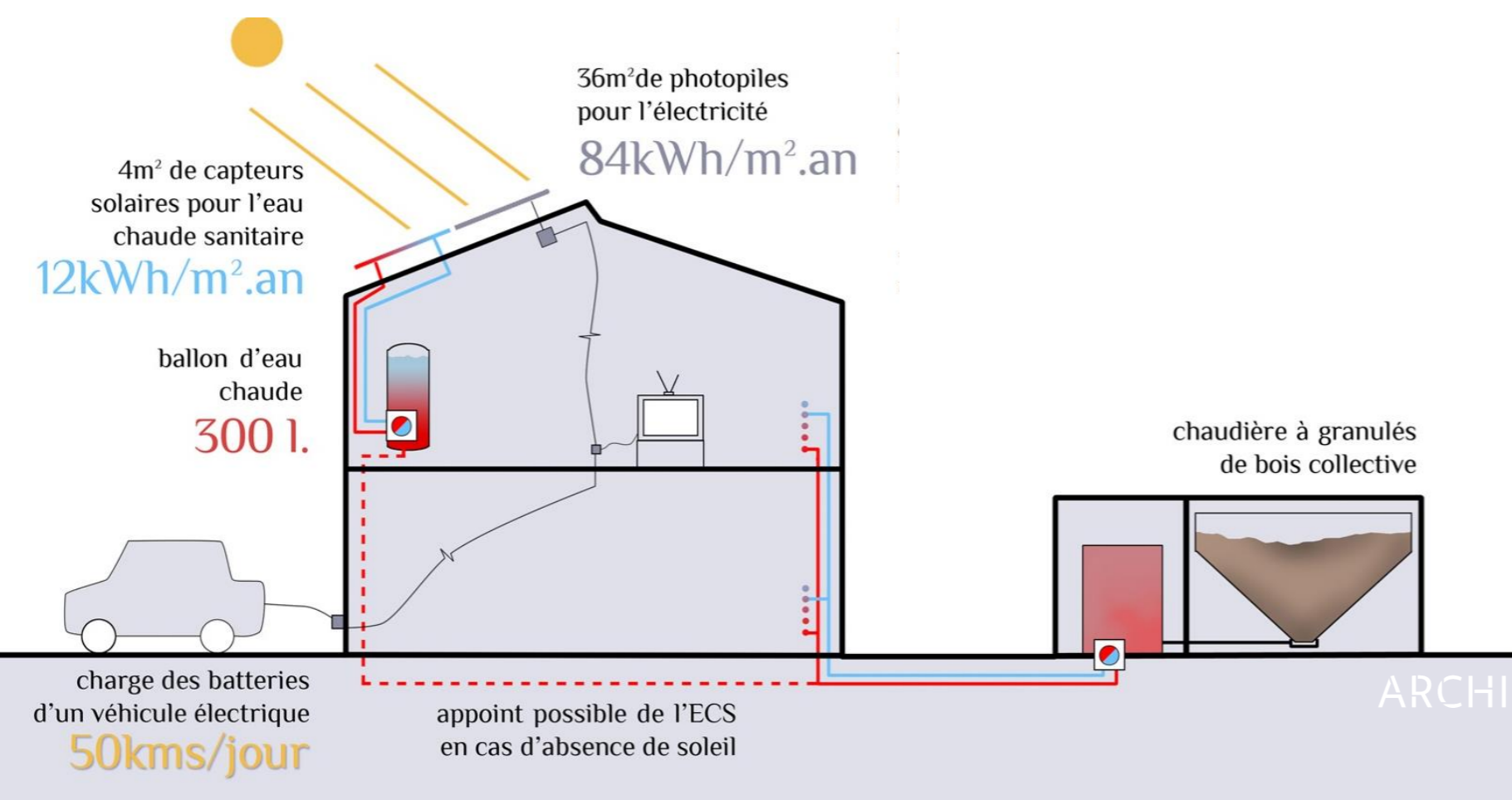
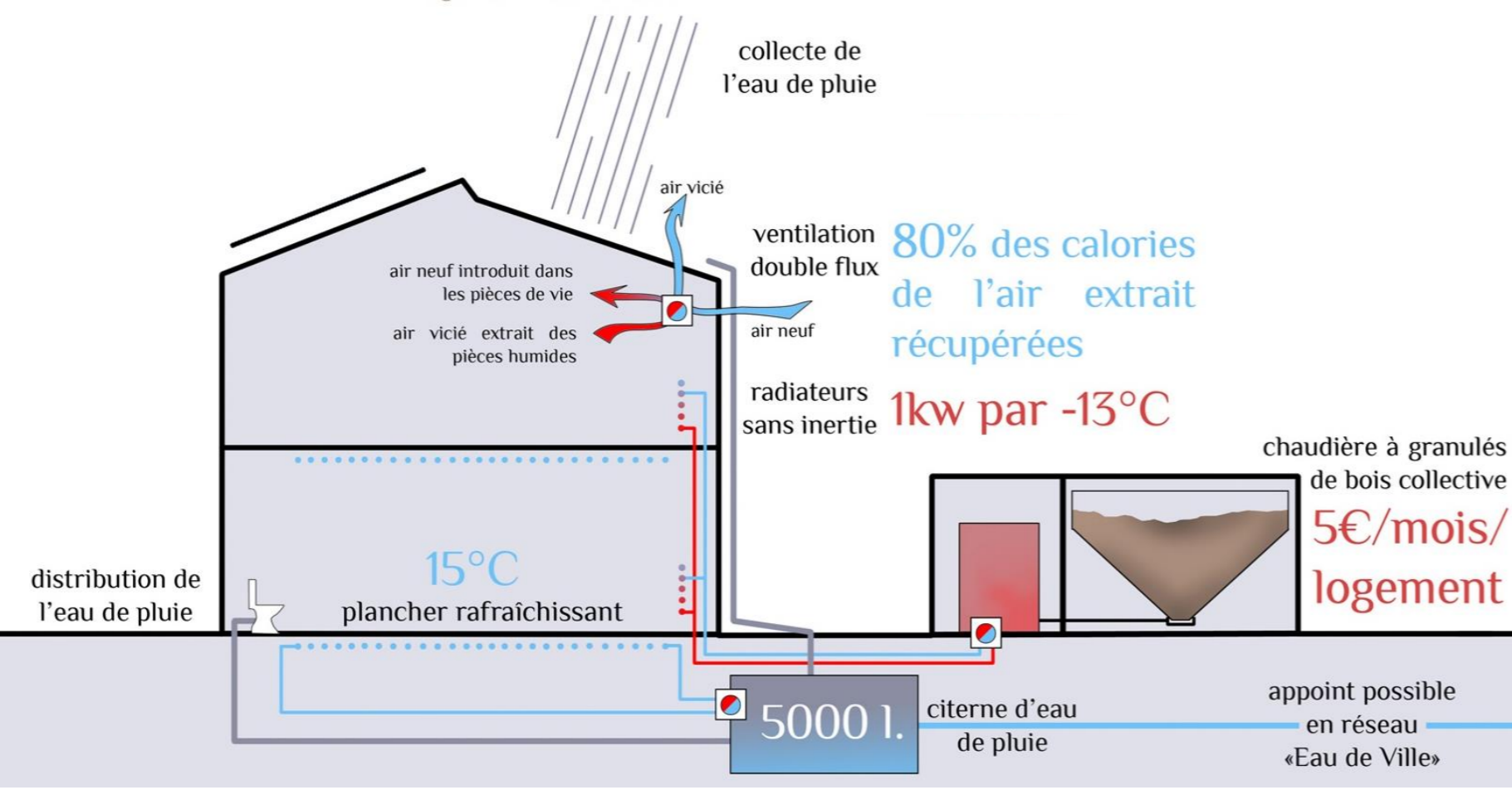
ARCHIPENTE



ARCHIPENTE



ARCHIPENTE





Maison individuelle St André d'Apchon (42)



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



Lycée JBDA
Montbrison (42)



ARCHIPENTE

**34 logements sociaux
passifs E3C2**



ARCHIPENTE

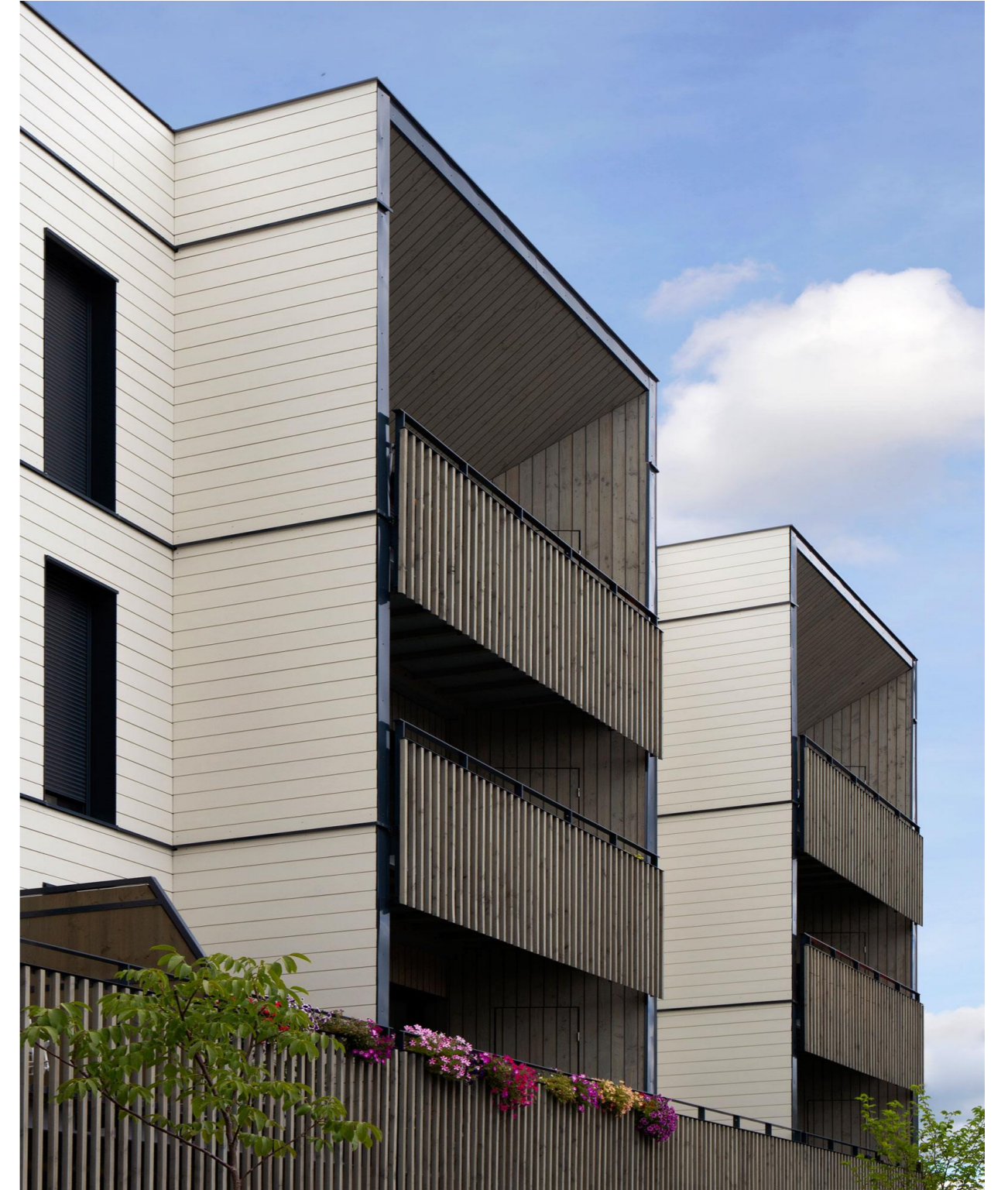
34 logements sociaux passifs E3C2



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE

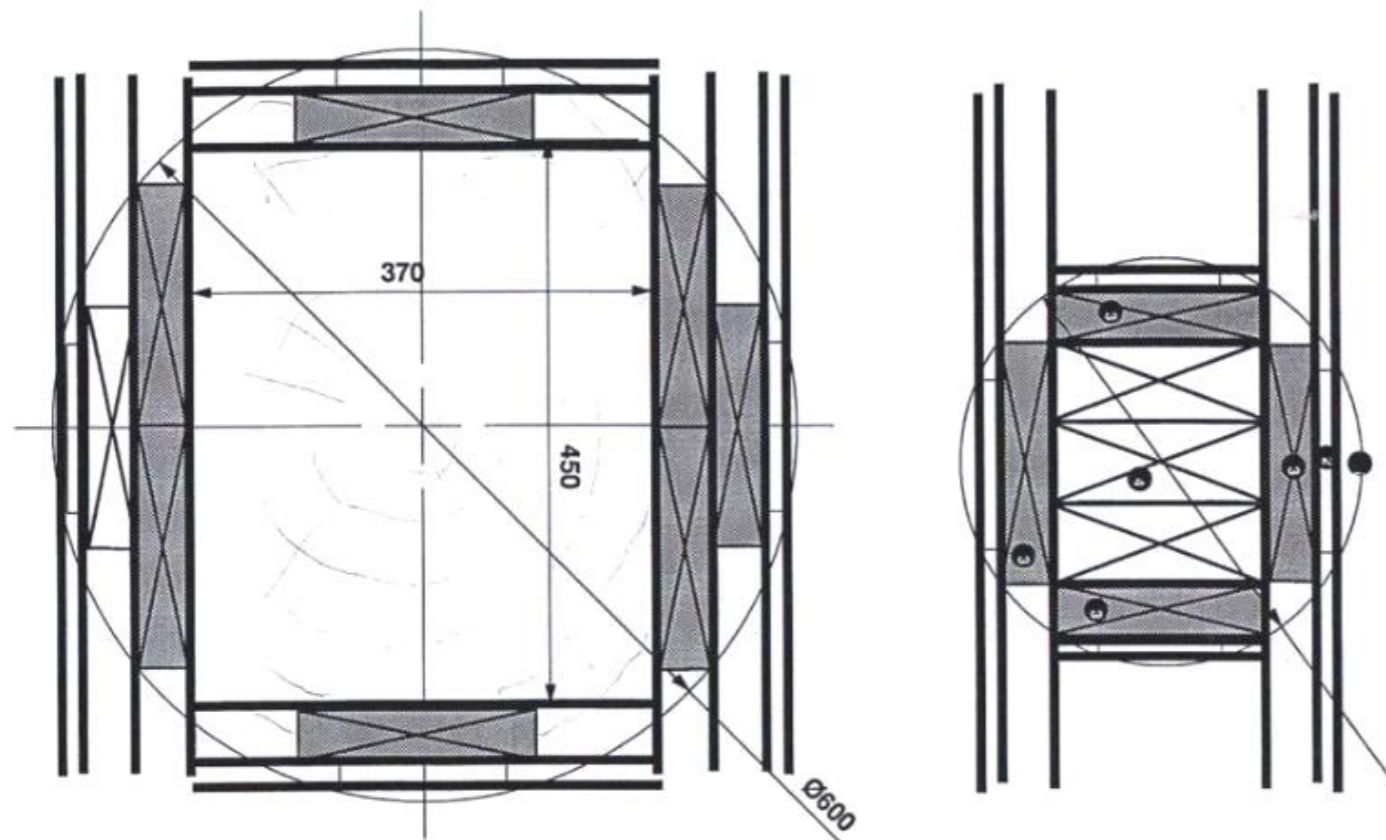


PRODUITS

ARCHIPENTE

Matière première: 1/2 bastaings de rives

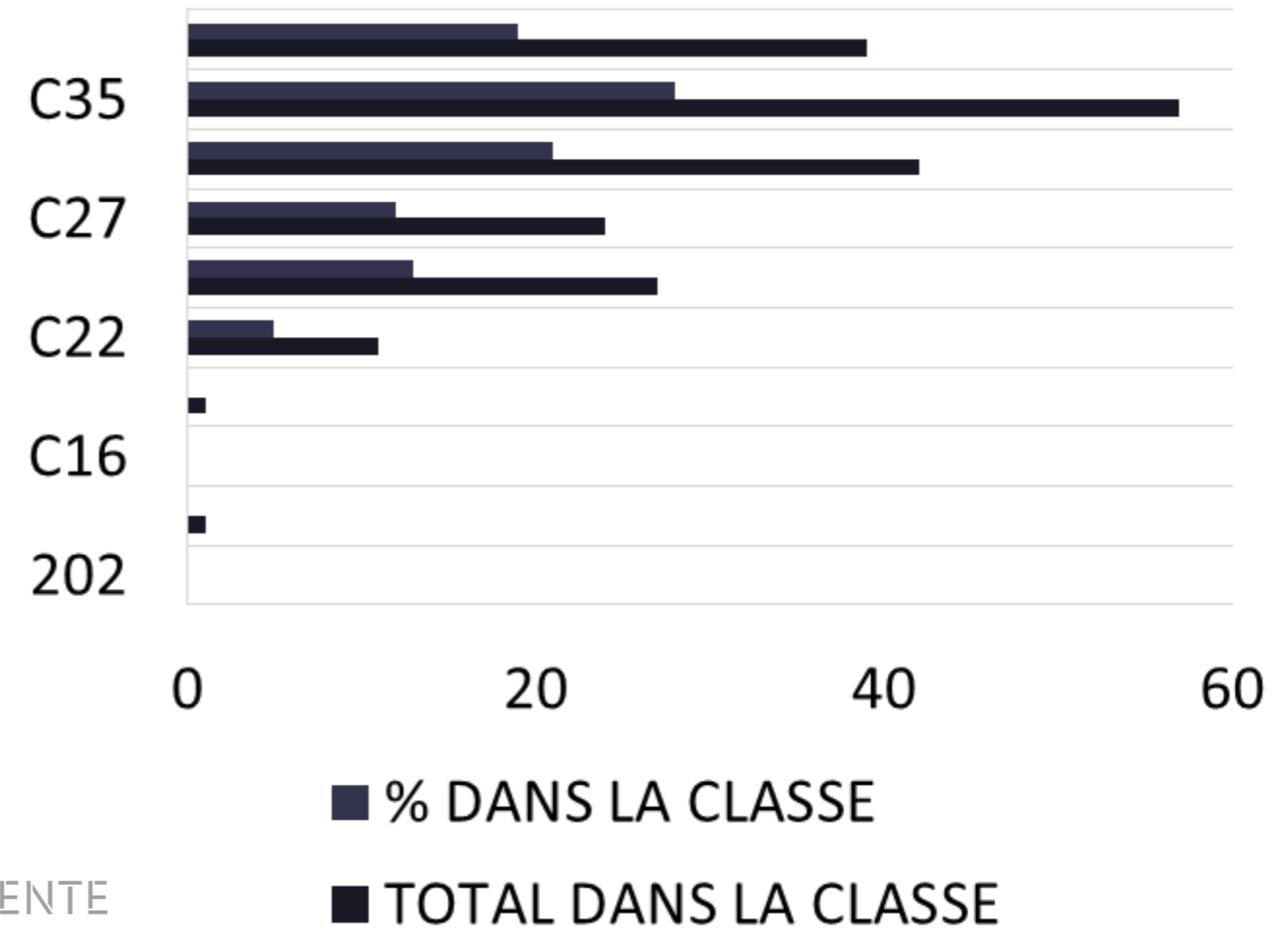
Lignadal



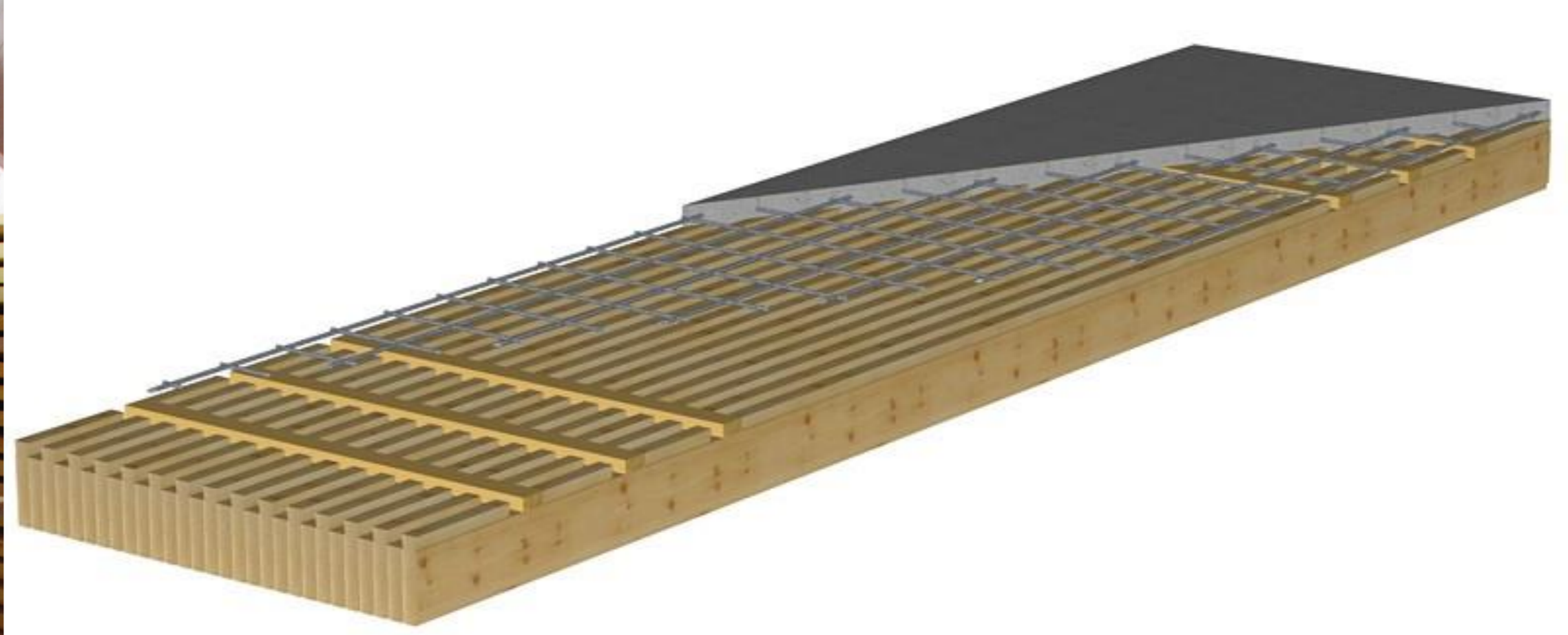
ARCHIPENTE

Demi-bastaings de rive non trié

DALLE COLLABORANTE



DALLE COLLABORANTE BOIS BETON
LIGNADAL



ARCHIPENTE



DALLE COLLABORANTE BOIS BETON LIGNADAL

Mise en oeuvre

LIGNADAL Avis Technique 3/15-793

AR



ARC



Différents Type de sous-face

Plafond massif ou Plafond combiné

DALLE COLLABORANTE BOIS BETON
LIGNADAL



Lignapli

ARCHIPENTE



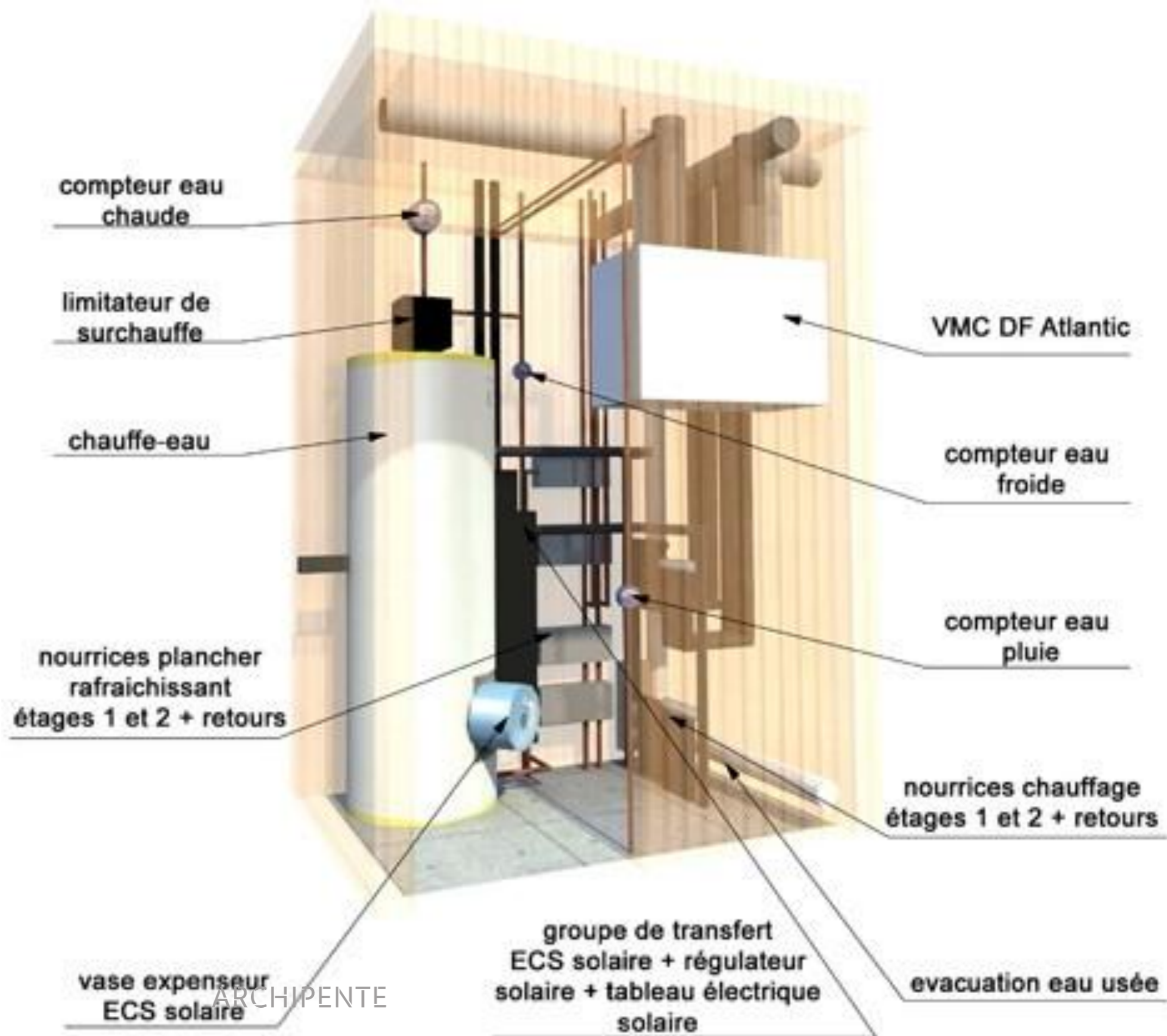
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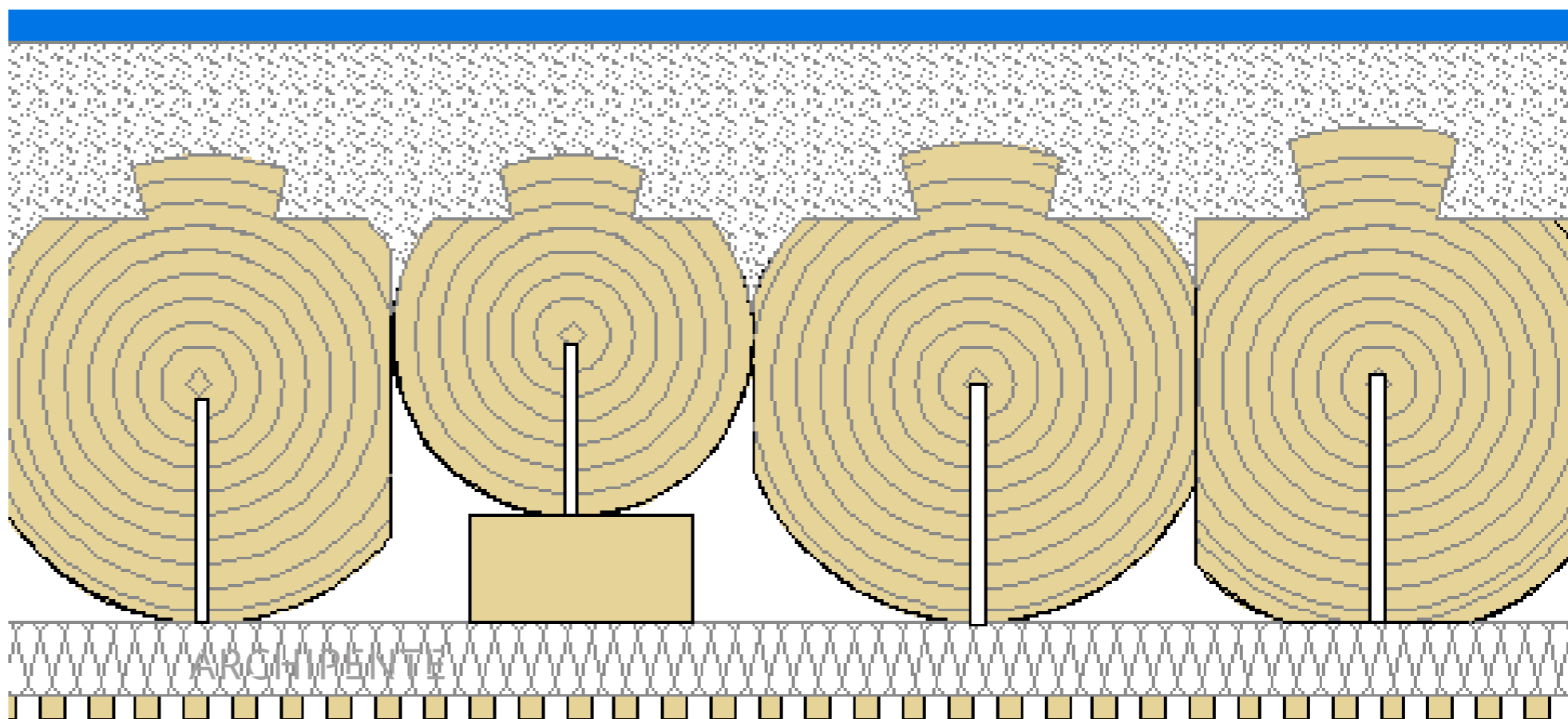
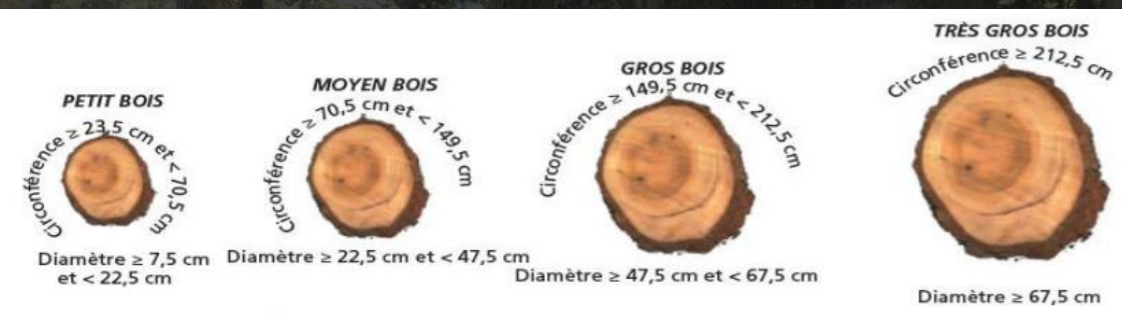


ARCHIPENTE

Lignacub



Stent



Stent Doublement de l' A47



ARCHIPENTE



ARCHIPENTE



LT - HT

Low Tech vs High Tech

ARCHIPENTE

**WoMa Fabrique de quartier
Paris XIX**



ARCHIPENTE



ARCHIPENTE



ATTENTION
GARDER
LES MAINS
ÉLOIGNÉES

↑ TOCCAR
1103 S

ARCHIPENTE





ARCHIPENTE

Open Lab

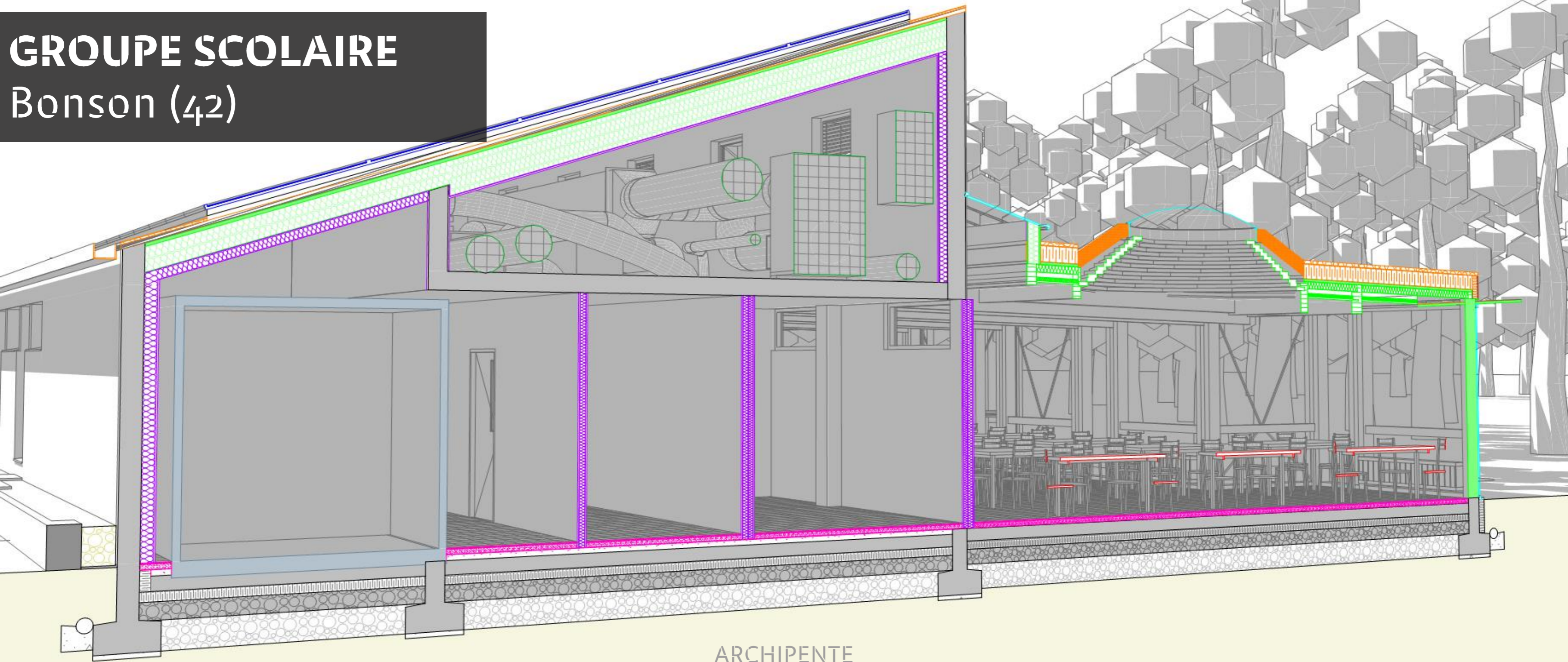


© WoMa, Fabrique de Quartier



ARCHIPENTE

GROUPE SCOLAIRE Bonson (42)



ARCHIPENTE

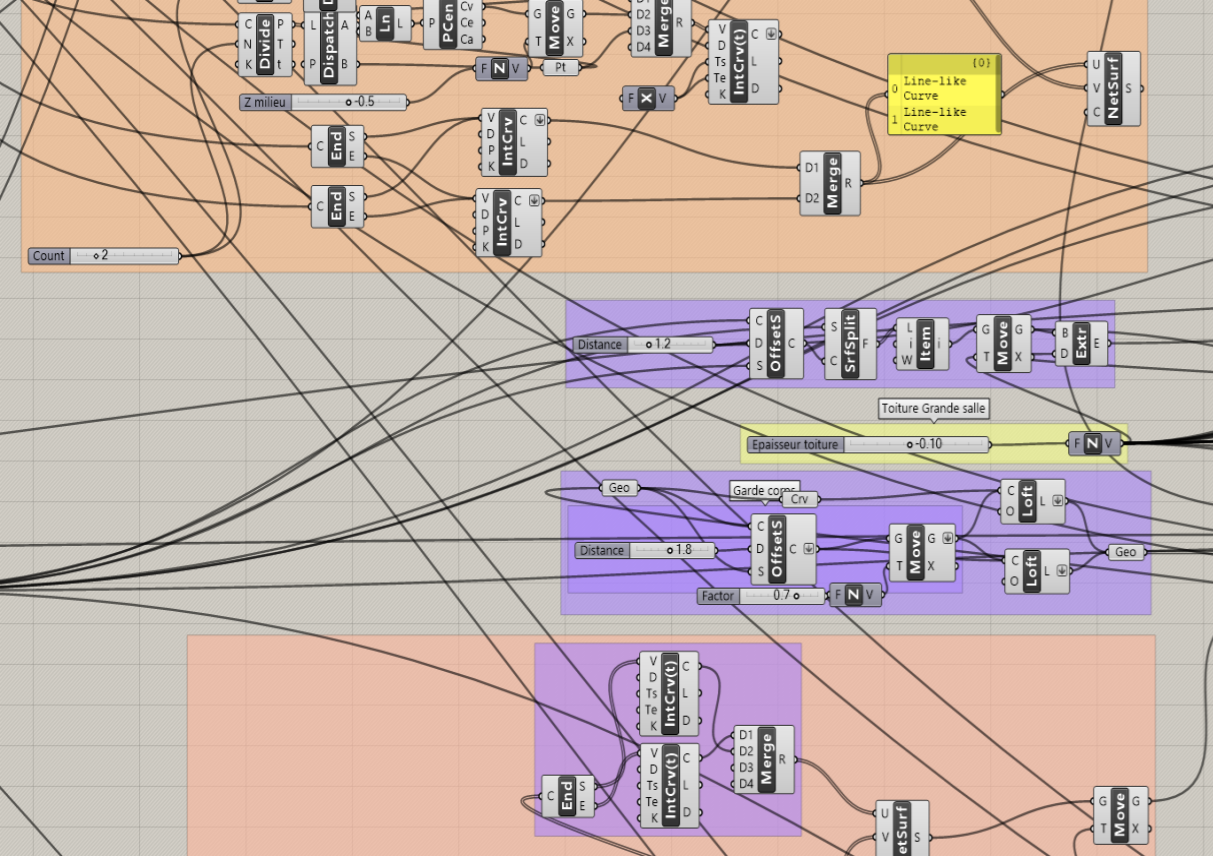


COMPLEXE SPORTIF BEPOS

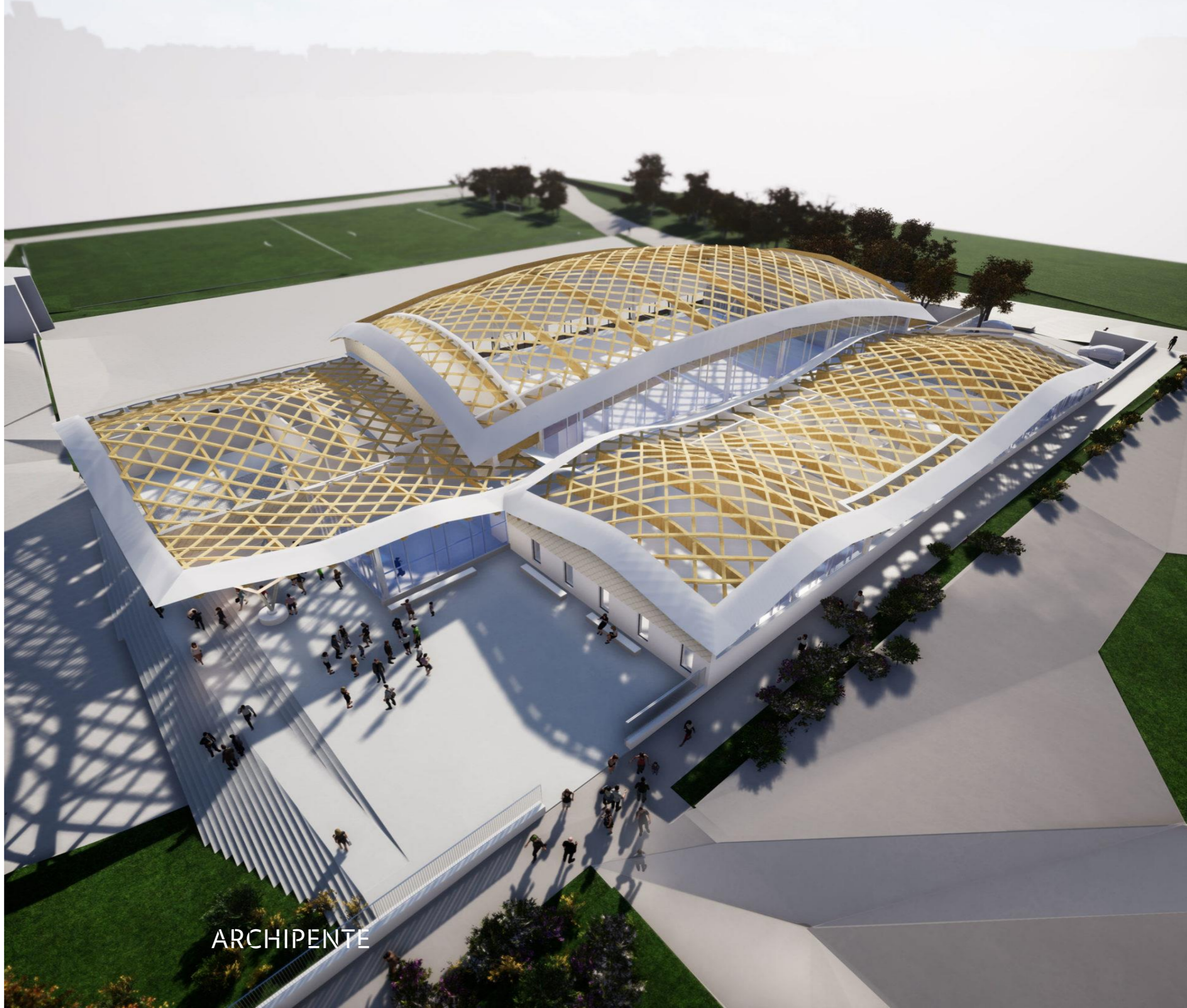
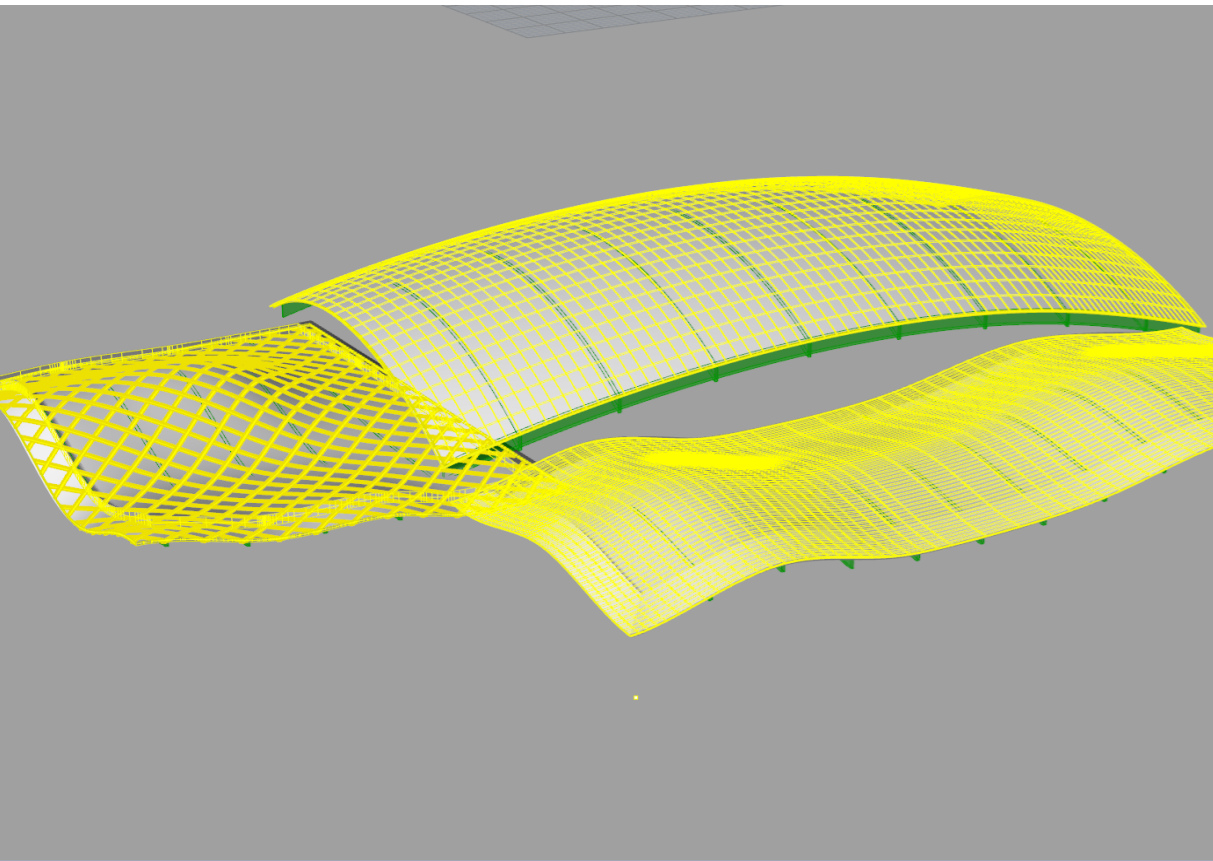
Pierre Bénite (69)



ARCHIPENTE



COMPLEXE SPORTIF Miribel (01)

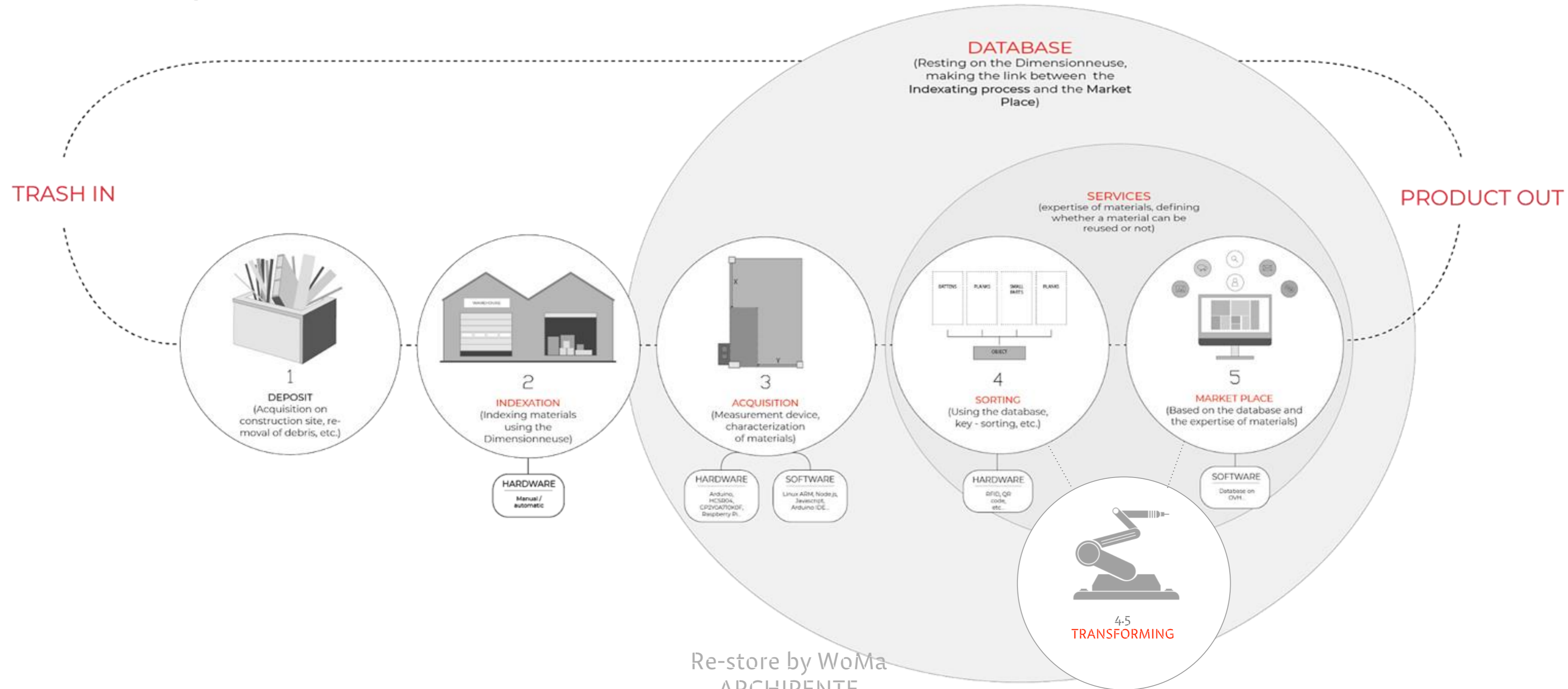


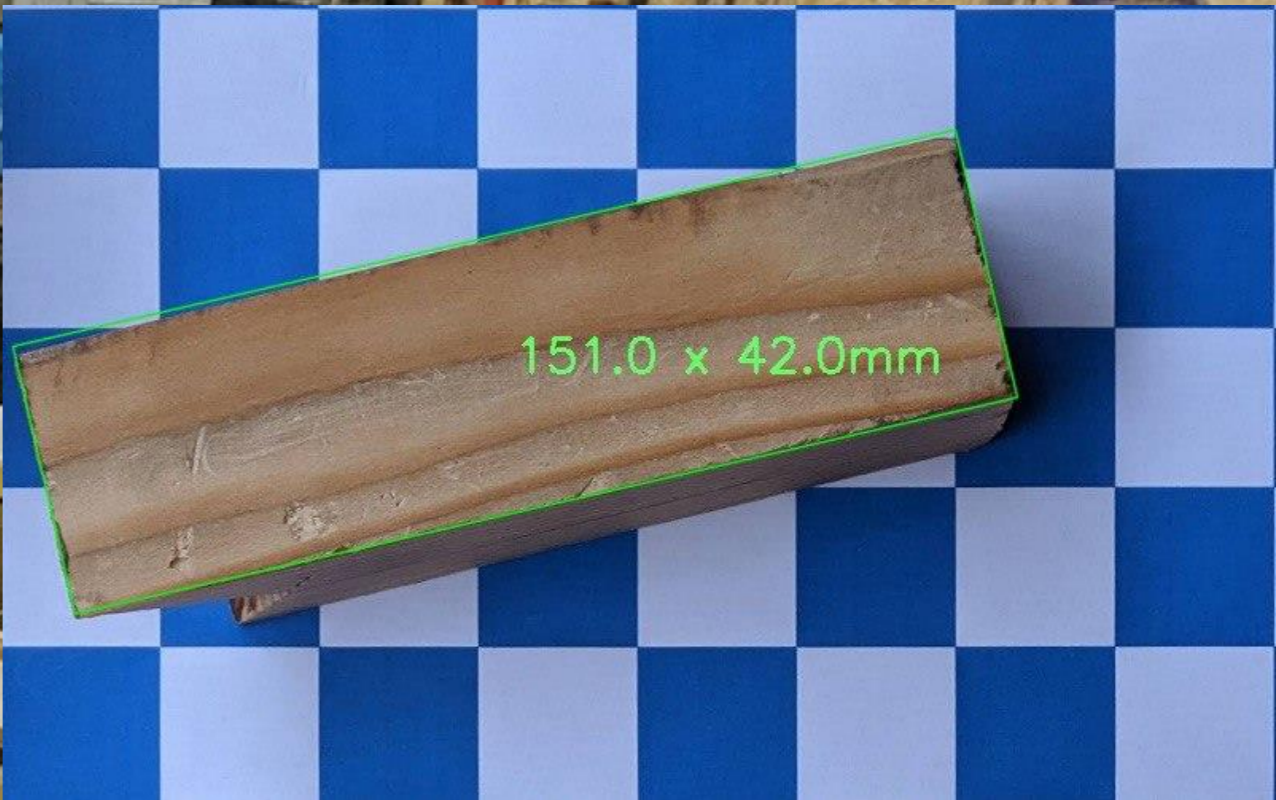
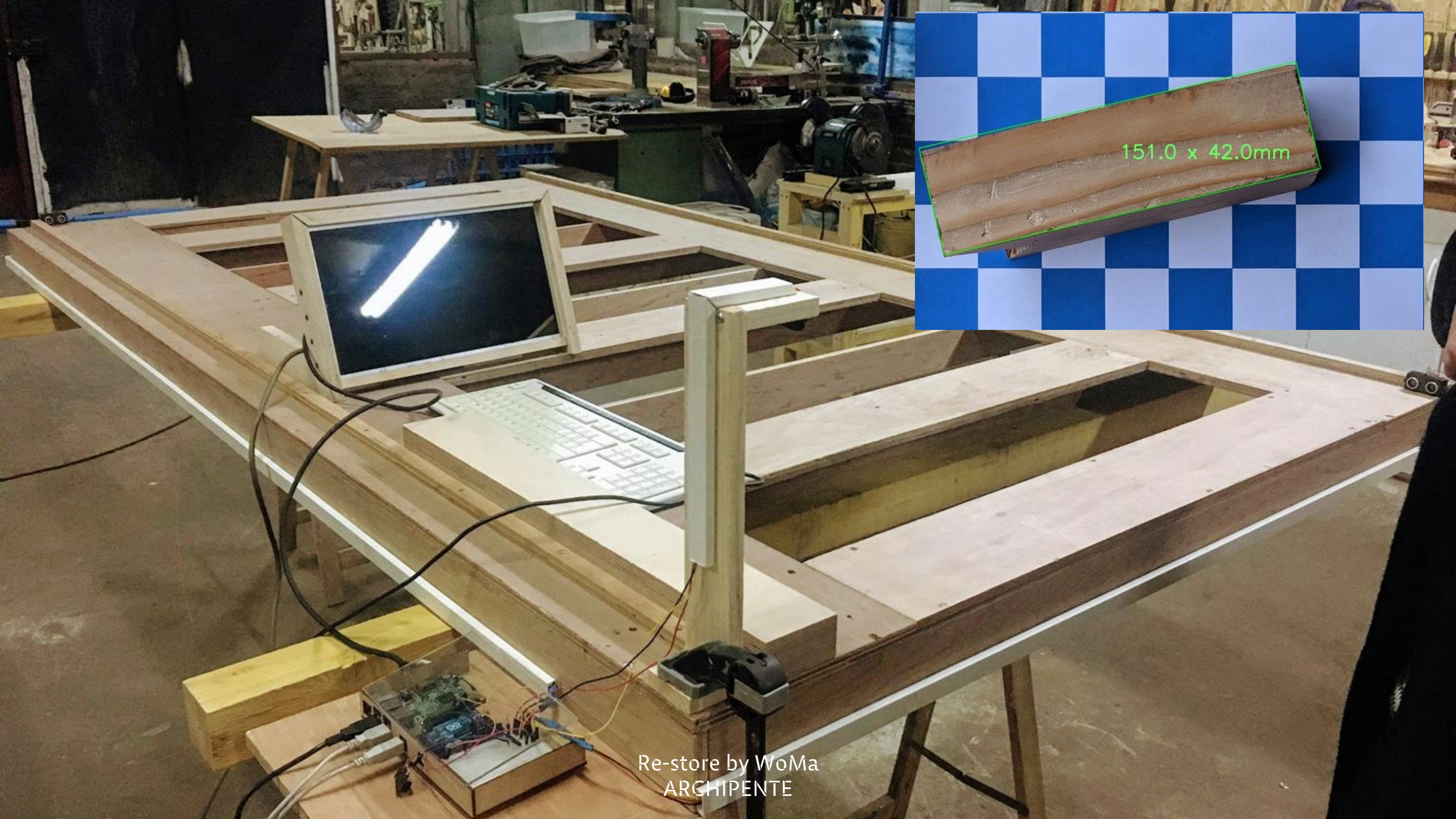
ARCHIPENTE

THE GLOBAL PROCESS

From A to Z to A

again





Re-store by WoMa
ARCHIPENTE



Hors Site

ARCHIPENTE

Tiny House 3.0 France



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



ARCHITECTE

TINY HOUSE



ARCHIPENTE

PÔLE SCIENTIFIQUE Feurs (42)



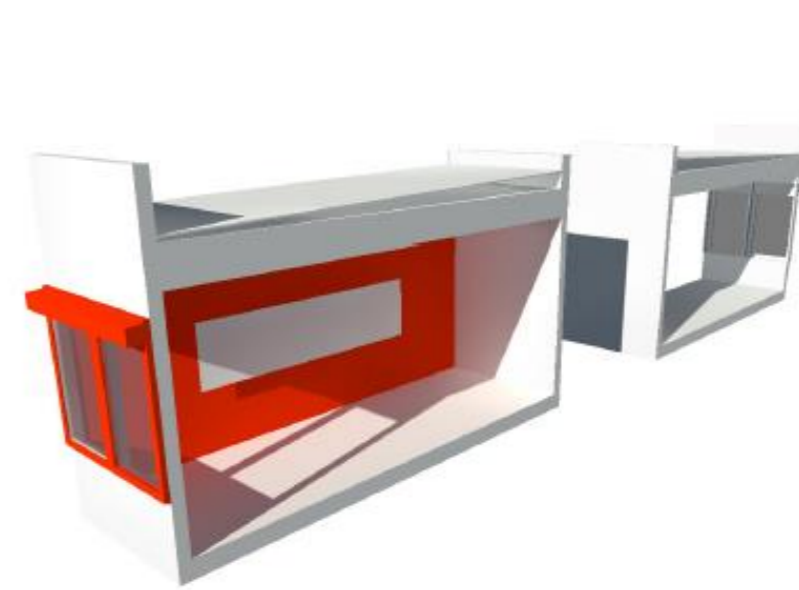
ARCHIPENTE



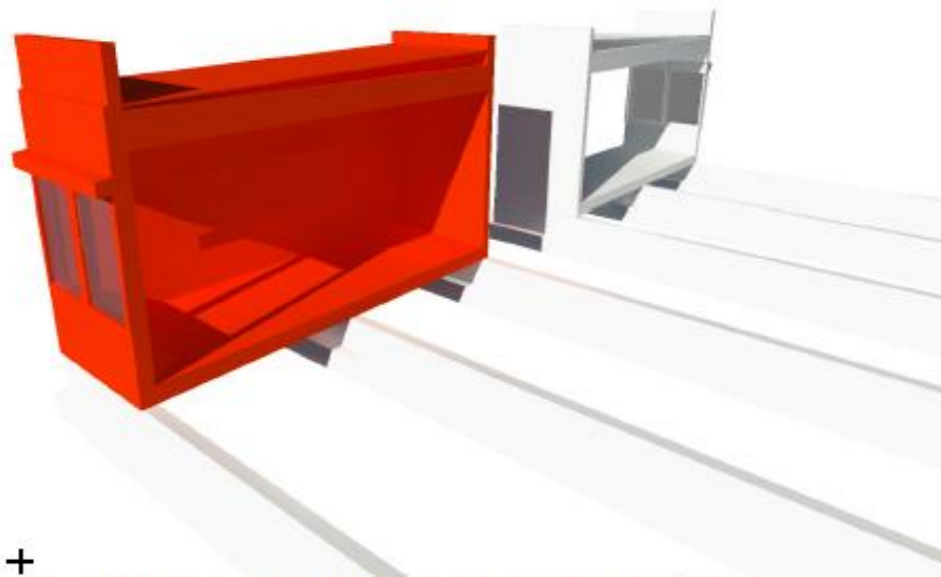
+ 1 - ATELIER: POSE STRUCTURE BOIS BEQ+BLC



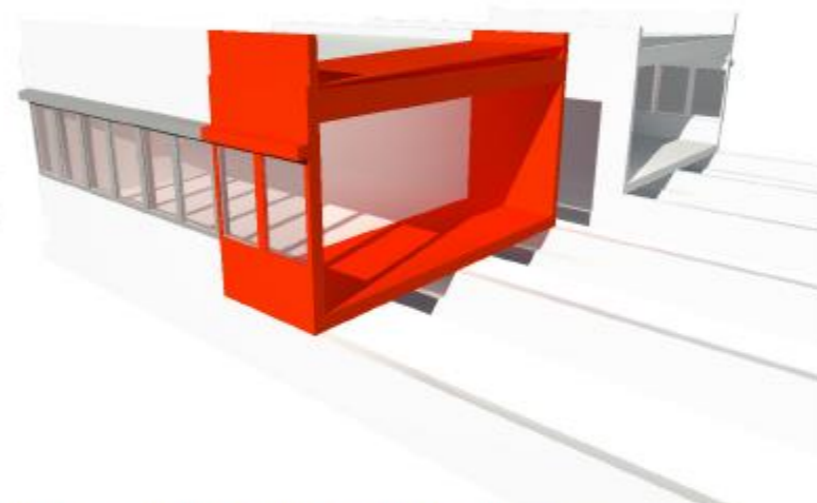
+ 2 - ATELIER: POSE PANNEAUX OSB



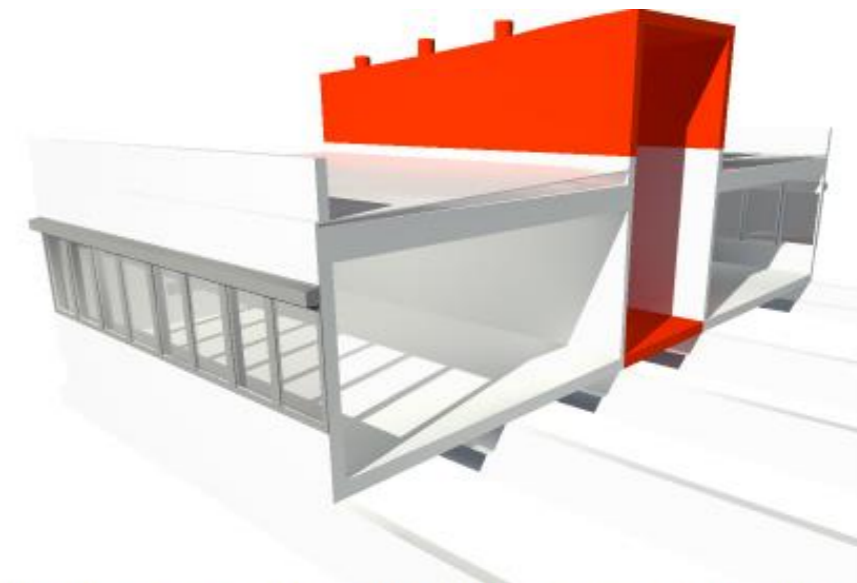
+ 3 - ATELIER: POSE MENUISERIES+ CLOISONS DE RECOUPEMENT+ FINITIONS SOLS, MURS ET PLAFOND



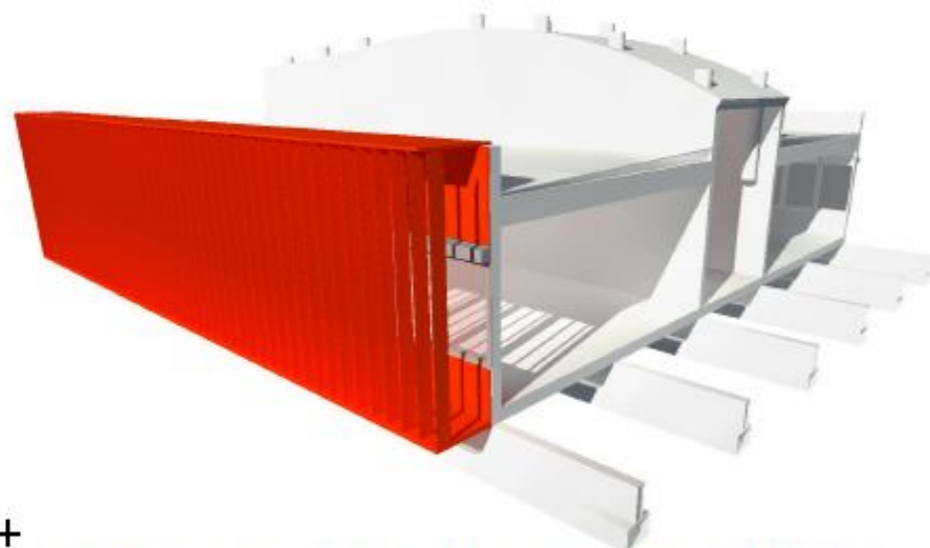
+ 4 - CHANTIER : POSE MODULE 3D SUR LONGRINES BÉTON



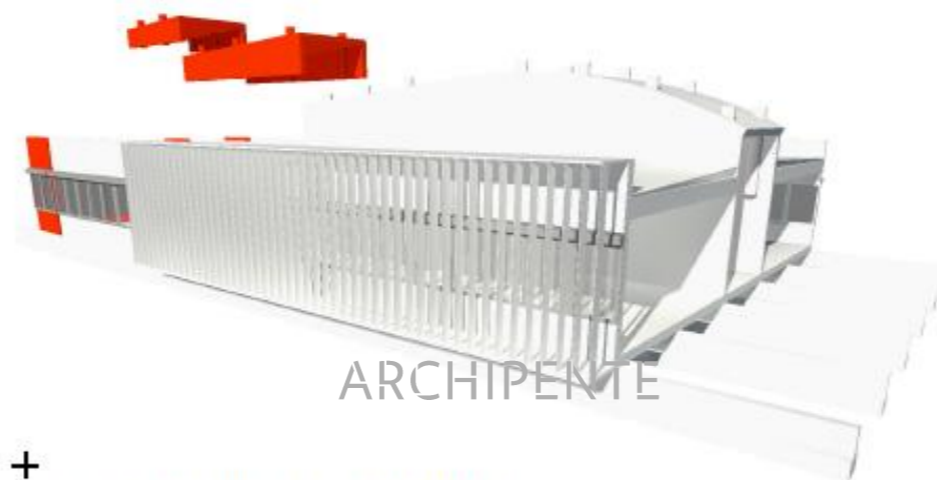
+ 5 - CHANTIER : POSE DES MODULES COMPLÉMENTAIRES



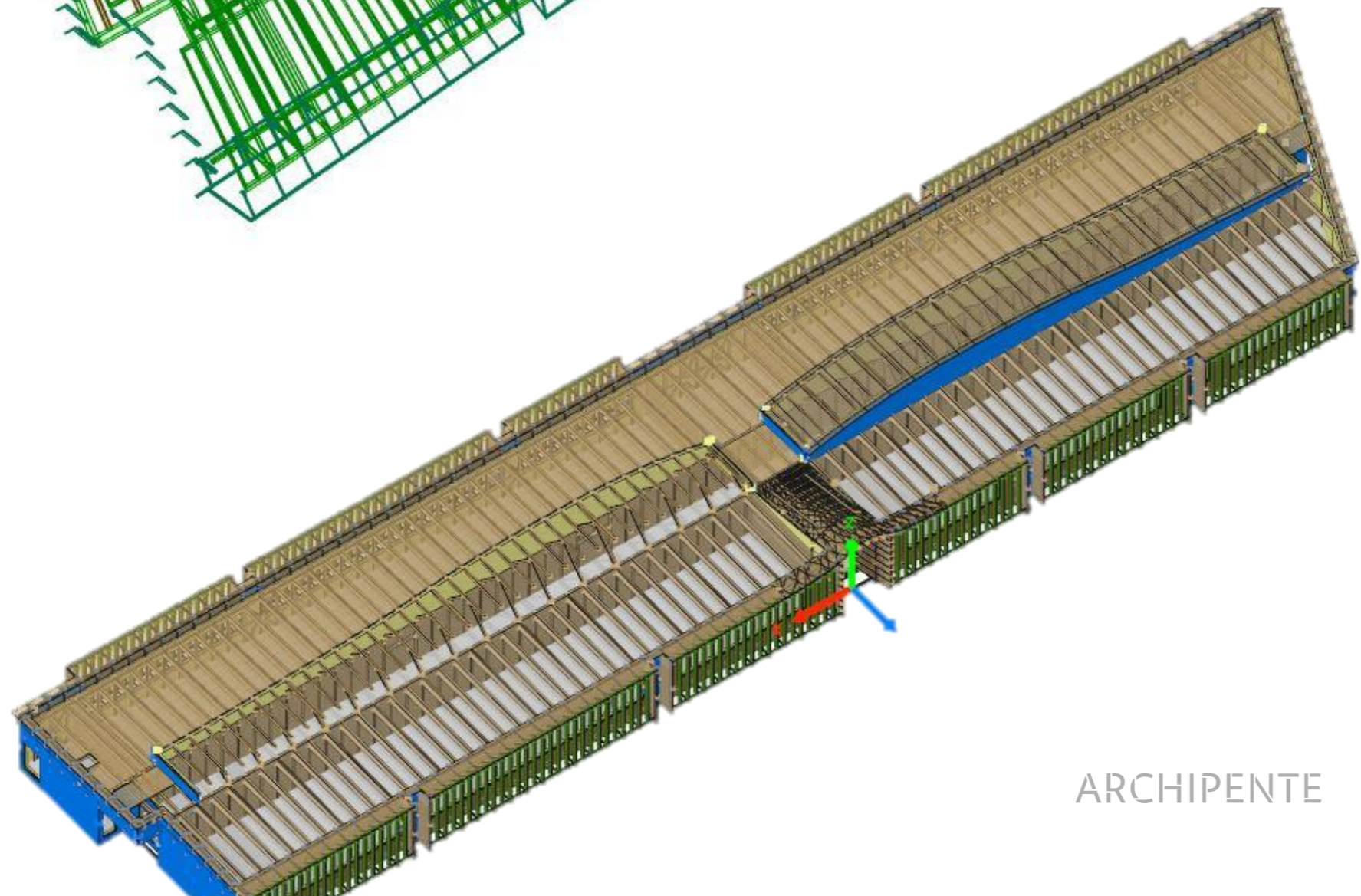
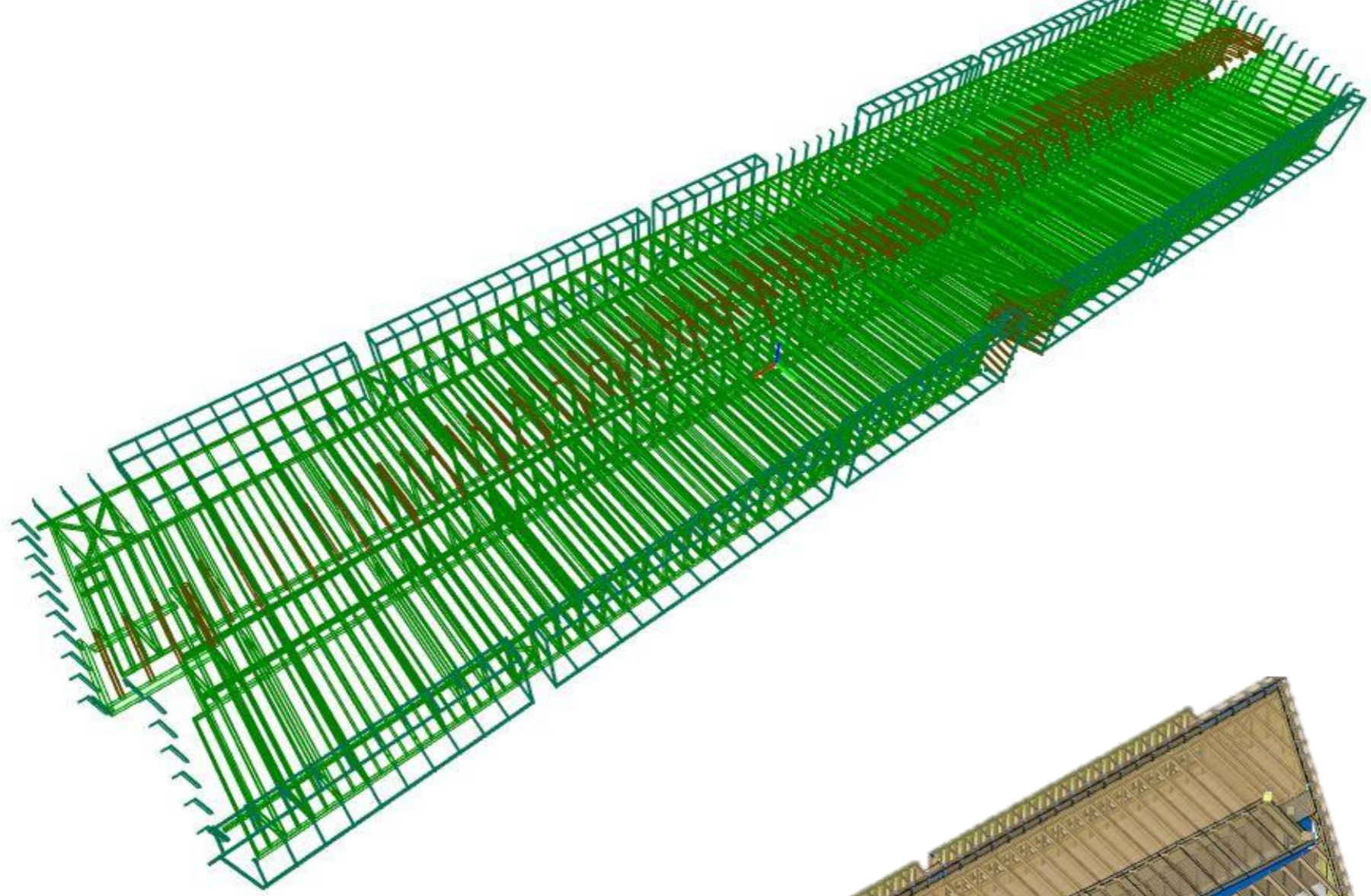
+ 6 - CHANTIER : POSE PLANCHER 2D ET TOITURE 3D DE LA CIRCULATION



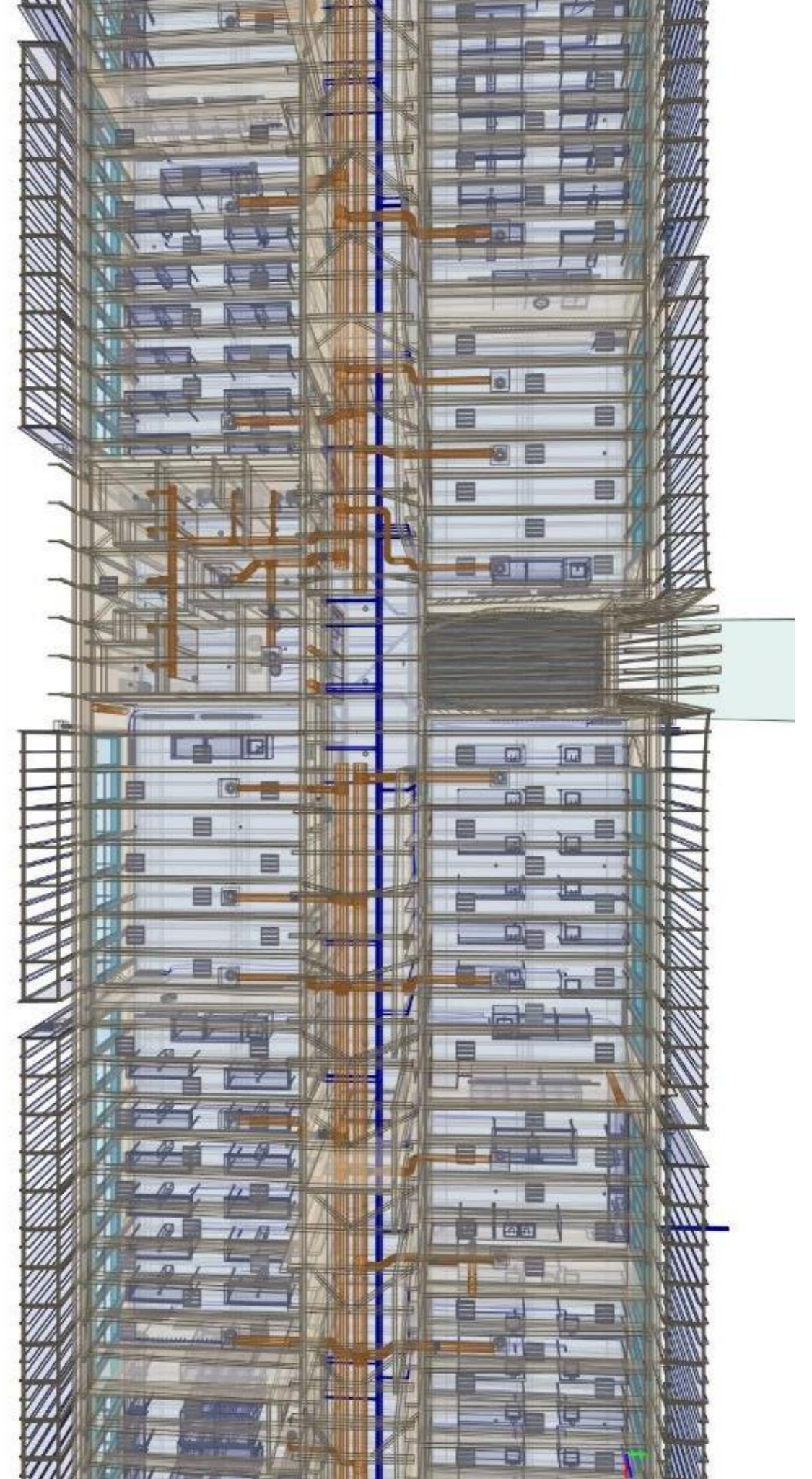
+ 7 - CHANTIER : POSE COURSIVE + BRISE SOLEIL + PHOTOVOLTAÏQUE



+ 8 - CHANTIER : POSE A L'AVANCEMENT



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ACTUALITES

ARCHIPEL

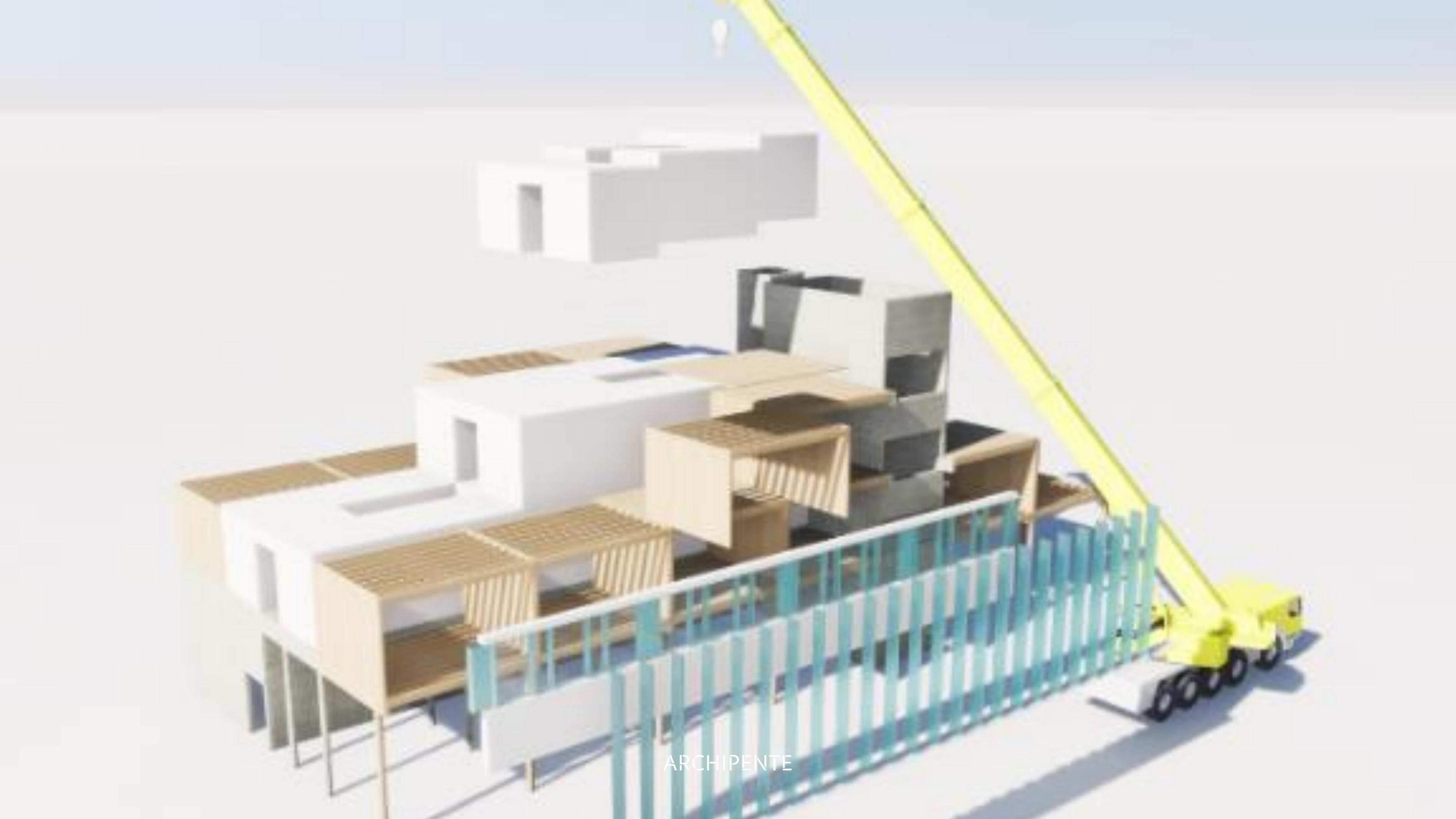
An architectural rendering of a modern school building. The main building features a facade of vertical green and blue panels. To the left, a section of the building has a perforated metal screen. In the foreground, a paved courtyard with a blue-tinted ground is populated with several people walking. In the background, a long, low building with a blue roof is visible under a cloudy sky.

**Internat au Lycée P. Delorme
l'Isle d'Abeau (69)**

ARCHIPENTE



ARCHIPENTE



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100 logements biosourcés Coupvray (77)



ARCHIPENTE



ARCHIPENTE



HQE
BÂTIMENT
DURABLE

2016
 Niveau
 EXCELLEN
 T,
 avec 8
 étoiles sur
 l'externat

Collège 700
Valenton (94)



ARCHIPENTE



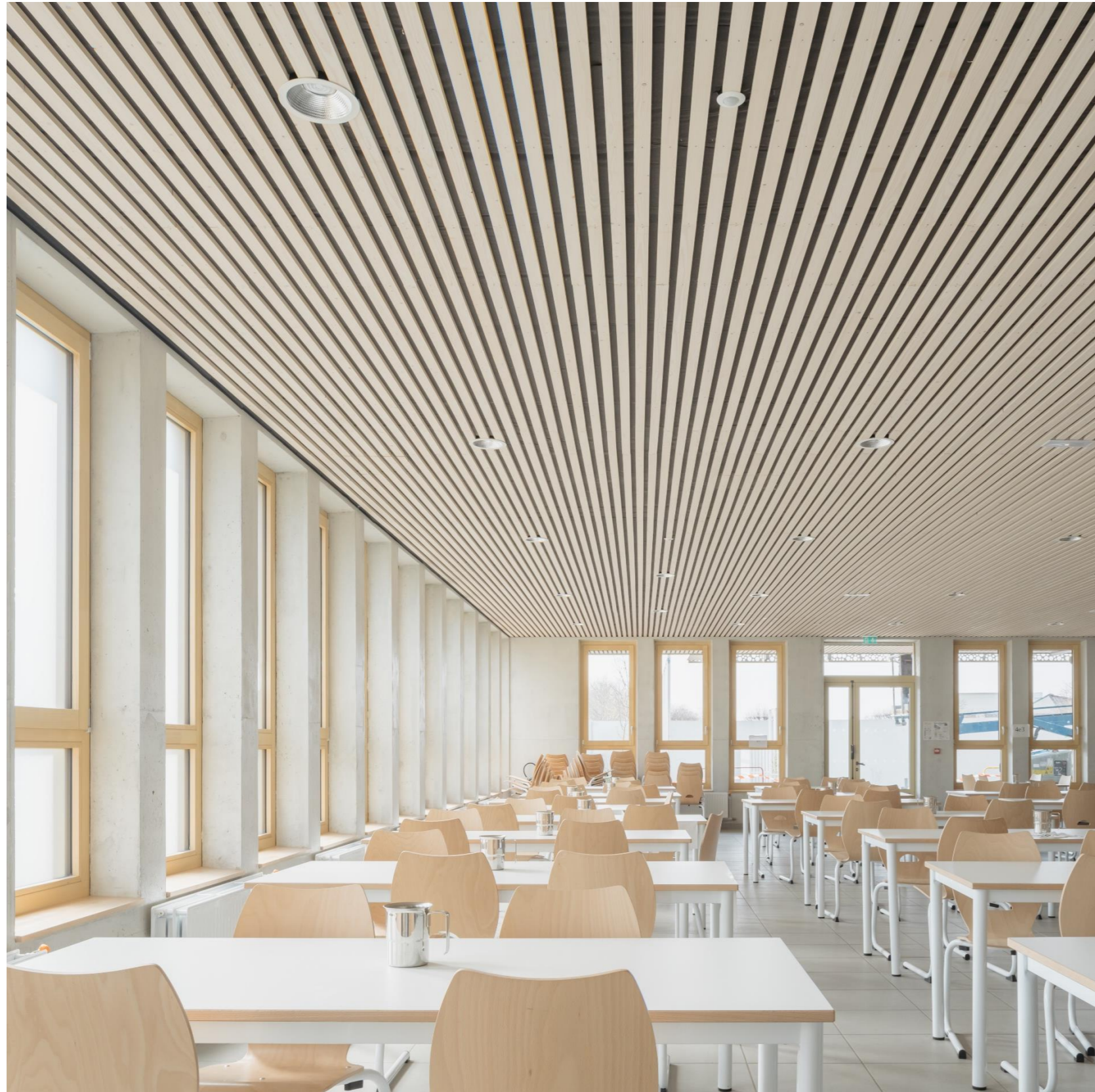


2016
HQE
BÂTIMENT DURABLE

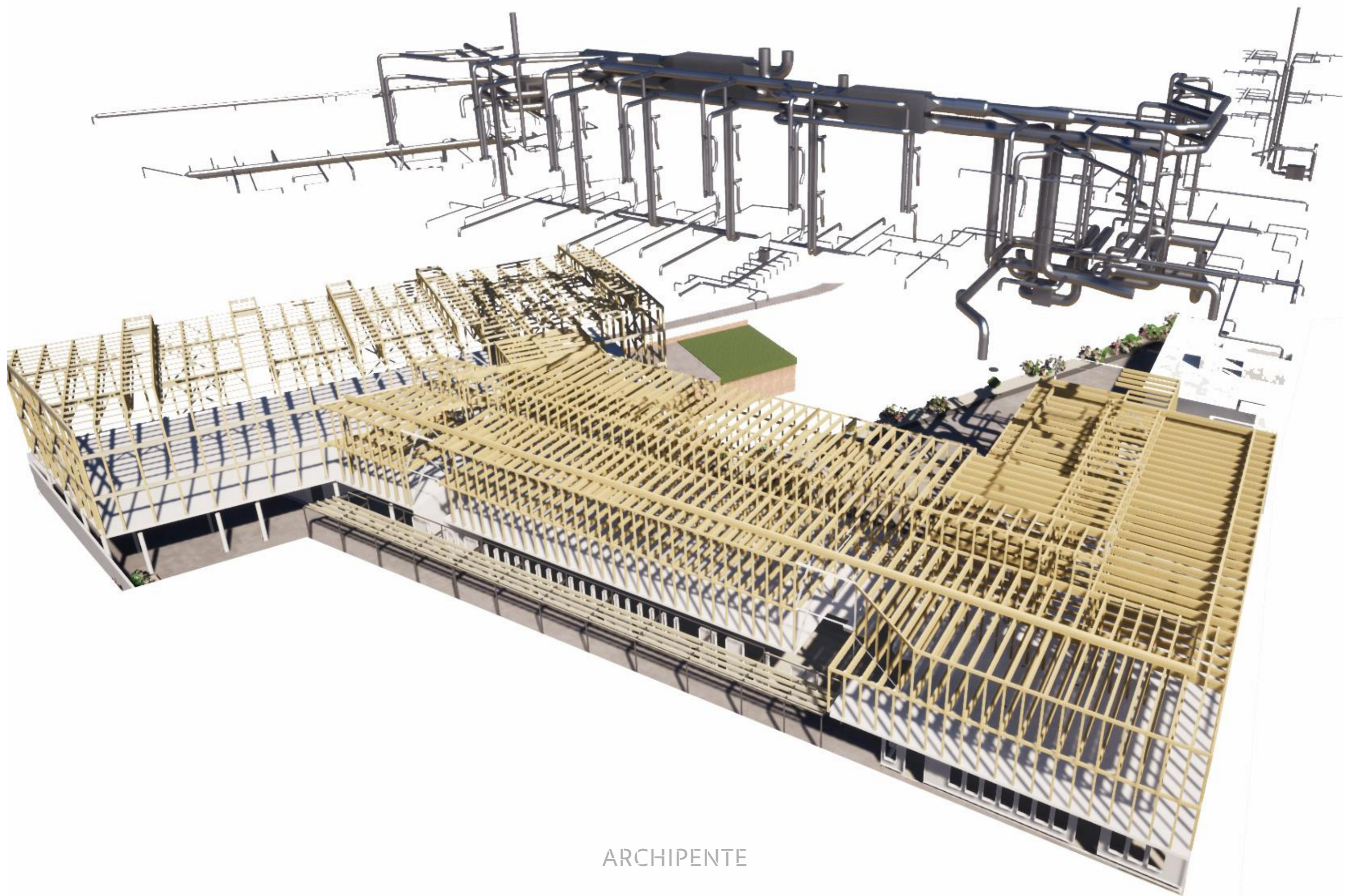
niveau EXCELLENT,
avec 9 étoiles sur l'externat



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE

d'œuvre

880m³
de bois

-45% d'émissions
de CO₂

Collège = 17min
de croissance de
la forêt française





ARCHIPENTE

Campus Mines ParisTech Versailles (78)



ARCHIPENTE



ARCHIPENTE



ARCHIPENTE



TABLEAU PERIODIQUE DES ELEMENTS

H	He																	Ne																
Li	Be	B	C	N	O	F	Ne																	Ar										
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr																	Xe
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe																	Rn
Cs	Ba	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn																	Ra	
Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr																	Uuo	

ARCHIPENTE



ARCHIPENTE



Yvelines
Le Département



MINES
ParisTech

CAMPUS D'INNOVATION
VERSAILLES-SATORY

<https://www.youtube.com/watch?v=xol25fHyIWU>

ARCHIPENTE

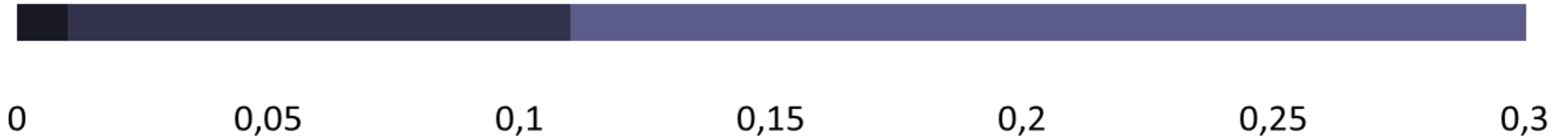
Le bois dans la construction




Architecte : Roland Schweitzer



■ PAREMENT 0.01 m³/m² ■ STRUCTURE 0.10 m³/m² ■ PLANCHERS 0.10 à 0.20m³/m²





Vieillissement des bâtiments « bois »

ARCHIPENTE

Direction régionale de l'Agriculture à Chalon en Champagne Roland Schweitzer architecte

Vieillissement des bâtiments « bois »



**Collège à Saint
Martin en Haut (69)**



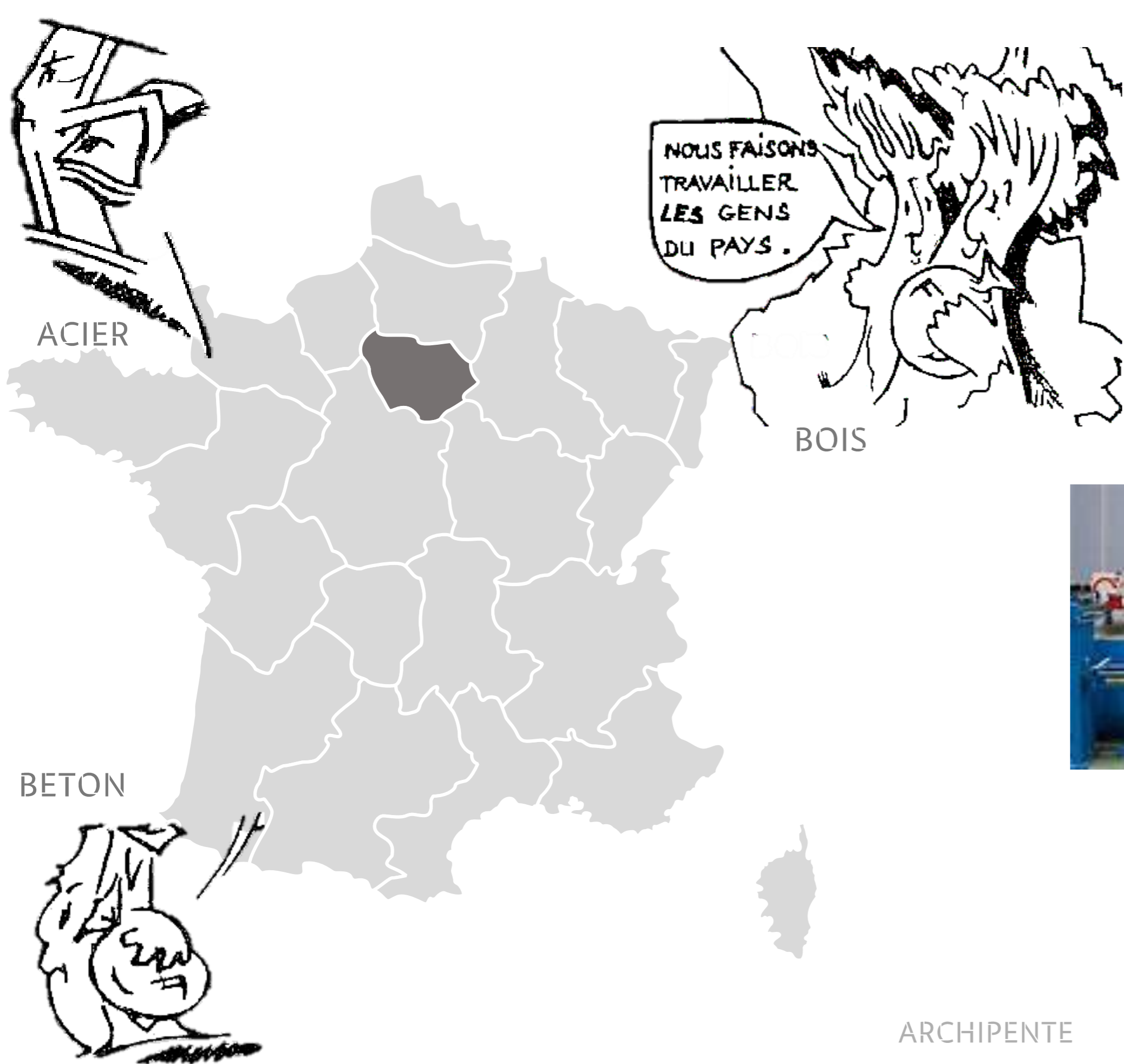
ARCHIPENTE



Collège Belley (01)



ARCHIPENTE



Développer l'emploi local et les



.... plutôt que « donner les intérêts des emprunts aux banquiers pour créer de grosses infrastructures industrielles pour fabriquer le BLC ou CLT » J.Natterer

ARCHIPENTE

Filière bois

Economie de la PME

Un collègue



4 M€ de « lot bois »

Matière première française
Exploitation française
Transformation française
Mise en œuvre française

Français



42 emplois à plein temps pendant 1 an



840000€
retournent à la collectivité

Non local



Pas d'emploi local



818 000€
à payer en plus



Chômage généré

$\Delta = 1.658M€$

ARCHIPENTE

Etude réalisée avec Fibois
Aura

An aerial photograph of a dense, lush green pine forest. The trees are packed closely together, creating a textured canopy of various shades of green. The lighting is bright, suggesting a sunny day, with some darker shadows visible between the trees. The word "merci" is centered in the middle of the image in a clean, white, sans-serif font.

merci

ARCHIPENTE