

# TECHNE

## TI / TECTONIC INNOVATION

SCTRC / PROJET DE RECHERCHE  
Sustainable Construction based on  
Textile Reinforced Concrete (TRC)

.pg  
.rb  
MFR  
DFO  
.pv

UE / UNITE D'ENSEIGNEMENT -  
Recovering A Building Technique  
Through TRC

.rb  
.pg  
MFR  
DFO  
.pv

SW / SUMMER WORKSHOP  
A Prototype Pavilion In TRC

.pg  
.rb  
MFR  
DFO  
.pv

SE / SEMAINE ENAC  
Making Structural Logic

.pg  
.rb  
MFR  
DFO  
.pv

DM / DOCTA MANUS /  
UE / UNITE D'ENSEIGNEMENT -  
Drawing Structures

.pg  
MFR  
.rb  
DFO  
.pv

W / CRAFTS Y1

.pg  
.nn  
.uw  
.rb  
.rl

R / RESEARCH TEAM

.ljo

E / TEACHING TEAM

.dz  
.tc  
.nn  
.rl  
.uw

DR / DESIGN RESEARCH TEAM

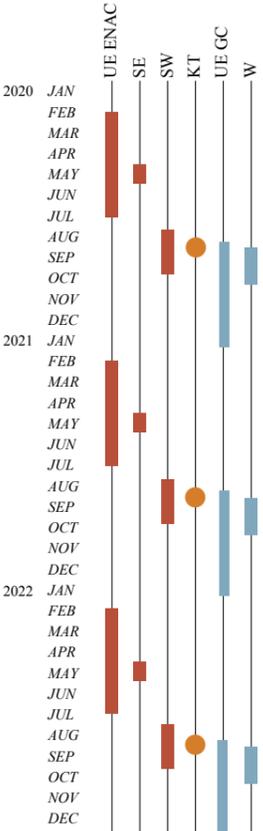
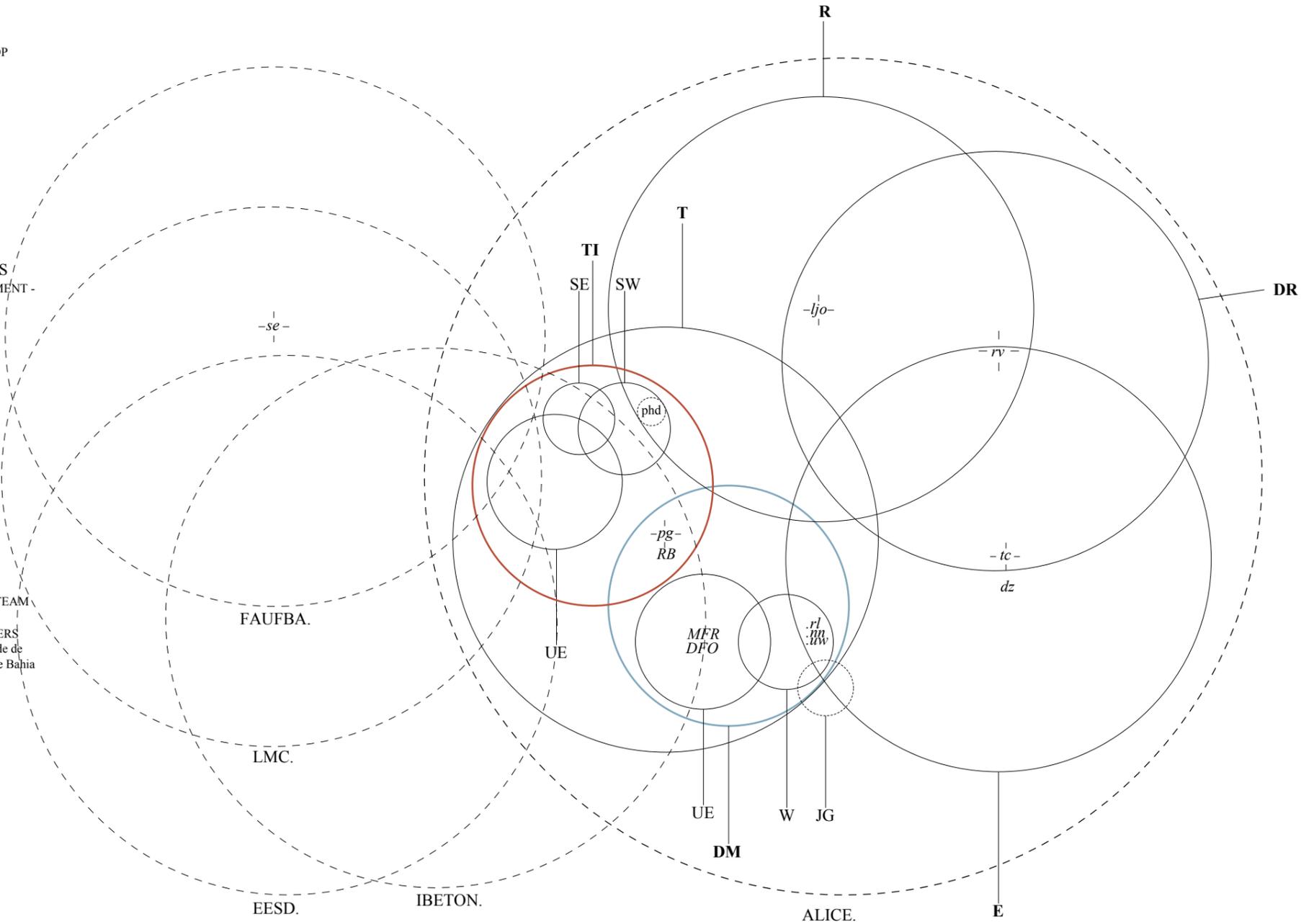
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Sergio Ekerman

SWISSNEX

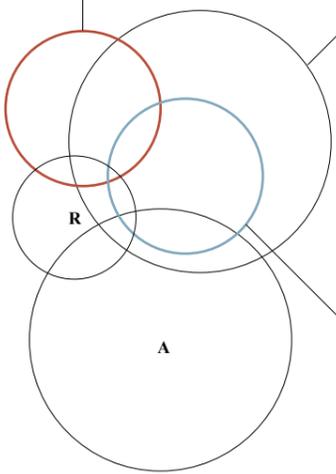
Leonardo Machado



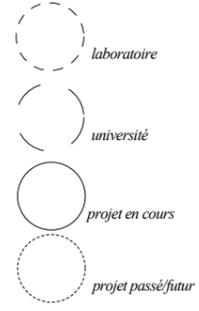
**TI:** Thanks to Tectonic Innovations we investigate the spatial and tectonic characteristics of different sustainable materials in the context of our built environment, generating interactions with researchers from different disciplines.

**T:** Thanks to Techné ALICE, we understand the architectural project, not as a simple practice but as a "knowledge", which implies the "making", a knowledge in itself where the process of conception and manufacture are fed. This knowledge of the physical, of the making, is connected through the tools, with the physicality of the architect's body - the one who does. Thus this activity is not only cognitive but also transformative and practical. Techné provides, from the architectural point of view, a common ground for action and experience which helps understanding the implications of current digital practice and allows multiple associations between different cultural, natural, technical, scientific and cognitive aspects.

**DM:** Docta manus includes our investigations on how to generate new knowledge through iterative processes that incorporate body practices, about what has been done, through individual and collective interventions.



- xy director
- |xy- head of activity
- .xy studio director
- xy head of communication
- XY collaborator
- .XY researcher / phd researcher
- XY laboratoire



- ALICE. Atelier de la conception de l'espace
- IBeton. Laboratoire de construction en béton
- LMC. construction material laboratory
- EESD. laboratoire du génie parasismique et dynamique des structures