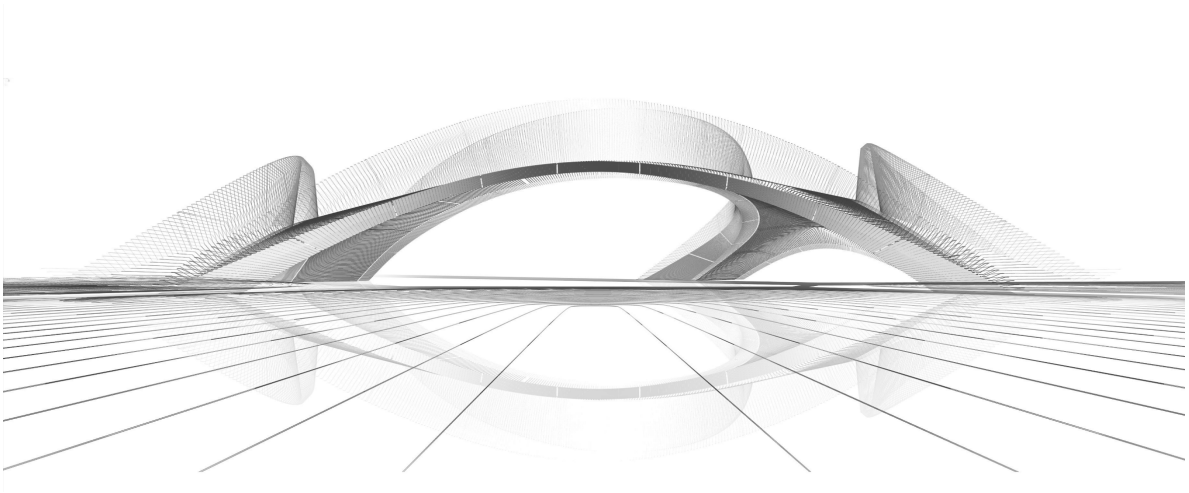
Note to editors

May 20, 2021



Introducing Striatus - the first of its kind 3D concrete printed arched bridge

- **Project by the Block Research Group (BRG) at ETH Zurich and Zaha Hadid Architects Computation and Design Group (ZHACODE), in collaboration with incremental3D, made possible by Holcim**
- **Establishing a new language for concrete, Striatus is circular by design, combining traditional masonry with advanced technologies**
- **Coming soon to Venice, Italy**

Striatus establishes a new language for concrete and is designed according to the following principles:

Strength through geometry
Achieving strength through geometry, the Striatus bridge stands solely through compression without reinforcement. Using advanced technologies, from computational design and engineering to robotic manufacturing, Striatus revives traditional master builders' techniques.

Circular by design
Striatus was designed to place material only where needed, significantly reducing its environmental footprint. With no reinforcement and using dry assembly without binders, it can be repurposed repeatedly.

A new language for concrete
Striatus opens up a world of possibilities with concrete in a design that is structurally informed, fabrication-aware and ecologically responsible. Material is precisely placed to build more with less.

Media contact: info@striatusbridge.com

Note to editors

Being built for the “Time Space Existence” exhibition, hosted by the European Cultural Centre (ECC) during the Venice Architecture Biennale 2021.

Opening soon at the Giardini della Marinaressa, Venice, Italy.

Discover more here:
Project website: https://striatusbridge.com
Digital making-of video: https://vimeo.com/551894206
Assets for download: Link to Assets

Project partner websites:
https://block.arch.ethz.ch/
https://www.zaha-hadid.com/
https://www.incremental3d.eu/
https://www.lafargeholcim.com/