

CONCRETE  
DESIGN

COMPETITION

2021/2022

REIMAGINE

Concrete is the world's most used construction material. Due to its relatively easy handling, its ability to be shaped in almost any form, its forgivingness in terms of material inconsistencies, its excellent strength and durability; concrete is used everywhere and for a vast array of different purposes. These benefits, combined with the availability and affordability of its raw materials, have led to perceptions and practices that focus on the volume rather than the value of concrete. To engineer and develop optimal long-lasting concrete structures, with as few resources as possible, seems to be far more challenging than just relying on traditional approaches.

Current global challenges force all of us to rethink the ways we use and use up our surroundings. Preserving raw materials, saving energy, pressures on economical viable space, lead us to rethink our habits. We must challenge the traditional in order to built smarter. We must deploy the properties of concrete differently to meet our needs and challenges.

In other words, we should imaginatively reinterpret concrete as a material for constructing elements,

buildings, and structures by tapping into its existing benefits from a different perspective. Our ambition must be to push beyond the easy abundance of concrete and give the world durable structures, that are more inspiring, more considered, with less raw materials, more reusable elements, clever methods for using/re-using/not using formwork; while delivering extended energy efficiency, comfort and performance. We need to focus on the value rather than the volume of concrete.

The 10th Concrete Design Competition on REIMAGINE asks students of architecture, design and engineering to explore and exploit the potential of concrete's properties with respect to any notion of REIMAGINE. These can be related to inherent material properties as well as to concrete's application in new or existing structures. They may address aesthetic desires, structural systems or fabrication methods and comment on economic realities, sustainability demands or social issues. Proposals may range from objects, furniture and architectural details to housing, landscape interventions, complex buildings, infrastructure and structural systems.

image: Water Tower, Ghlin, BE - V+, image source: bureaubakker

**Winners of the competition will be invited to a week-long hands-on international master class with concrete. Supported by the industry, specialists and expert critics and lecturers the material will be explored and tested through the making of prototypes.**

**The Concrete Design Master Class on REIMAGINE will take place in August 2022 in the city of Kassel.**

For detailed info please visit our website.

**WWW.CONCRETEDESIGNCOMPETITION.COM**