

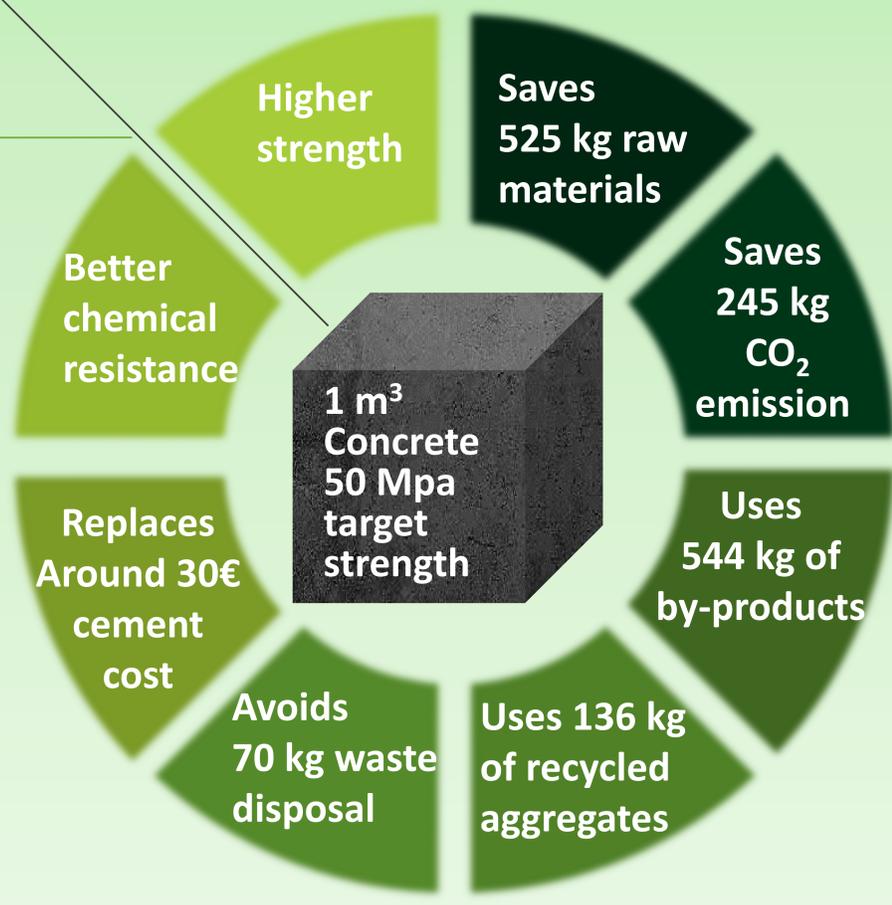
PhD Training Network on Durable, Reliable and Sustainable Structures with Alkali-Activated Materials



Traditional mix:
Water 170 kg, Cement 350 kg,
Aggregates 1850 kg

**Alkali
Activated
Materials**

AAM mix:
Activator 155 kg, By-products
380 kg, Aggregates 1850 kg



PROPERTIES

- Workability
- Strength
- Durability
- Fire resistance

APPLICATIONS

- Concrete construction
- Strengthening concrete
- Seismic retrofitting
- High performance concrete
- Prefabricated elements



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