Urban Shed

- Precast concrete platform module
- Hollow column cast in situ
- Sill 80x80
- Insulation layer 100mm
- Fat rope
- Translucent polyester insulation
- Polyethylene sheet 0.2
- Glass fiber cloth
- T shaped steel
- Aluminum frame
- Membrane
- Folding "curtain wall" crossbar
- 150x150 rectangle profile
- GFRC panel
- Folding membrane for hiding aluminum frame
- Reinforced concrete bed
- Concrete foundation for railway
- Lamp
- Cupolex floor ventilation system
- Self leveling cement floor in situ
- Insulation layer modules
- Elastic silicon
- Spring
- Air tight foam rubber as insulation
- Cushion layer
- 300x300x100 glass brick
- I beam as structure of luxcrete and lamp
P4 PRESENTATION
Urban Shed
Vertical Section A-A 1:20

Facade Fragment B-B 1:20

- Ventilation Strategy
- Heating Strategy

Summer
- Precast platform module
- Fresh air from far, preheated by geo-thermal pipe in the ground
- Water harvesting area

Winter
- Precast railway module
- Hollow beam cast in situ
- Hollow column cast in situ

Horizontal Section C-C 1:20

Structure Design
- Precast railway module
- Hollow beam cast in situ
- Hollow column cast in situ

Climate Design
- Heating strategy
- Ventilation strategy