

Moselle Pilot

Concrete pre-cast products for road construction - WPI3

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**Centre for Studies and
Expertise on Risks, the
Environment, Mobility and
Planning**

ROLE:

PROVIDE SCIENTIFIC AND TECHNICAL EXPERTISE, IN SUPPORT OF THE DEFINITION, IMPLEMENTATION AND EVALUATION OF PUBLIC POLICIES ON BOTH NATIONAL AND LOCAL LEVELS

KEY FIGURES



2,888 employees



248 M€ turnover



32 on going European projects



1,700 edited publications

Objective



- Test, Implement and promote pre-cast L-wall (Moselle / France).
- Demonstrate recycled concrete mechanical properties and durability.
- The pilot represents a first application of using recycled aggregates (100%) and cement in structural precast elements.

Project description



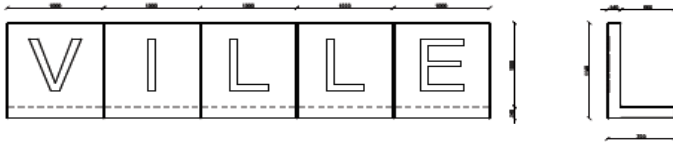
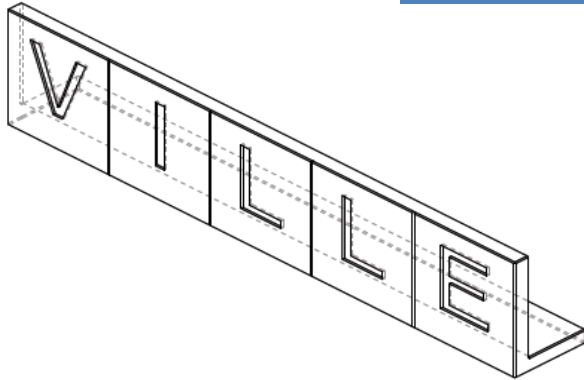
Length : 27 m
High : 1,1 m



Rest area "Porte de France" (highway A31)

On site implementation

pre-cast L-wall



- 5 elements of 5m to 6m each.
- Pouring of leg on site

Final result



Hurdles to overcome for further development

- ✓ Lack of guarantee for final user : economic, logistical, aesthetic or structural.
- ✓ Anticipation of the use of recycled concrete in the technical specification of a public tender.



Thanks for your attention