



Le Magasin Électrique Hub

LUMA-Arles, Parc des Ateliers, Arles, 2019-2023

Atelier LUMA + Assemble + BC architects & studies

Architects. Design Team

Atelier LUMA, Arles (France)
Assemble, London (UK)
BC architects & studies, Brussels (Belgium)

Collaborators and Consultants

Ostrowski Demuyter Architects (ODA), Local Architects
BC Materials, Myamo, Betrec Ingenierie (Structure, HVAC), Chris Posma (SYNEFS Consult, Bioclimatic concept), Bas Bvba, Socotec, A-Tech Midi, Cabinet LM Conseils, Lean Prevention, Terao, Sebastian Duthelage (Association Apte), Carsat

Contractors

ETS Carré, Tanzi, Guintoli Nge, Atelier Kara, Scop La Pierre Au Carré, Brique Technic Concept, Rachid Mizrahi, Novacier, Menuiserie Corrèze, CKAT Aménagement, CVI, CLP, Calvo, Snef, Sarl Fernandez & Fils, Het Leemniscaat, Briseno, Tonello, Citynox, Apte, Association Le Village, Actus Et Regard, Nebraska, Solid Travaux, Actisol

Environmental Certificate

Envirobat BDM, Scop DOMENE, Estenea, Adret, TERAO

Start and Completion Year

2019-2023

Gross Area

2000 m²

Sustainable Systems and materials

Rehabilitation, bioplastics, bio-based fibres

Expert committee. Sust. Outstanding Qualities

The scientific committee emphasizes the «use of rammed earth, food and another bio-based fibres to refurbish an existing infrastructure. Exemplary orientation in regionally available materials and execution in a high aesthetic manner. Project also sets a sign for reuse against demolition. », and the following aspects from the report provided by the architects:

«_Reuse of agricultural and quarry materials and waste streams.

_Reuse of existing building material waste. Existing clay roof tiles, broken from the roof renovations were turned into a bespoke striped terrazzo through meticulous slicing and laying.

_Material innovation. We used bioplastics, eco resin, algae-based dyes and invasive dye plants.

_Development of traditionally sustainable building practices. »

Website studio and work (link)

<https://bc-as.org/projects/lot-8>

IG @bcarchitectsandstudies, @luma_arles, assembleofficial

Project Management

Atelier LUMA, BC Materials, Lukas Wegwerth,
Établissement Brissaud, Association Le Village,
Plâtre Vieujot, Cstb, Cttm, Critt Bois, Rachid
Boukenhaf, Aatb, Atelier Kara

Landscape and Garden Design

Atelier LUMA, Chris Posma (SYNEFS Consult,
COLDEP, TPFI, Marie Marquet, Florent Valentin,
Dominique Cardon, Véronique Mure, General
Environnement, Agence PAYSAGE, Citeos, Masoni