

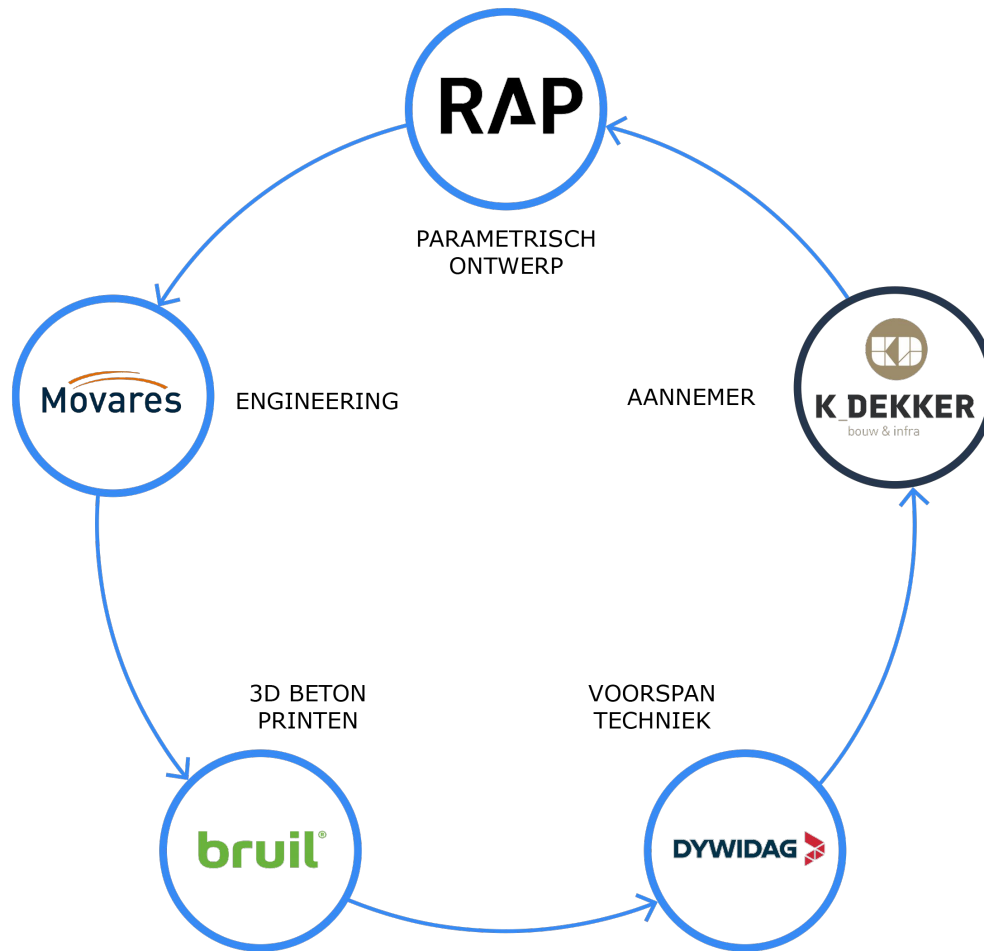
SBIR Circulaire Viaducten

Honeycomb

Team: Studio RAP, Bruil, Movares, Dywidag, K_Dekker



Honeycomb : Studio RAP, Bruil, Movares, Dywidag, K_Dekker



kokon
ARCHITECTUUR & STEDENBOUW

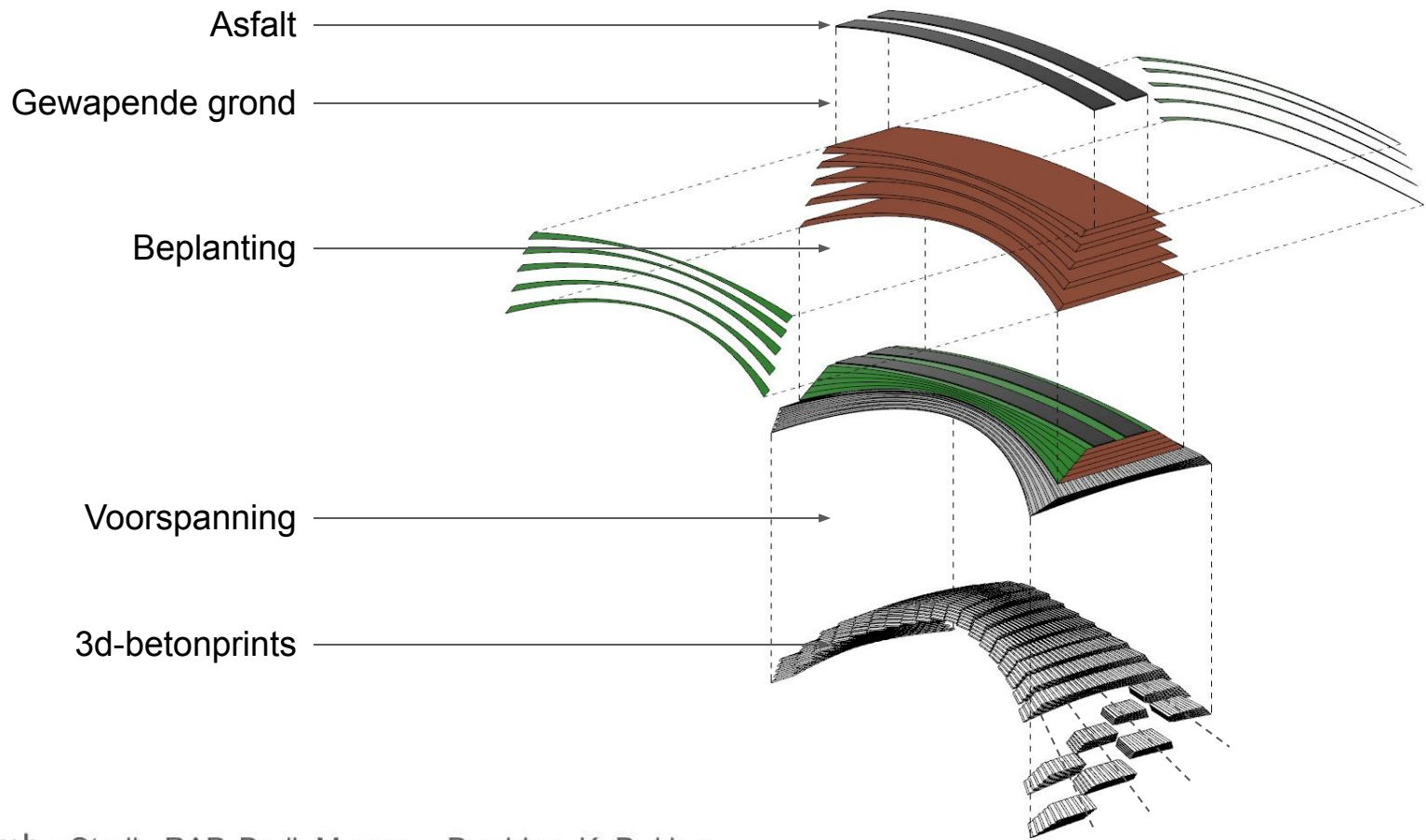


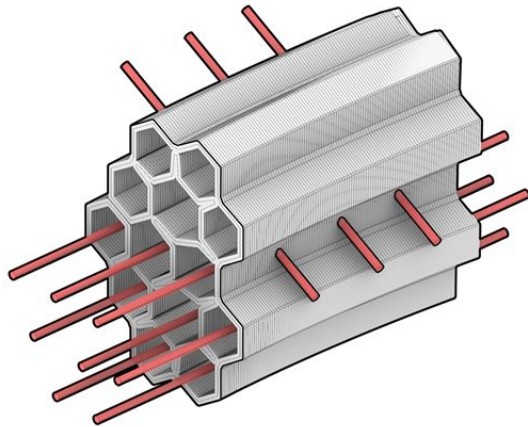
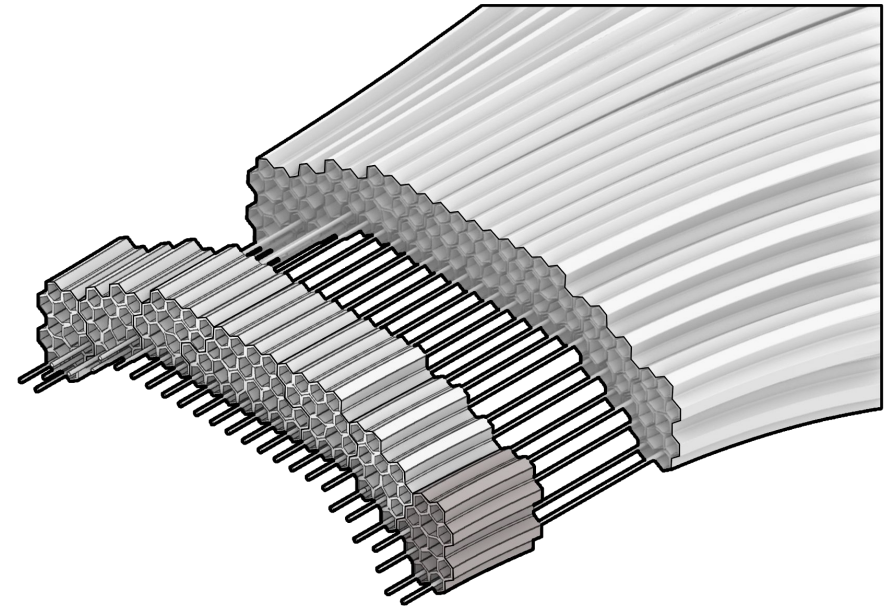
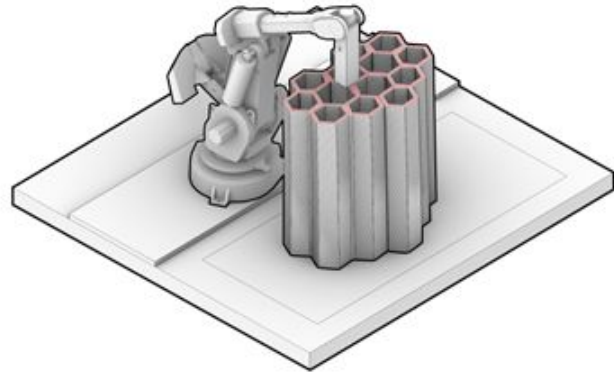
HelderVastgoed



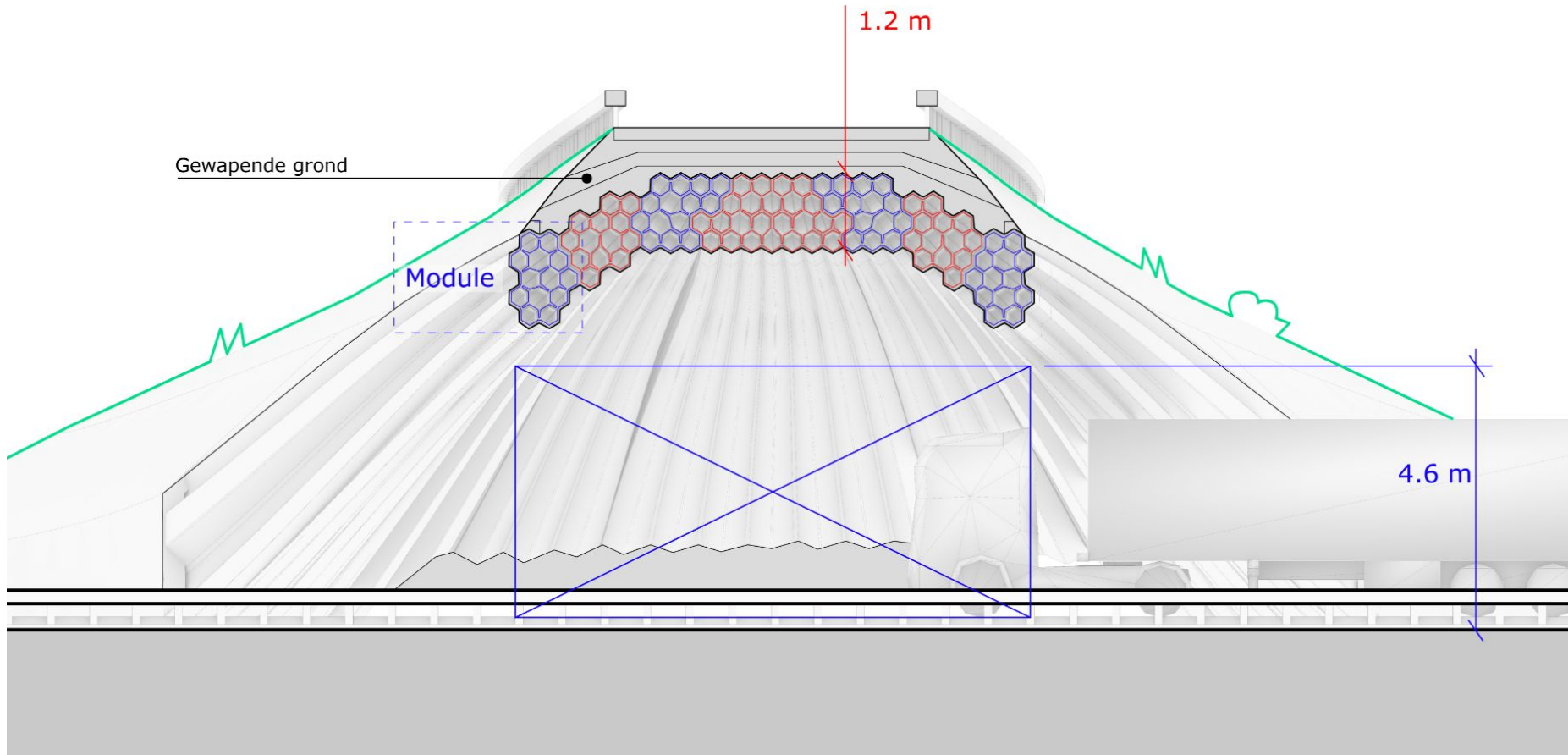


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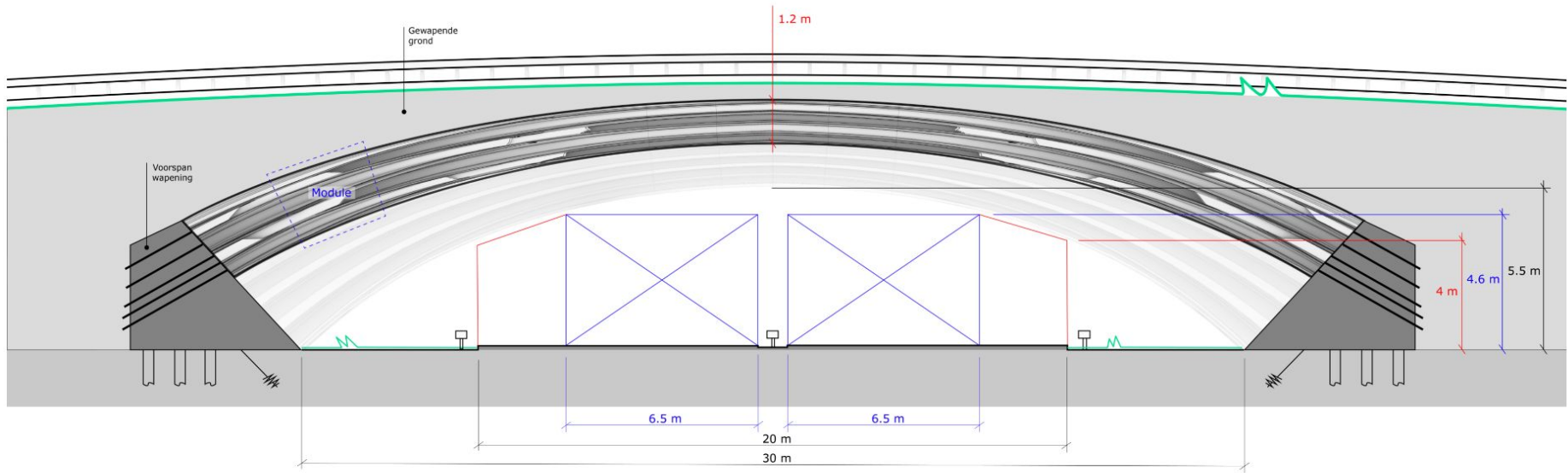




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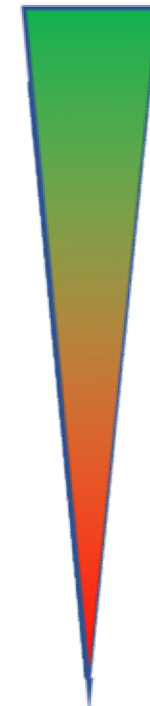
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Circulariteit

zo min mogelijk materiaal (refuse)
oneindig herbruikbaar is. (re-use)
een zo laag mogelijke CO2 impact (reduce)
componenten die losmaakbaar en vervangbaar zijn

Meest duurzaam



Refuse

Reduce

Redesign

Re-use

Repair

Refurbish

Remanufacture

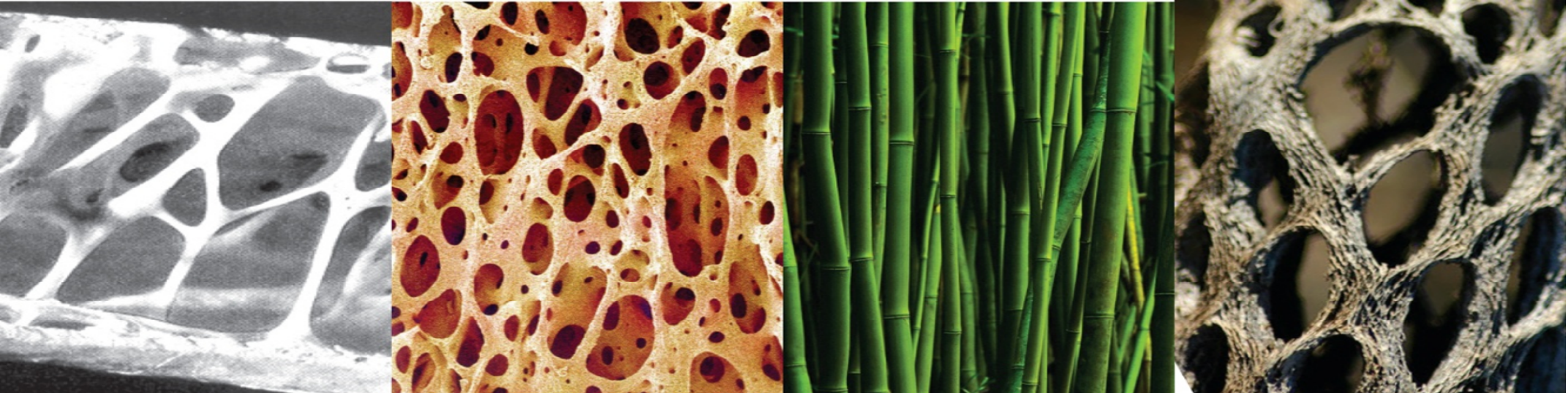
Re-purpose

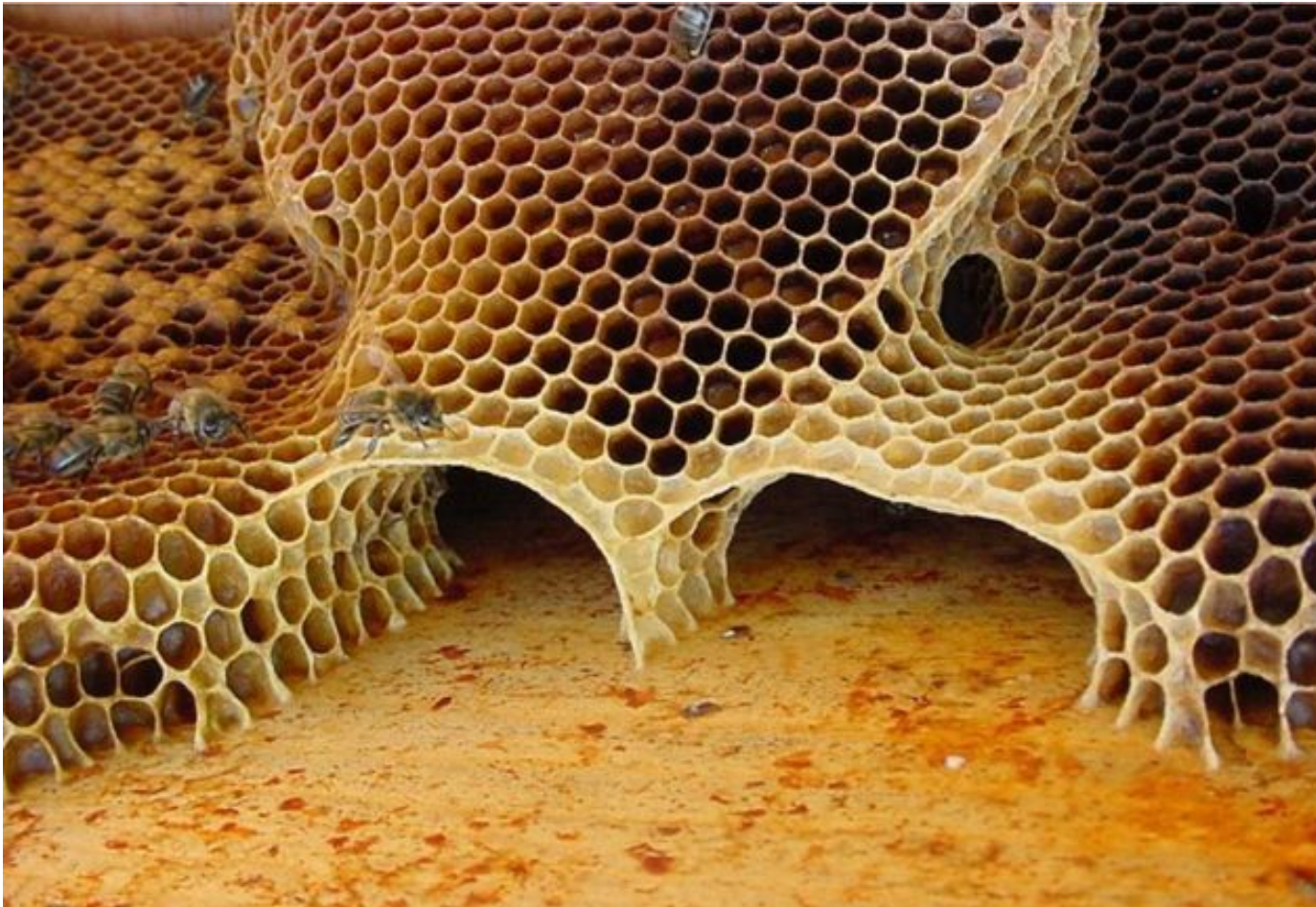
Recycle

Recover

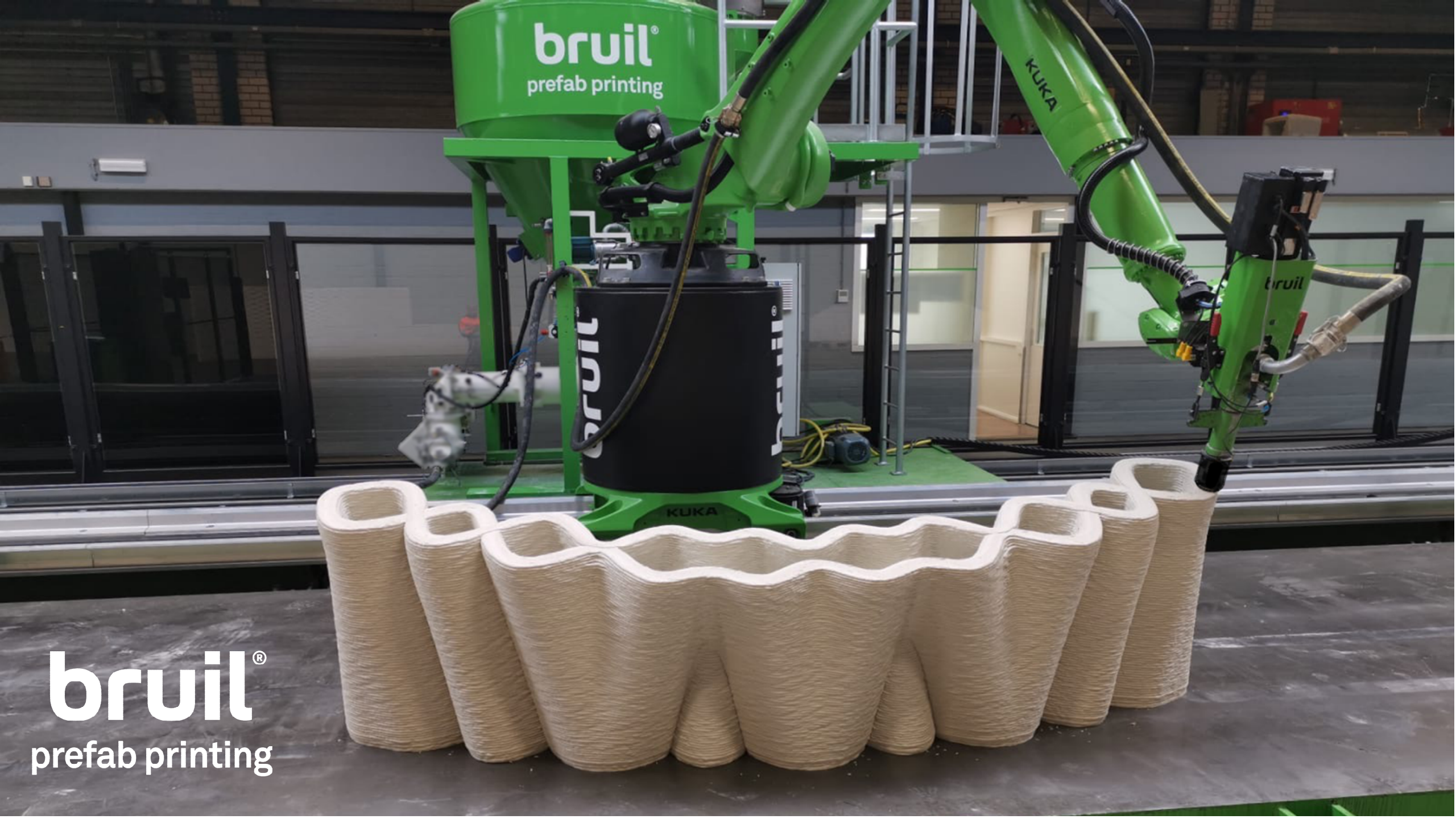
Minst duurzaam

Material besparing





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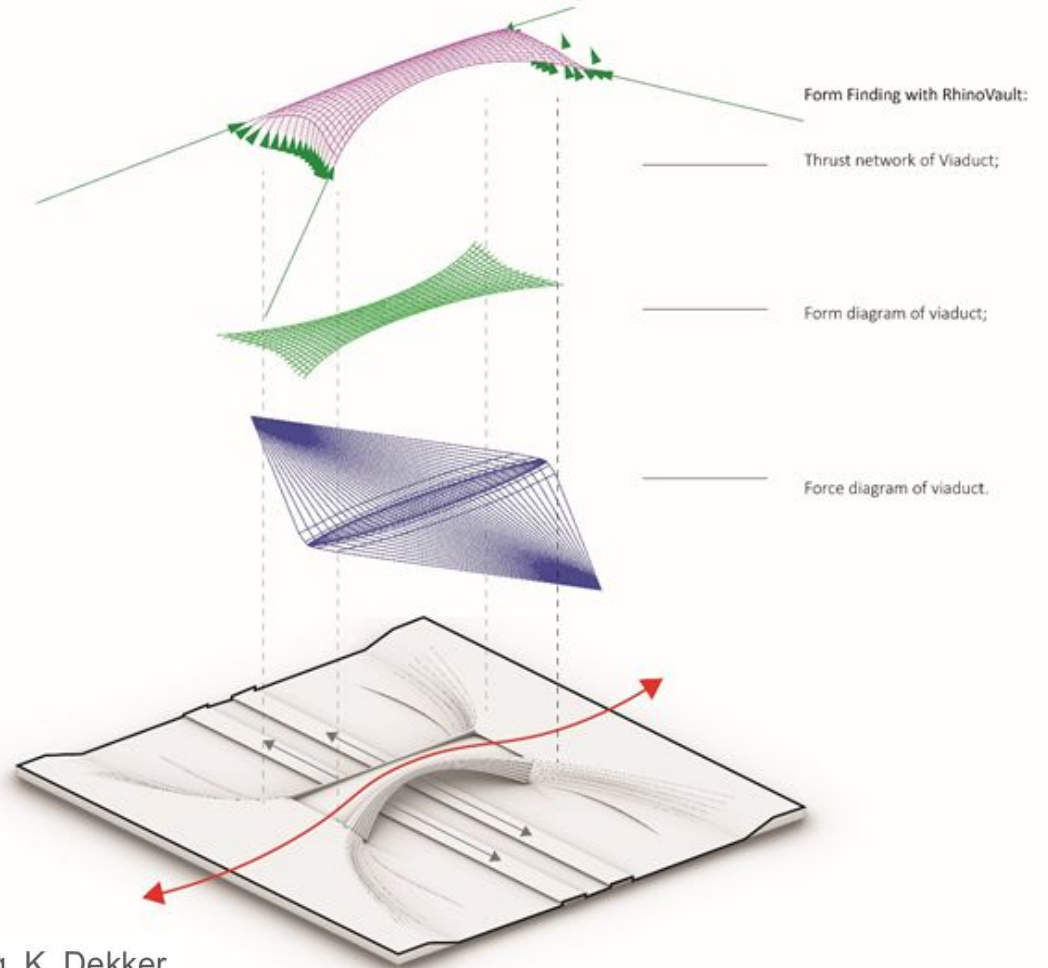
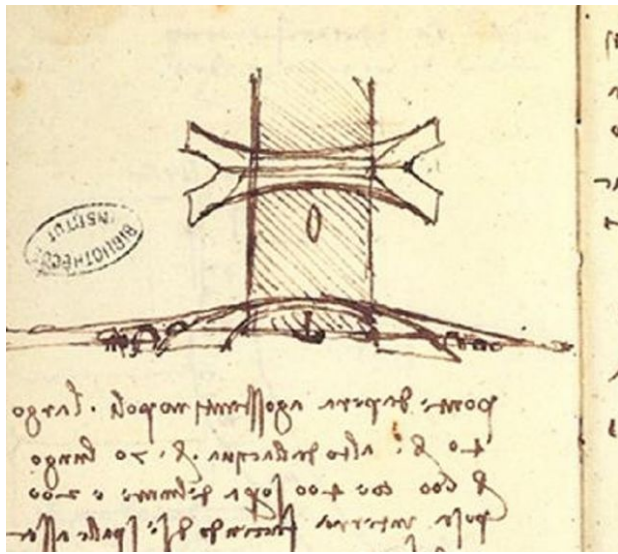
bruil[®]
prefab printing

KUKA

bruil

KUKA

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Niet alleen inzetten op modulariteit

In 2070 krijgt een (bouw)bedrijf de opdracht om een (geprint) viaduct te vervangen...
Welke waarde moeten 'building blocks' voor de bouwers en engineers in 2070 hebben?



Opel Kadett 1986

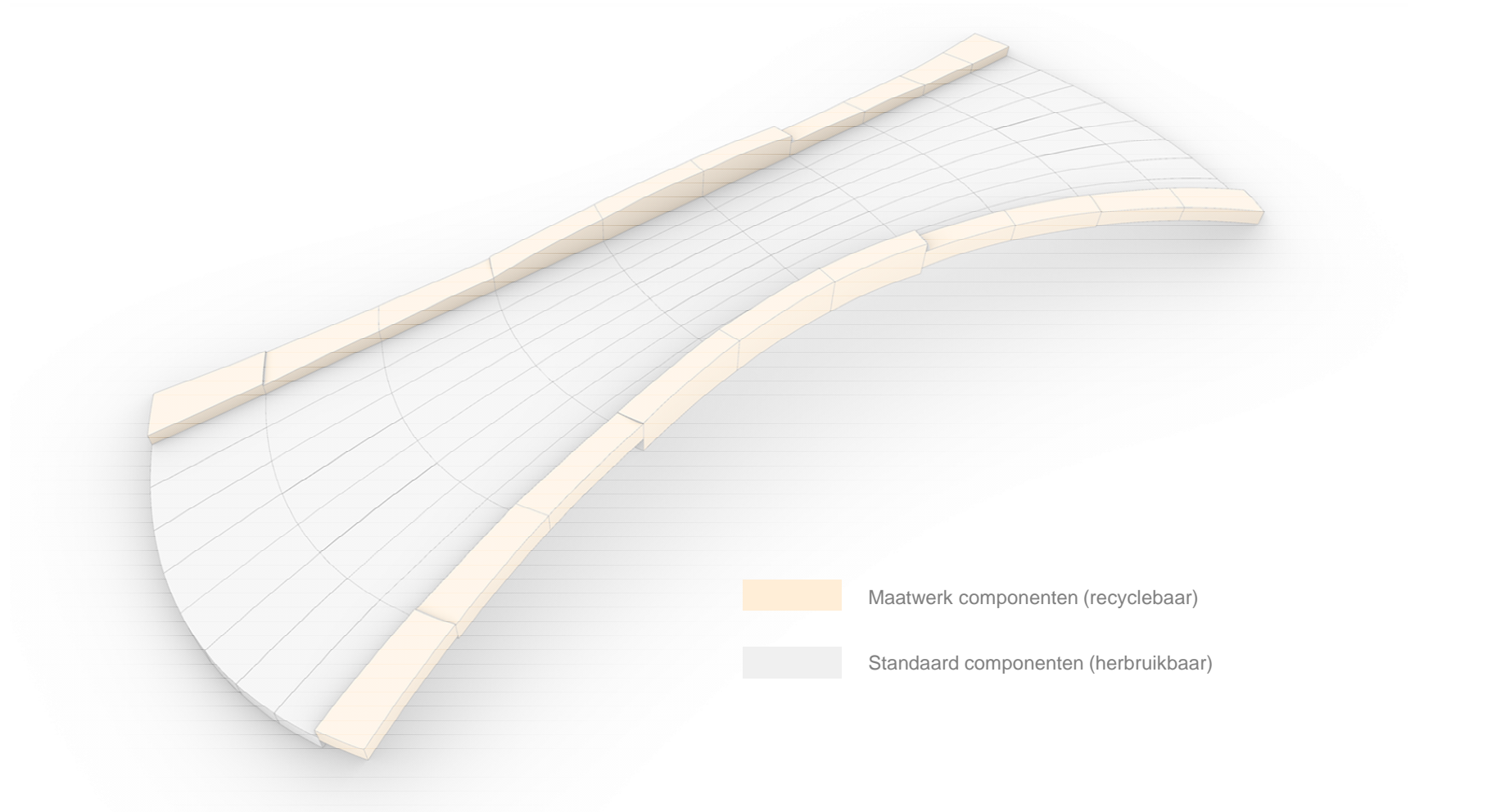


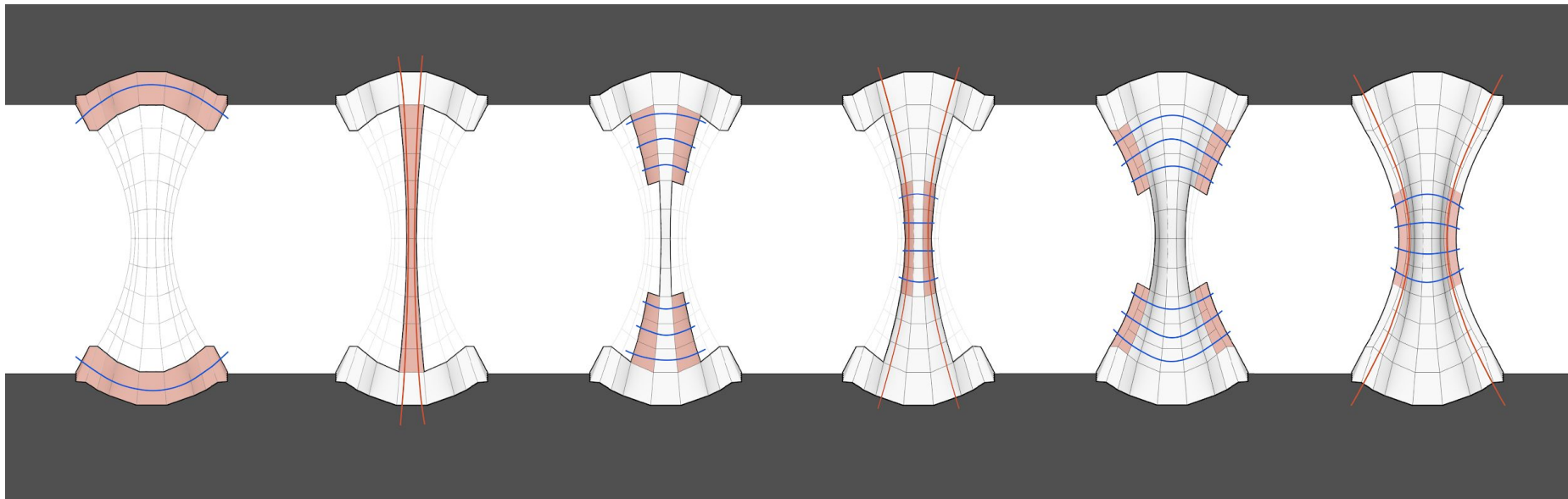
Opel Astra 2021



Opel Astra 2026?

Re-use 80% modulair / 20% maatwerk





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