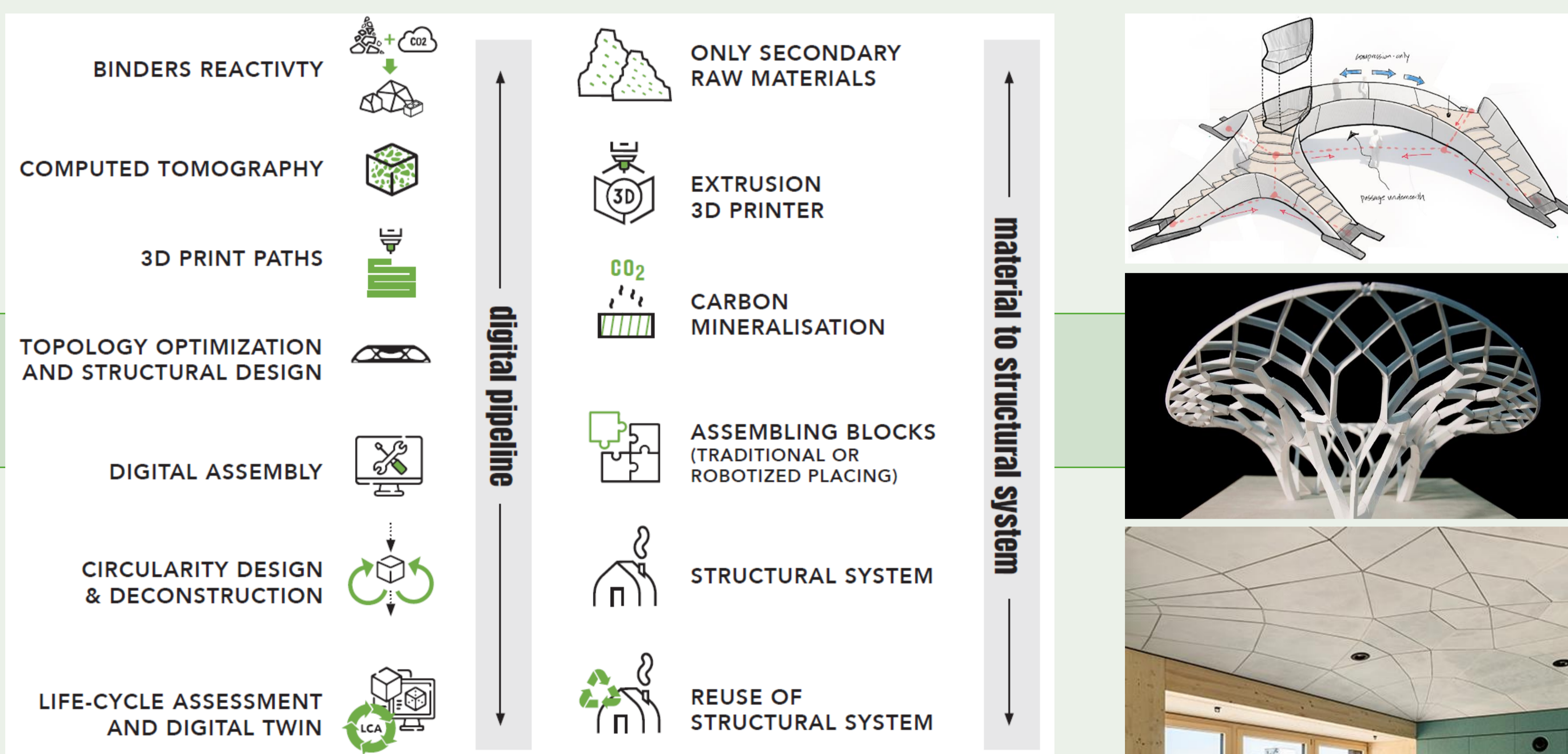


# CARBon-negative COMpression dominant structures for decarbonized and deconstructable CONcrete buildings

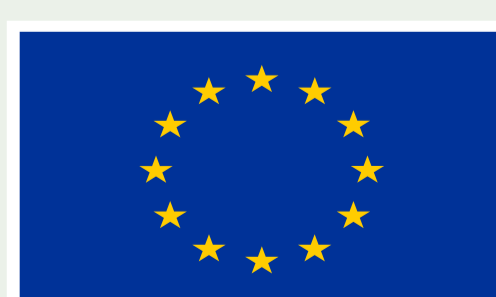
- Carbon-negative concrete recipes, based on local available by-products and using carbonation for concrete hardening.
- Compression dominant structural systems, following design strategies using assemblies of 3D printed concrete blocks.
- Open-source design-to-fabrication digital pipeline, further considering the durability performance and quantified sustainability through LCA.



Zaha Hadid Architects

*“Envisioning decarbonized and deconstructable compression dominant structures”*

European Innovation Council



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