

SUPERARUSSE

SUPERUSE

Beton in hergebruik

April 3, 2025





Circularity Gap 2022- Dutch construction sector

Minerals 19,17 Mt

Concrete 16,60 Mt

Brick and ceramics 0,97 Mt

Sand 0,84 Mt

Gypsum 0,66 Mt

Limestone 0,10 Mt

Ores 0,84 Mt

Steel 0,83 Mt

other metals 0,02 Mt

Fossil Fuels 0,34 Mt

Insulation 0,2 Mt

Glass and plastic 0,07 Mt

other materials 0,07 Mt

Biomass 0,30 Mt

wood 0,30 Mt

cardboard and paper 0,006 Mt

construction

+20,86 Mt

-4,12 Mt

+16,74 Mt

Incineration and Landfill 0,51 Mt

Infrastructure 3,40 Mt

Reuse 0,21 Mt

source: Circularity Gap Report Circle Economy 2022, visual:

SUPERUSE



Materialaal gedreven ontwerp





Espresso



Espresso Bar Sterk

A waste flow of at least 6000 ton of composite materials per year equals ~1800 windmill blades or ~9km of Blade Barrier.







REwind Willemsplein

Blade-Made street furniture





Material advice Other Architects







DOGSTKAART

Contourplaat

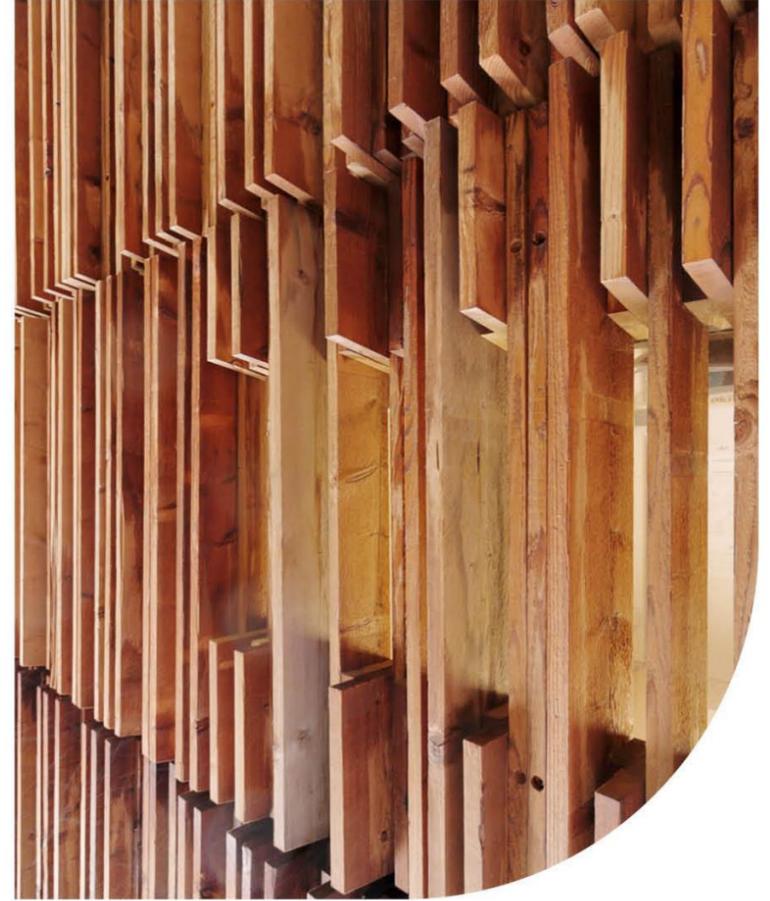
Spoeidercoat



Afvalbrengstation

A recycling centre made out of upcycled materials, in cooperation with Wessel van Geffen architecten

Spoorgebonden gebouwen pro rail



Traditional



Superuse methode

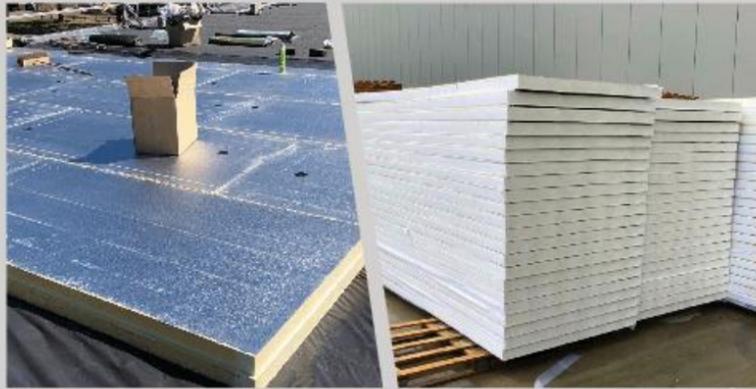




KEVN

A fully demountable semi-public facility for creatives and neighbours

Oogstkaart



Dakisolatie, Rotterdam



Aluminium stijlprofielen, Barendrecht



Funderingsstaal, Strijp-S, Eindhoven



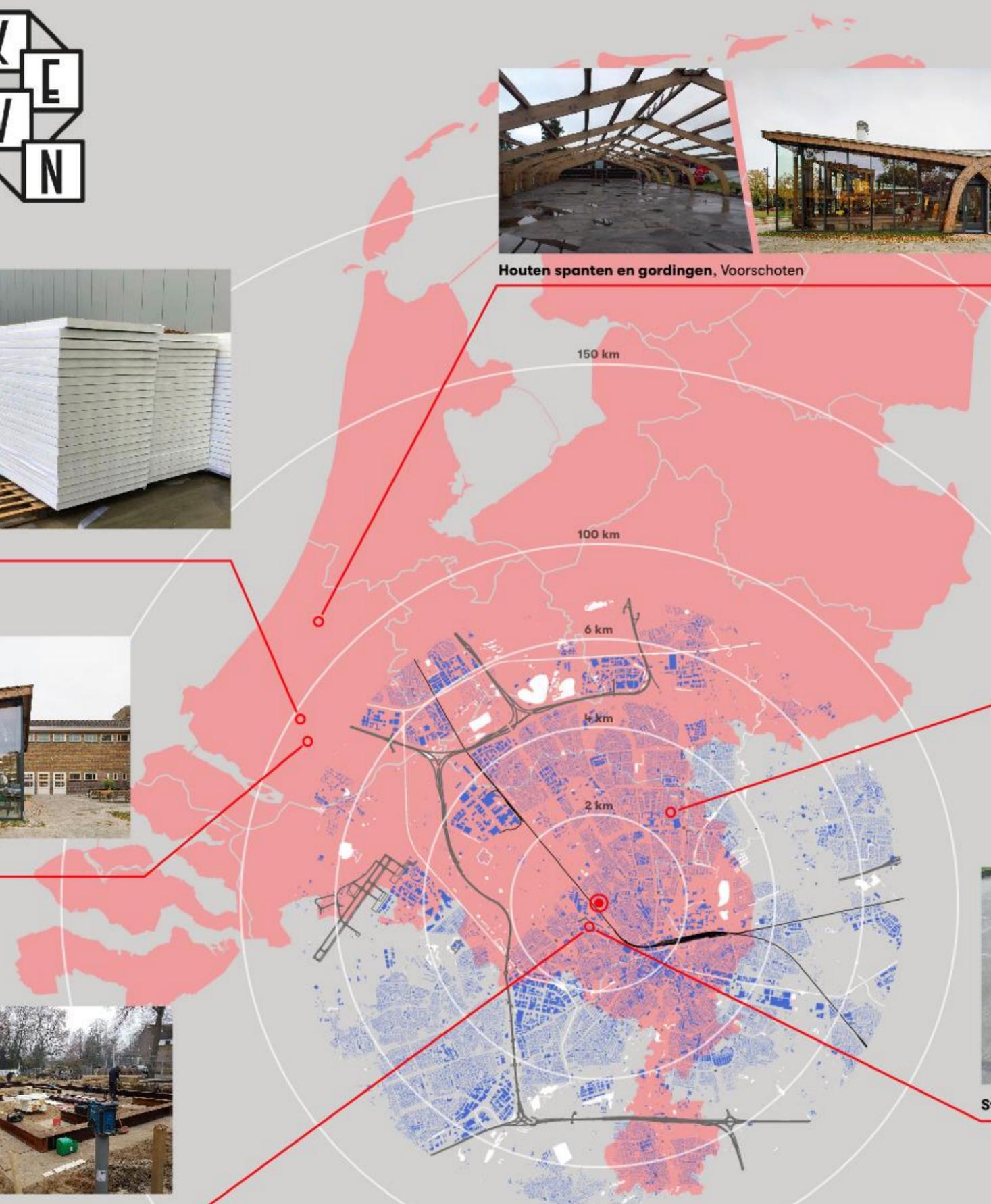
Houten spanten en gordingen, Voorschoten



Deuren, Eindhoven



Stelcon platen, Strijp-S, Eindhoven







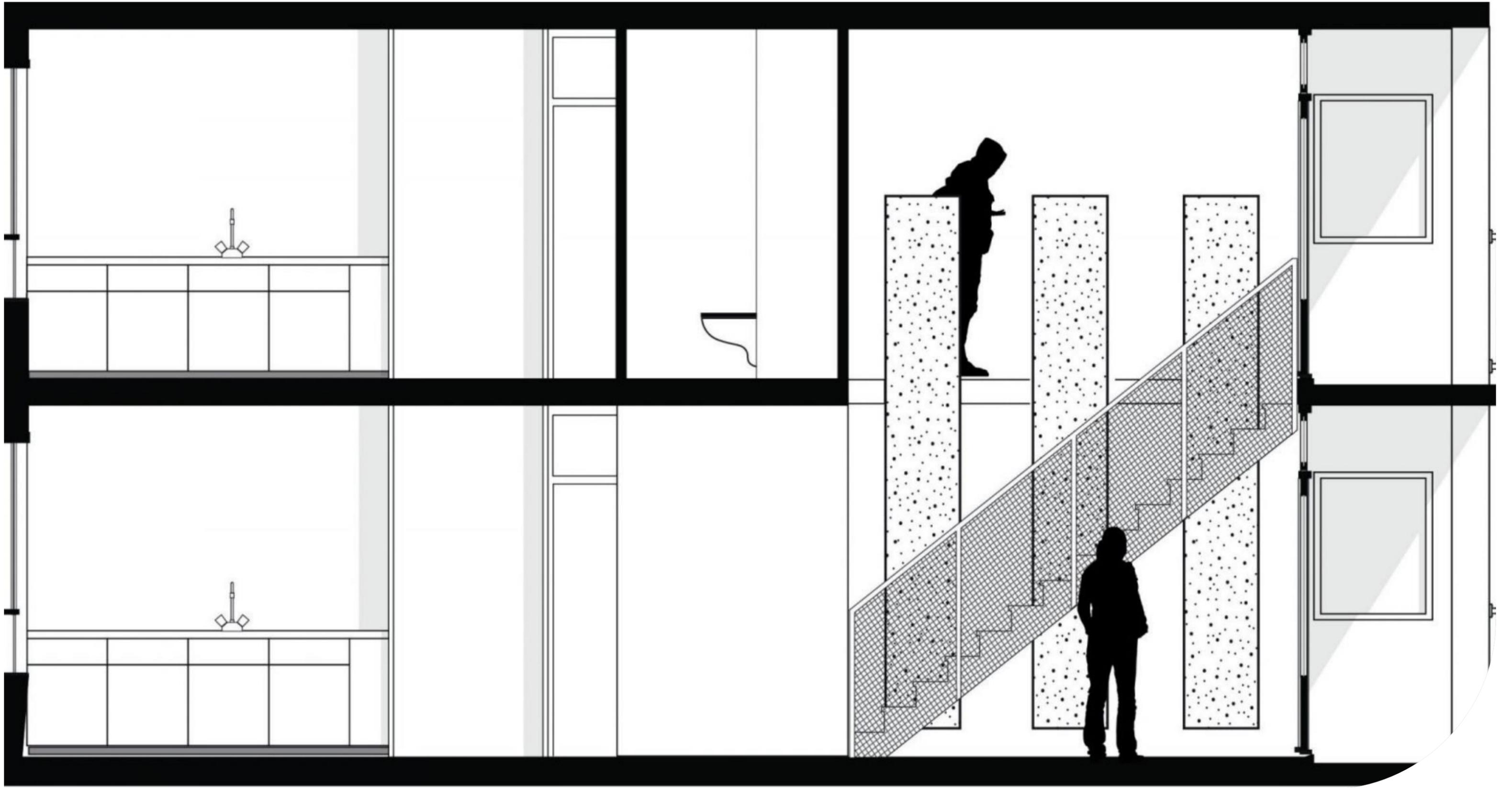




Heesterveld

Locatiefoto's







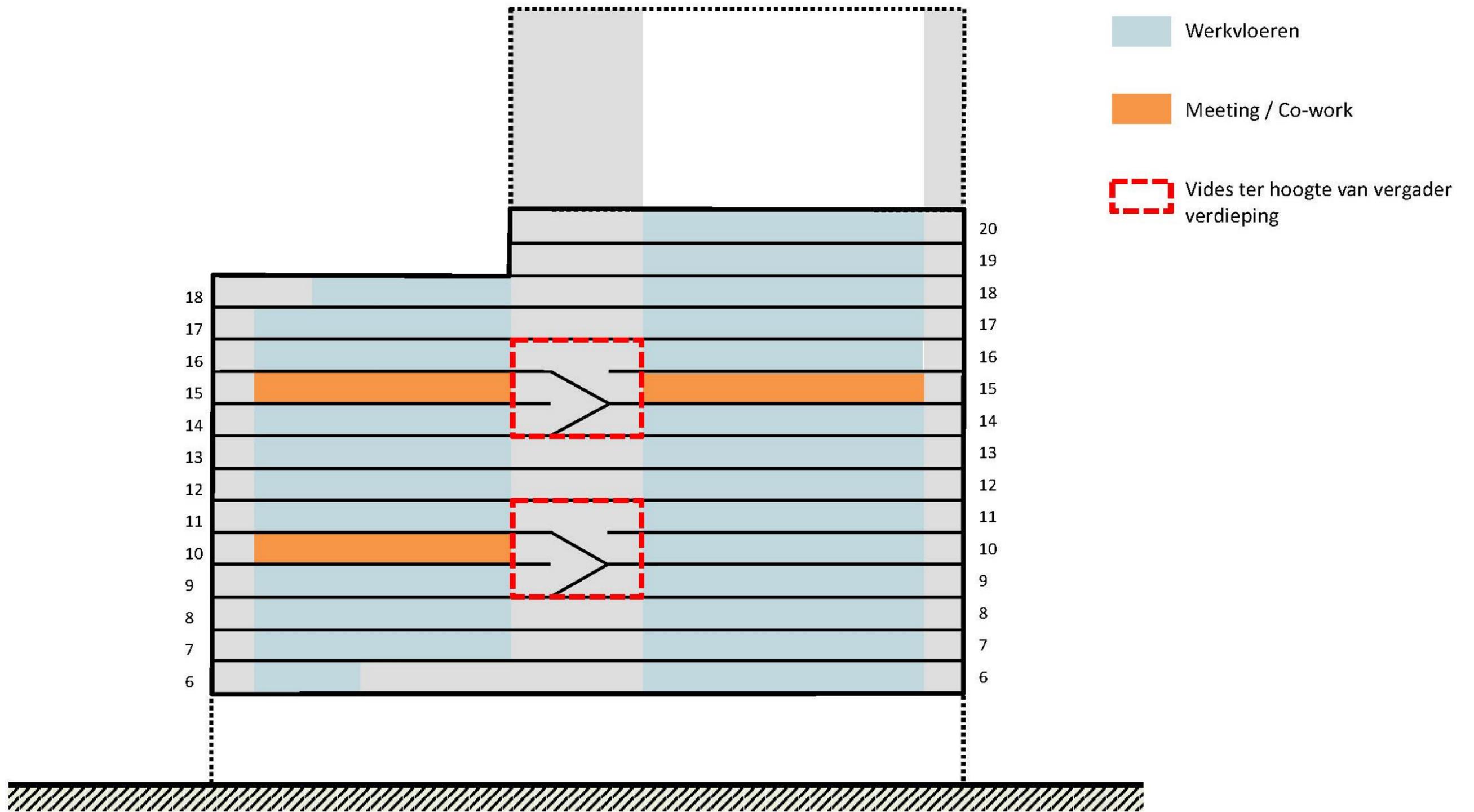


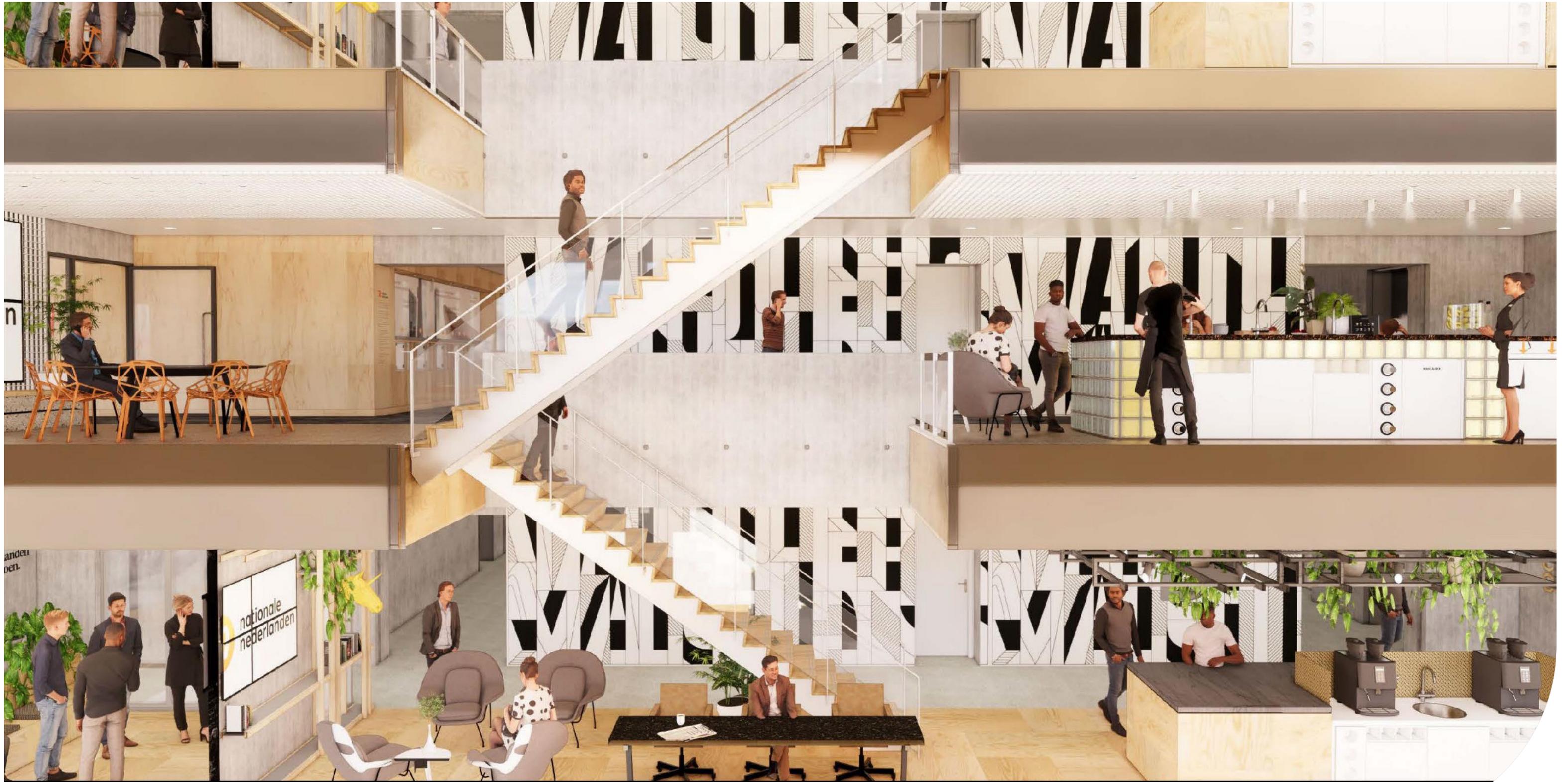




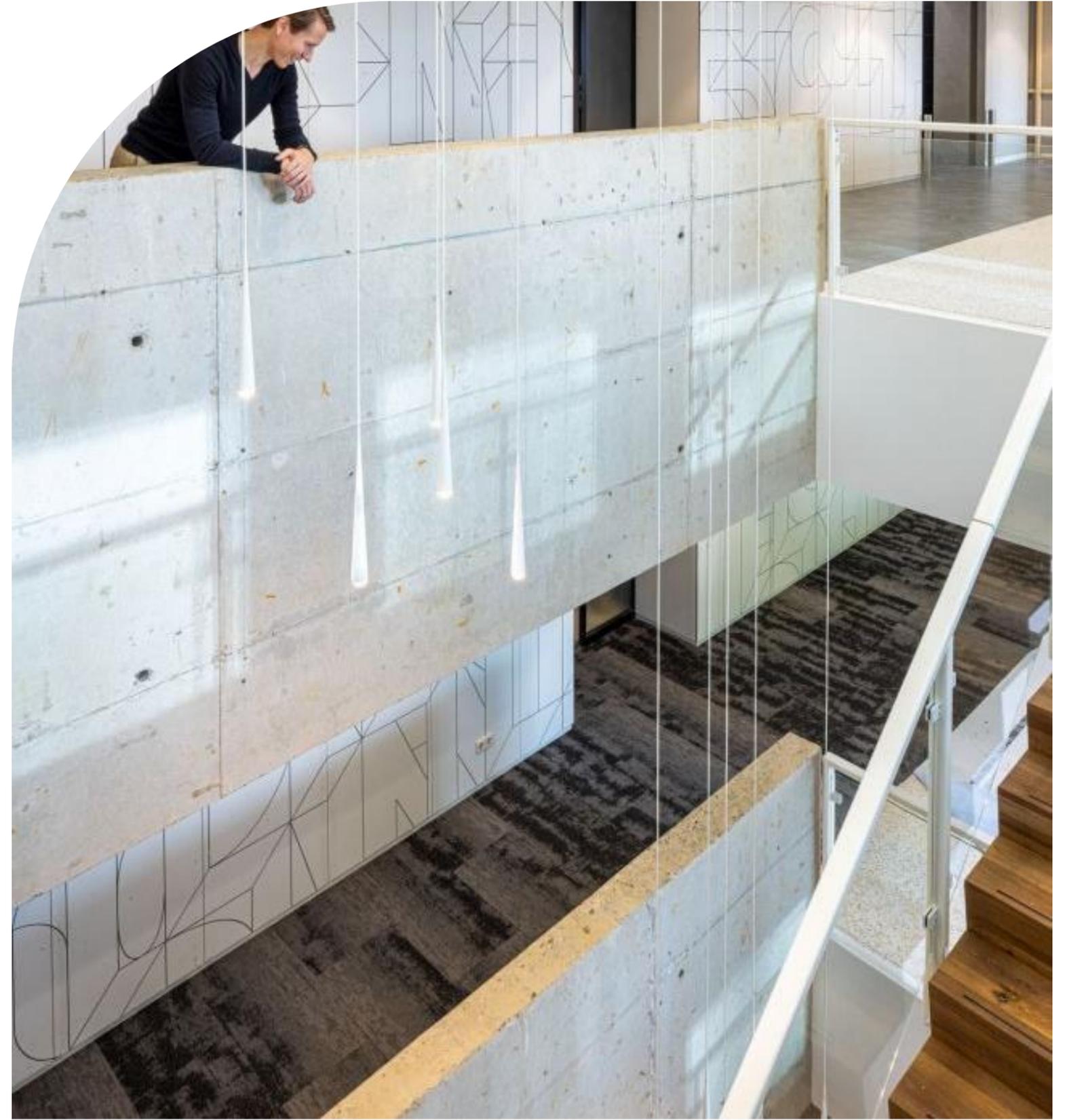








Impressie doorsnede







Thanks for your attention!

info@superuse-studios.com

Maasboulevard 100
(BlueCity), Rotterdam

