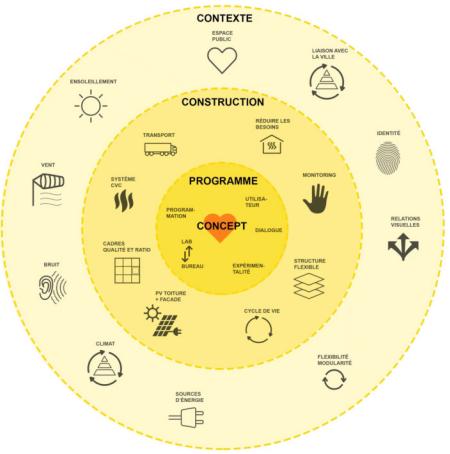
• SMART LIVING LAB
Fribourg, CH

2019–2027

The Smart Living Lab (SLL) is a research and development center focused on the sustainable transformation of the construction industry. The SLL is both a living experiment and a communication tool, as well as a highly adaptable structure that responds to changing climate conditions and evolving user needs.

#innovation
#lowenergy
#sustainability
#energyefficiency
#innovativematerials

research


CONTEXTE
ESPACE PUBLIC
LIAISON AVEC LA VILLE
ENSOLEILLEMENT
CONSTRUCTION
TRANSPORT
RÉDUIRE LES BESOINS
IDENTITÉ
VENT
SYSTÈME CVC
PROGRAMME
MONITORING
UTILISA-TEUR
PROGRAM-MATION
CONCEPT
DIALOGUE
RELATIONS VISUELLES
CADRES QUALITÉ ET RATIO
LAB
BUREAU
EXPÉRIMEN-TALITÉ
STRUCTURE FLEXIBLE
BRUIT
PV TOITURE + FACADE
CYCLE DE VIE
CLIMAT
FLEXIBILITÉ MODULARITÉ
SOURCES D'ENERGIE

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CLIENT
Bluefactory Fribourg (BFF SA)

ARCHITECTS
Behnisch Architekturbüro

ADDRESS
Pass. du Cardinal 1
1700 Fribourg
Switzerland

GROSS AREA
4.985 qm / 53,659 sq.ft

GROSS VOLUME
20.495 cbm / 723,781 cu.ft

COMPETITION
2019, 1st prize