

DTFLR



Sustainable Architecture

Zagreb, 18 March 2025

This is how we live in 2035

A holistic view on sustainable
neighbourhood development

Focus on wood

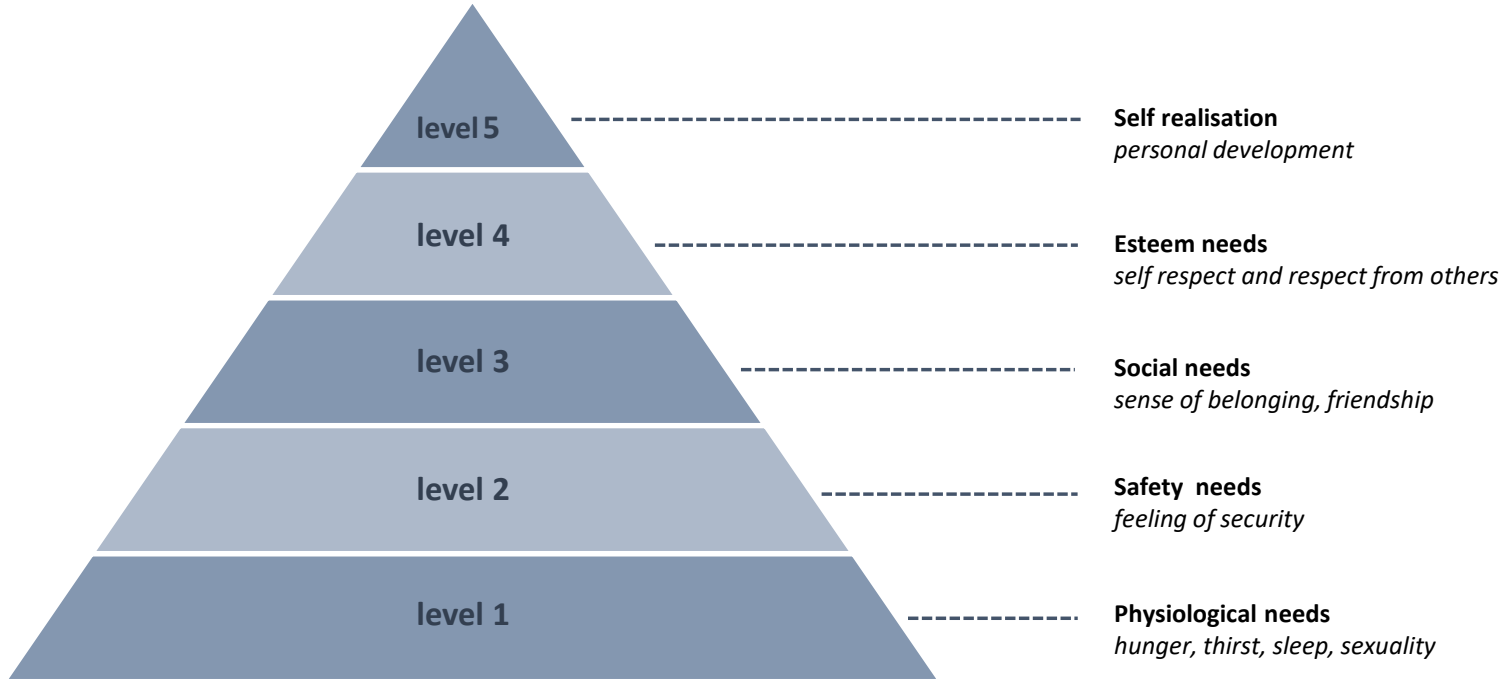
Sustainability

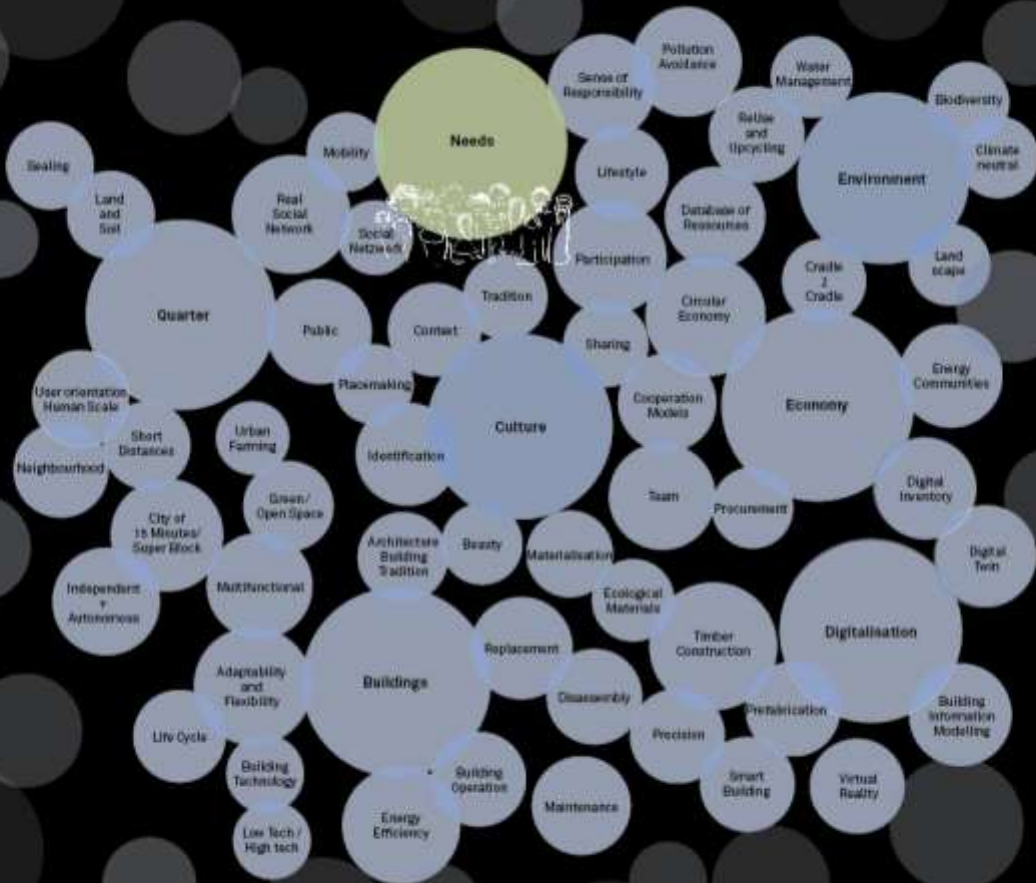


Needs

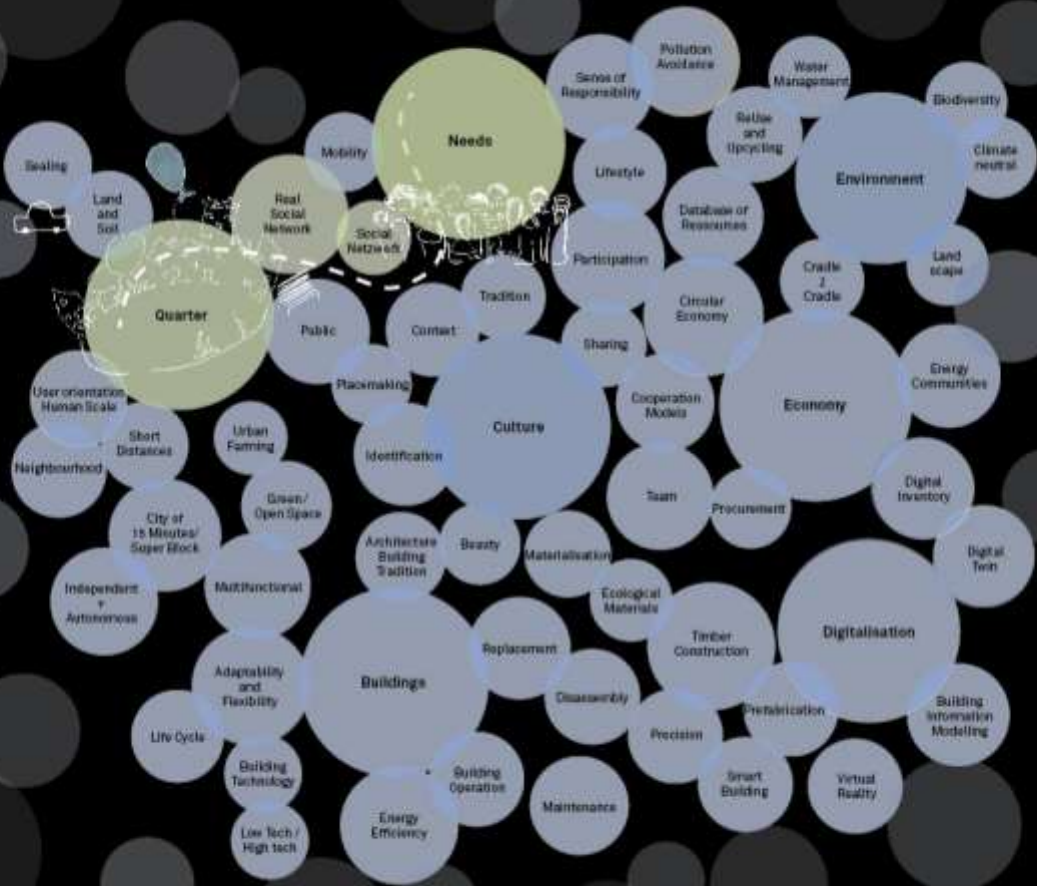
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Needs Pyramid











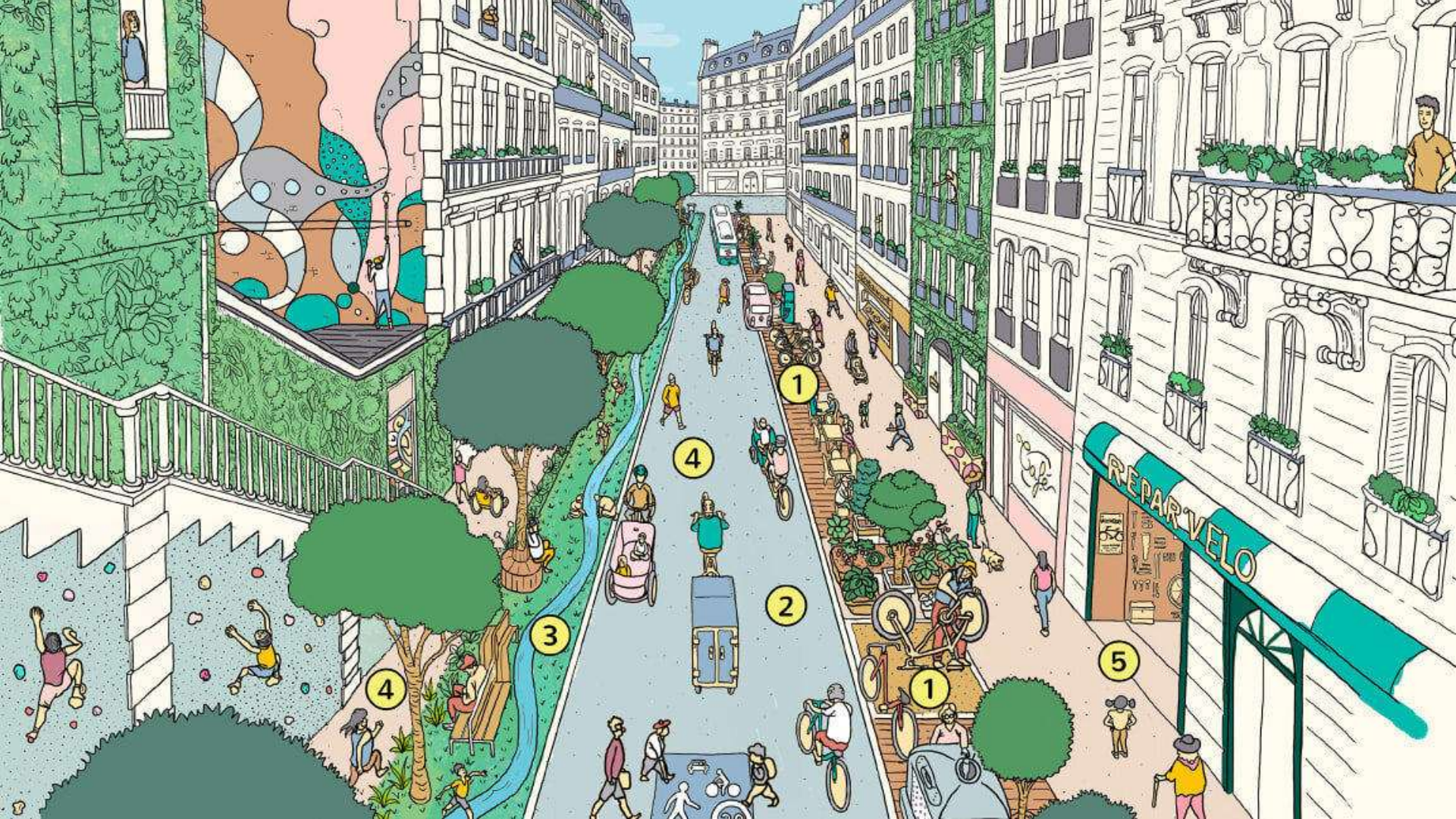






12
10000





1

4

2

3

4

5

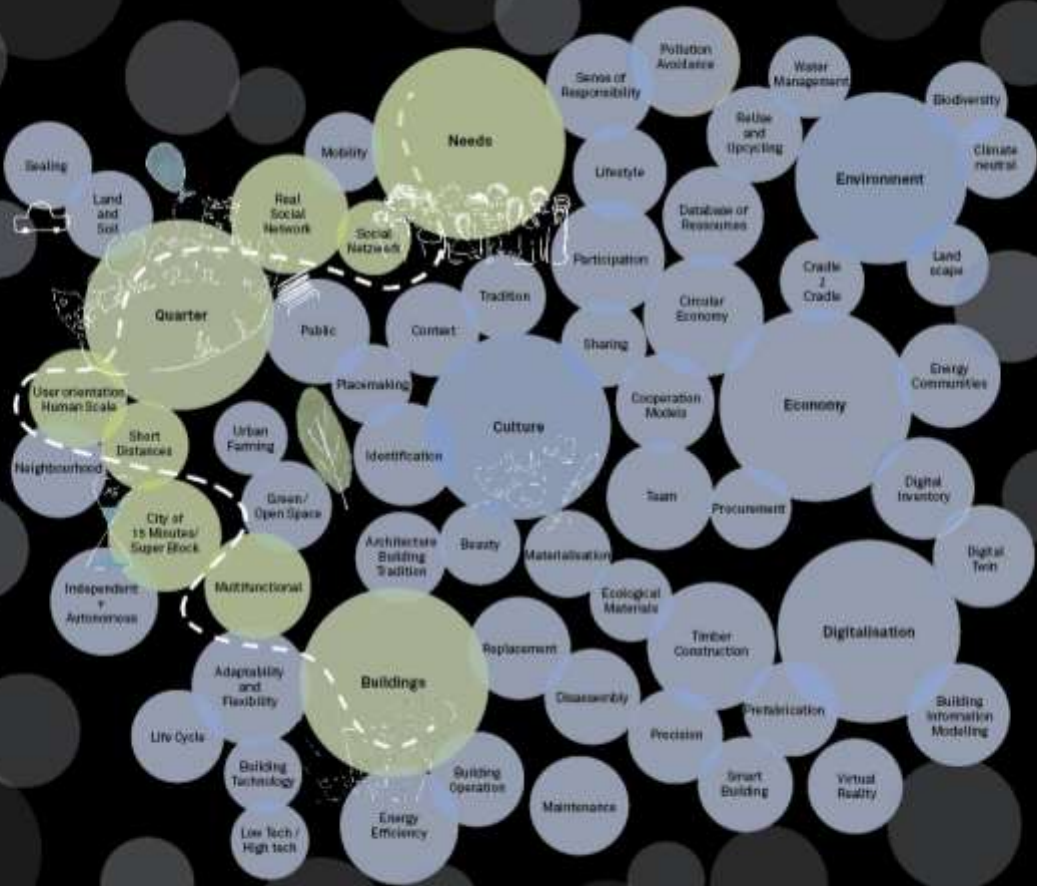
REPARVELO

DIETRICHUNTERTRIFALLER



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separability and ease for disassembly as
basic requirement

Timber Construction

DTFLR













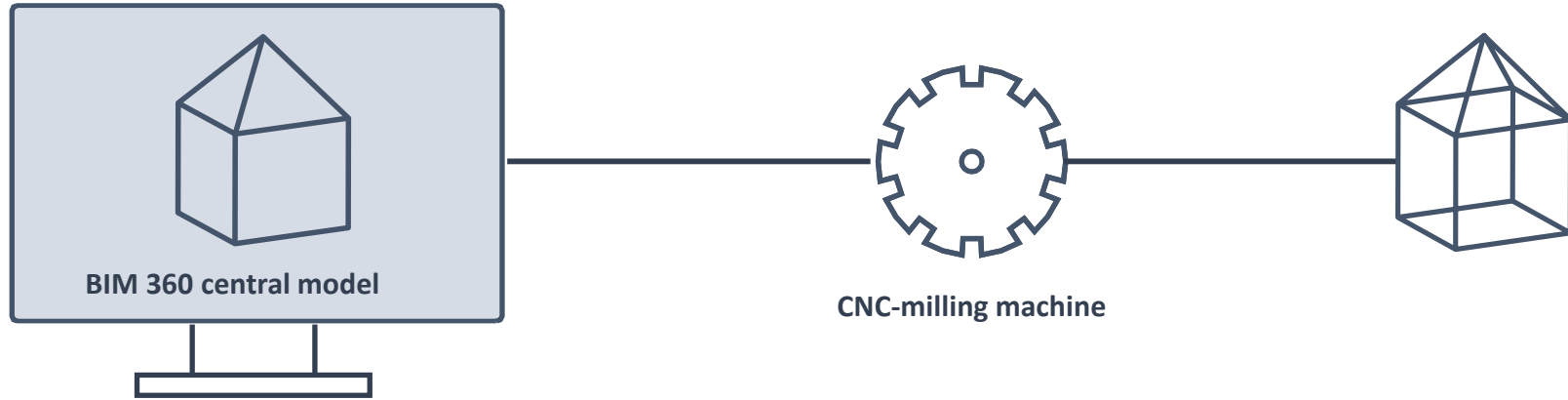
Hundegger
Speed-Panel
SPM2

Hundegger

Speed-Panel
SPM2



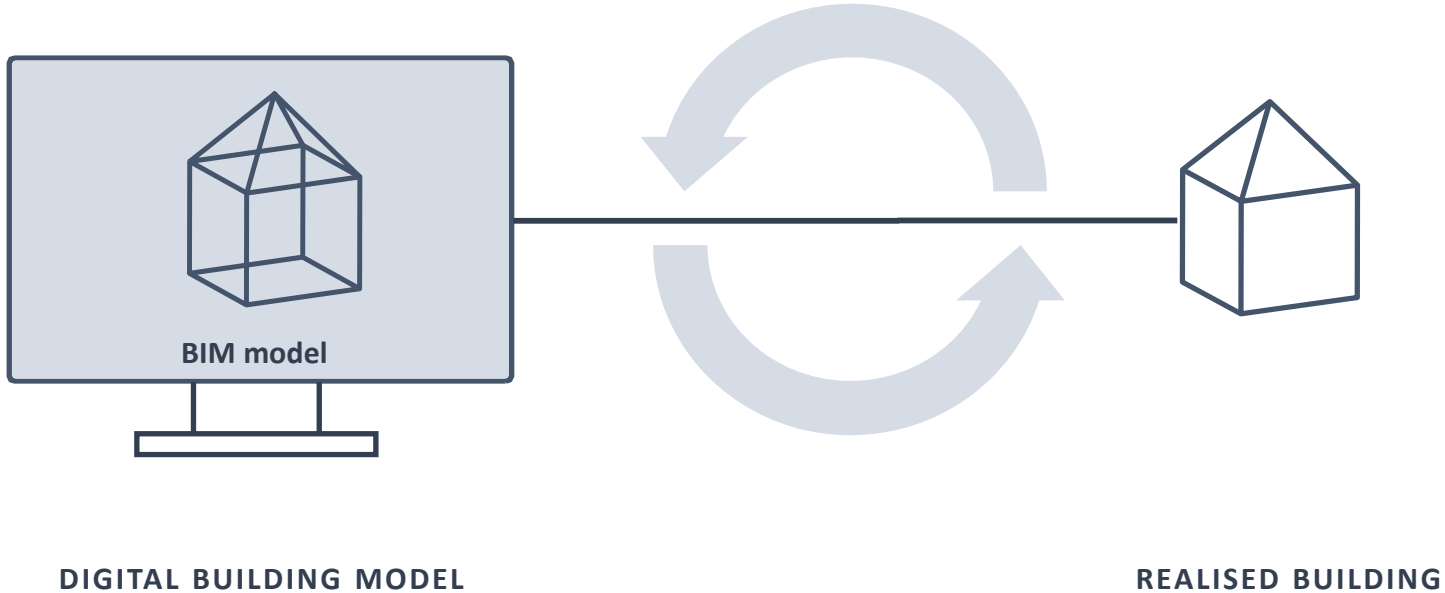
Digitalisation directly on site





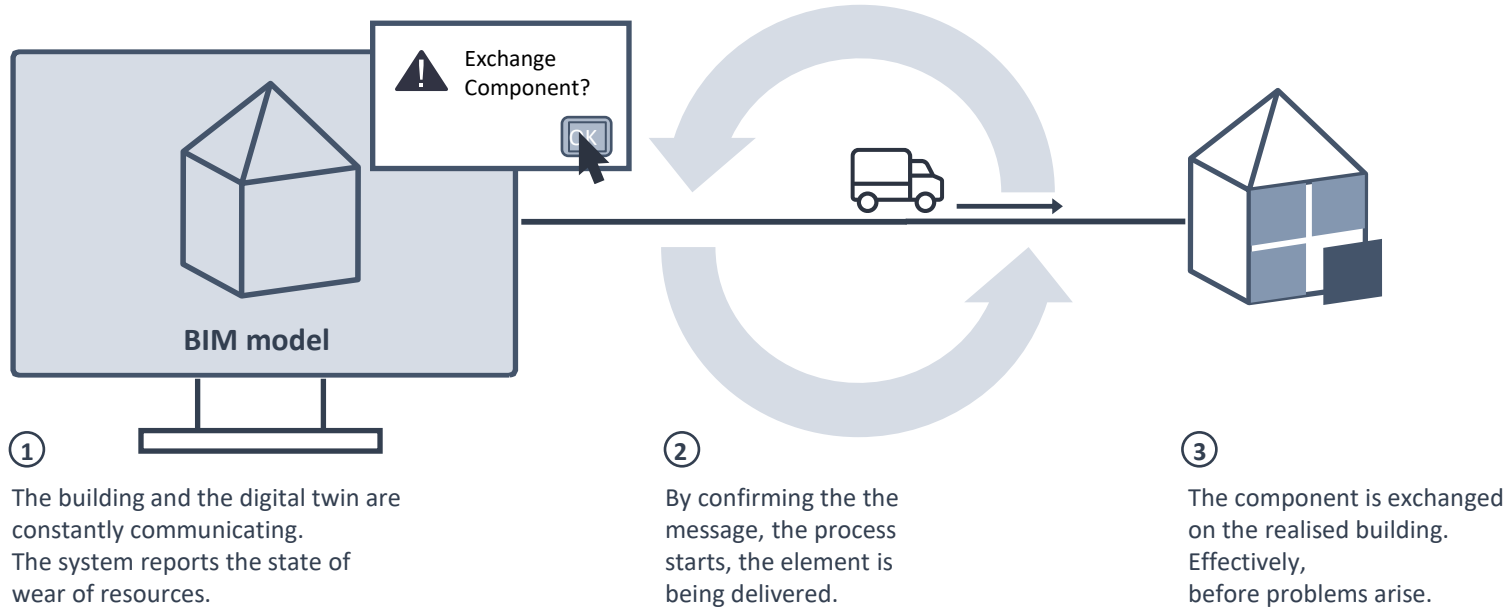
Future – new building

Ongoing synchronization during operation



Future – new building

Ongoing synchronisation during operation
proactive renovation and maintenance management



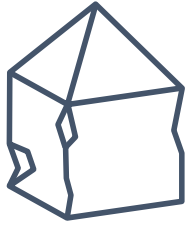


Existing buildings

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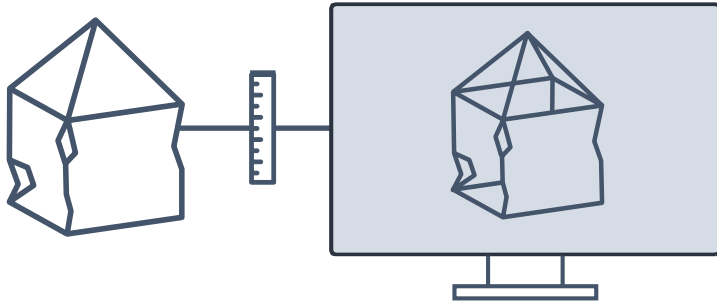


Renovation / revitalisation of existing buildings



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Renovation / revitalisation of existing buildings

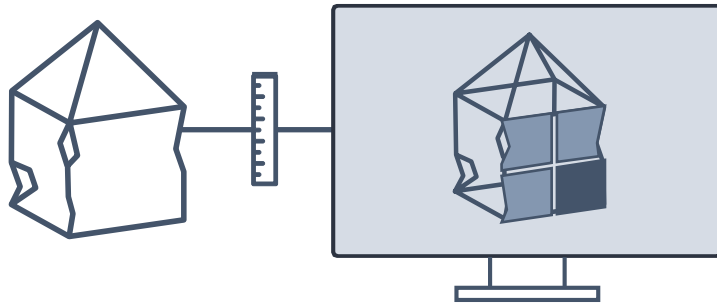


①

The building eligible for renovation is measured and a digital twin is created.

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Renovation / revitalisation of existing buildings



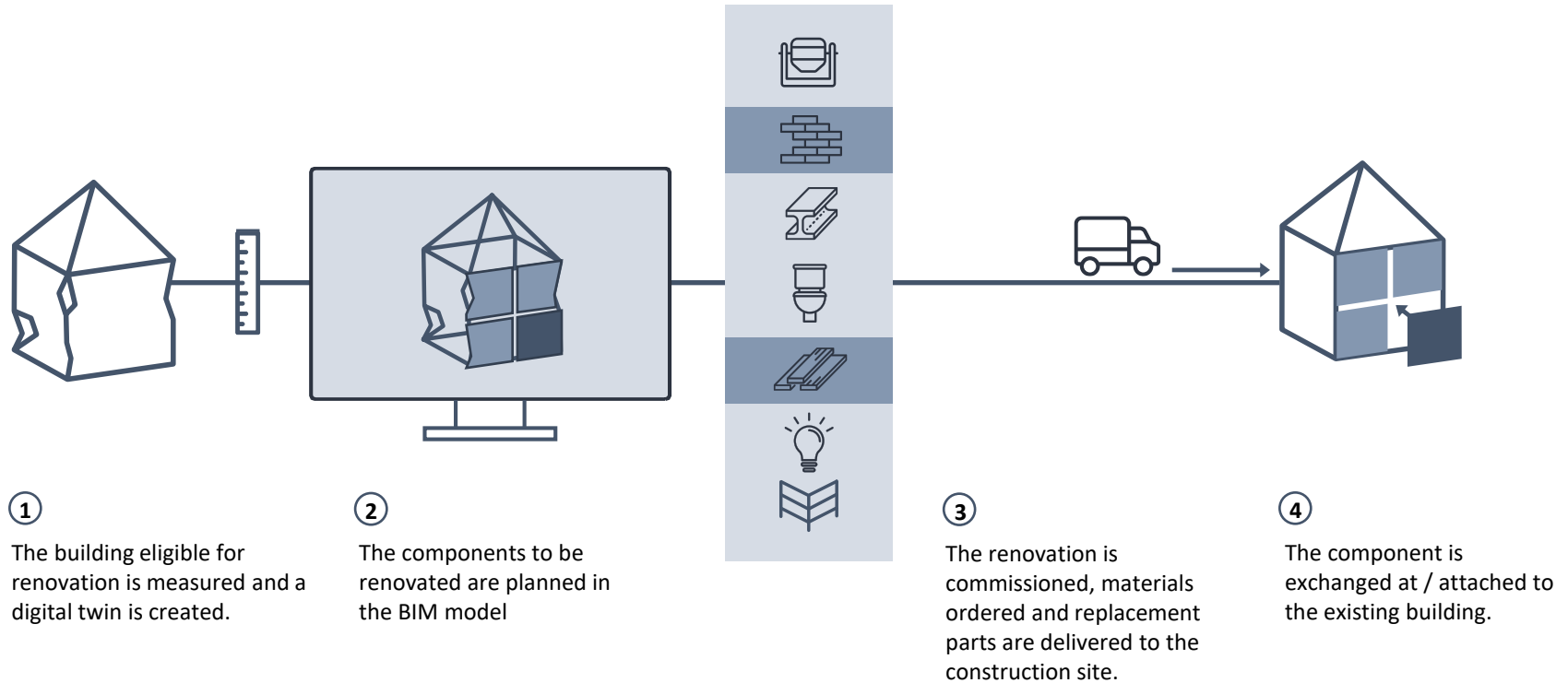
①

The building eligible for renovation is measured and a digital twin is created.

②

The components to be renovated are planned in the BIM model

Renovation / revitalisation of existing buildings

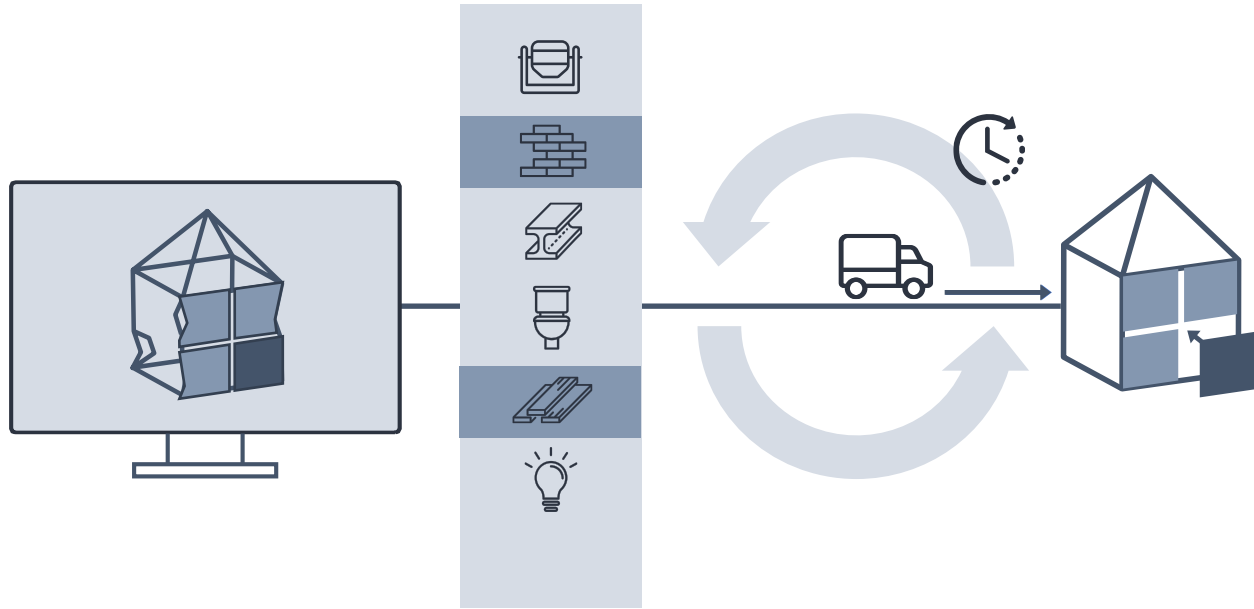






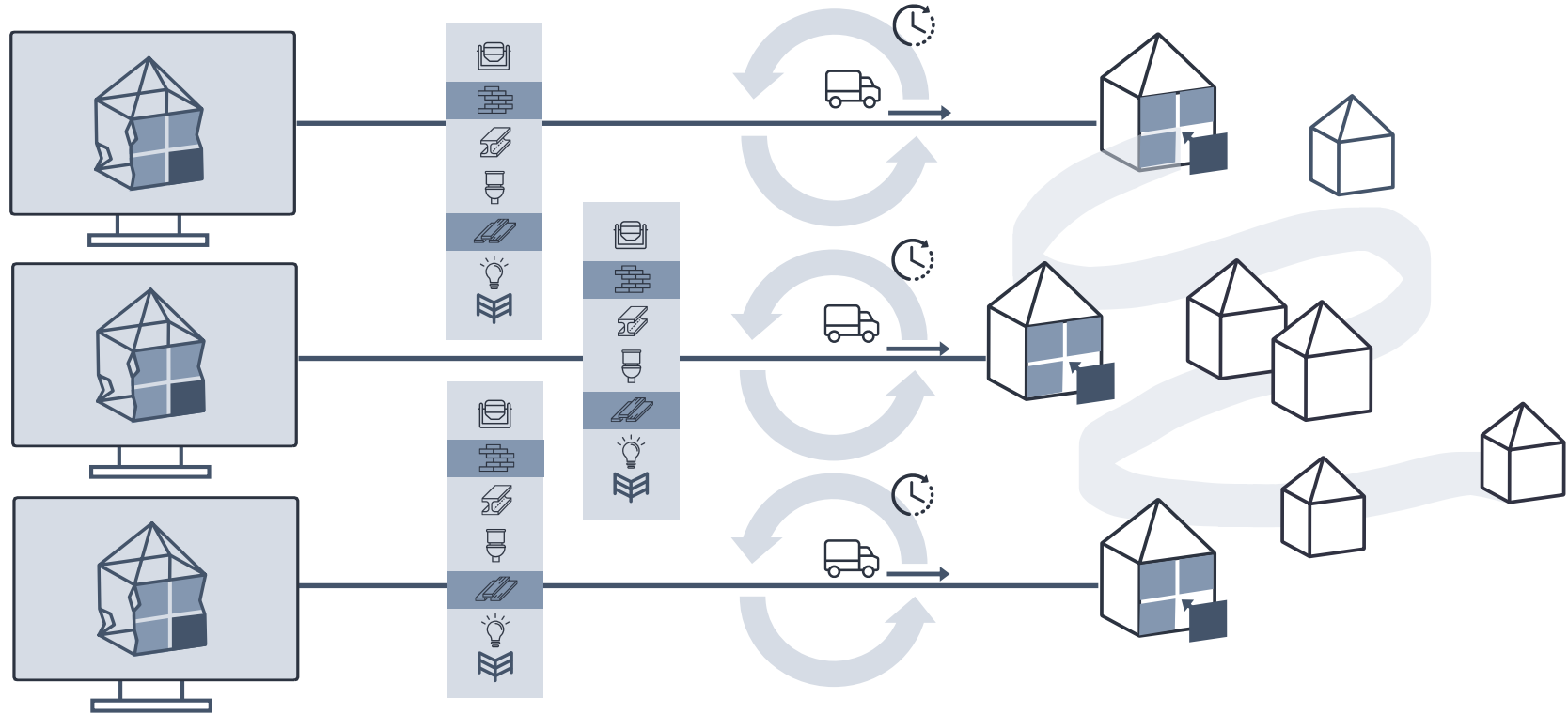
European Green Deal

Renovation / revitalisation of existing buildings



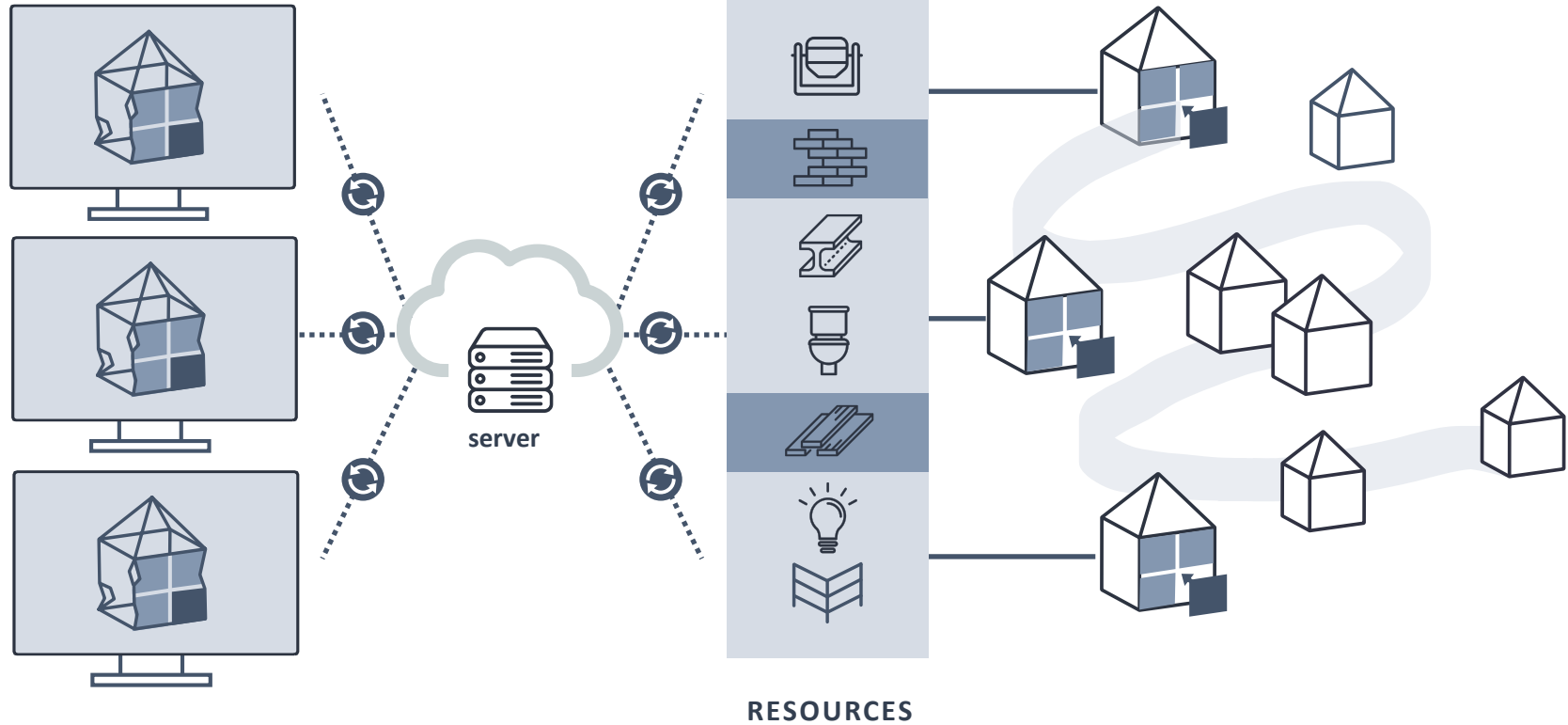
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Renovation / revitalisation of neighborhoods



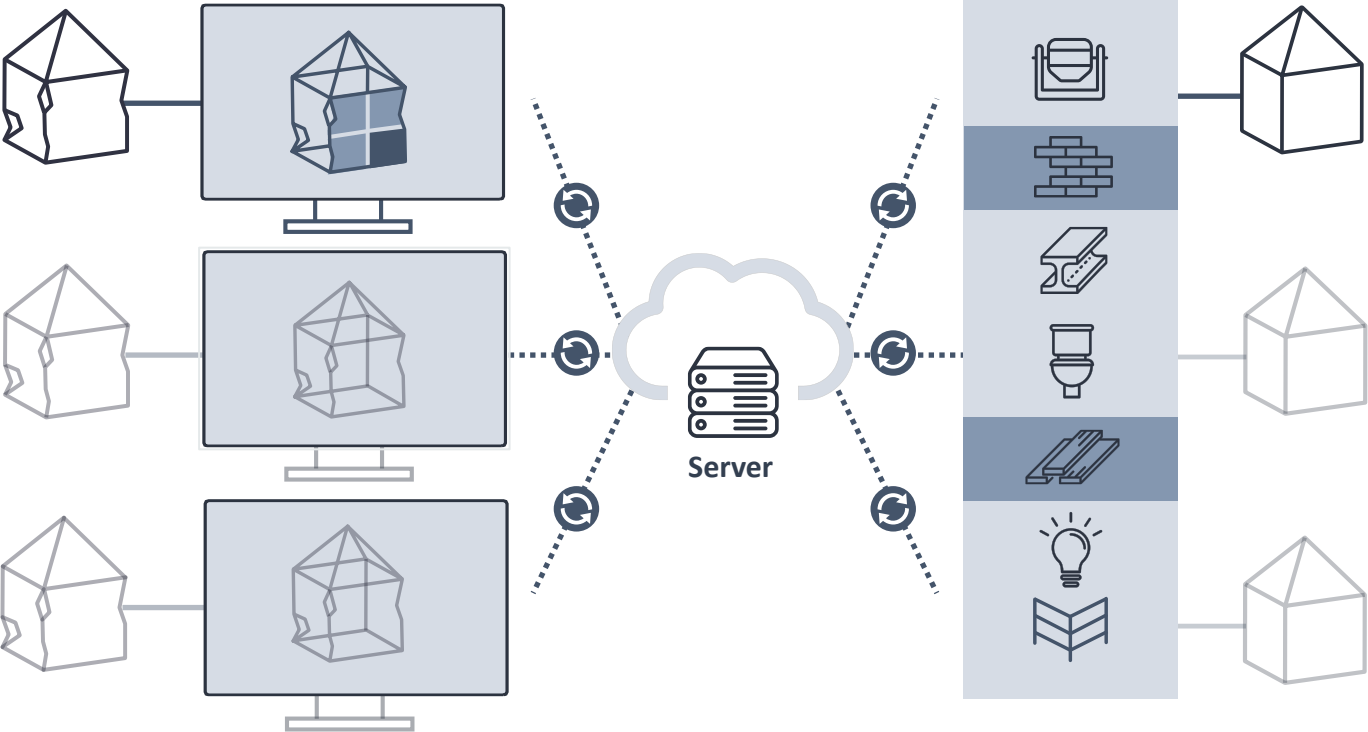
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Renovation / revitalisation of neighborhoods



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A network as an opportunity in neighbourhood development

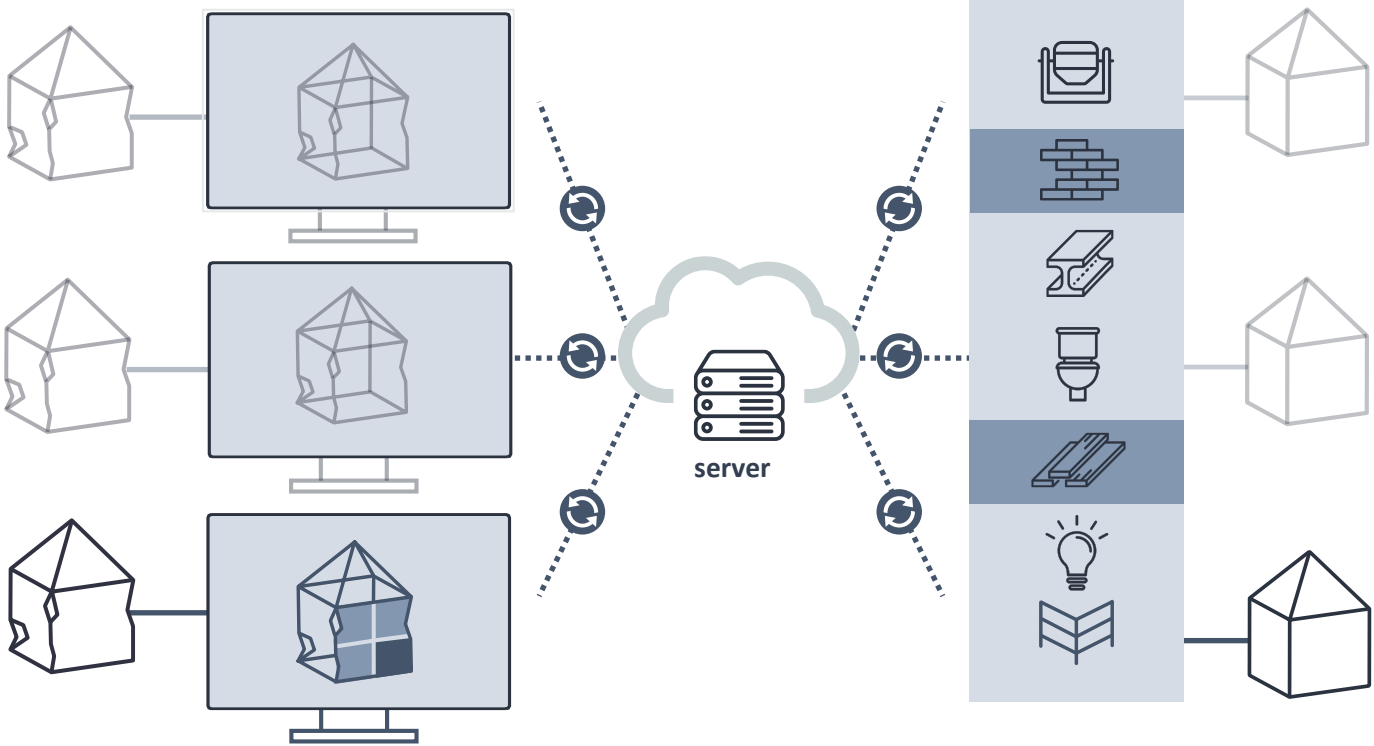


The renovation is planned in the BIM model → component → appears in the resource requirements

RESOURCES

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A network as an opportunity for neighbourhood development

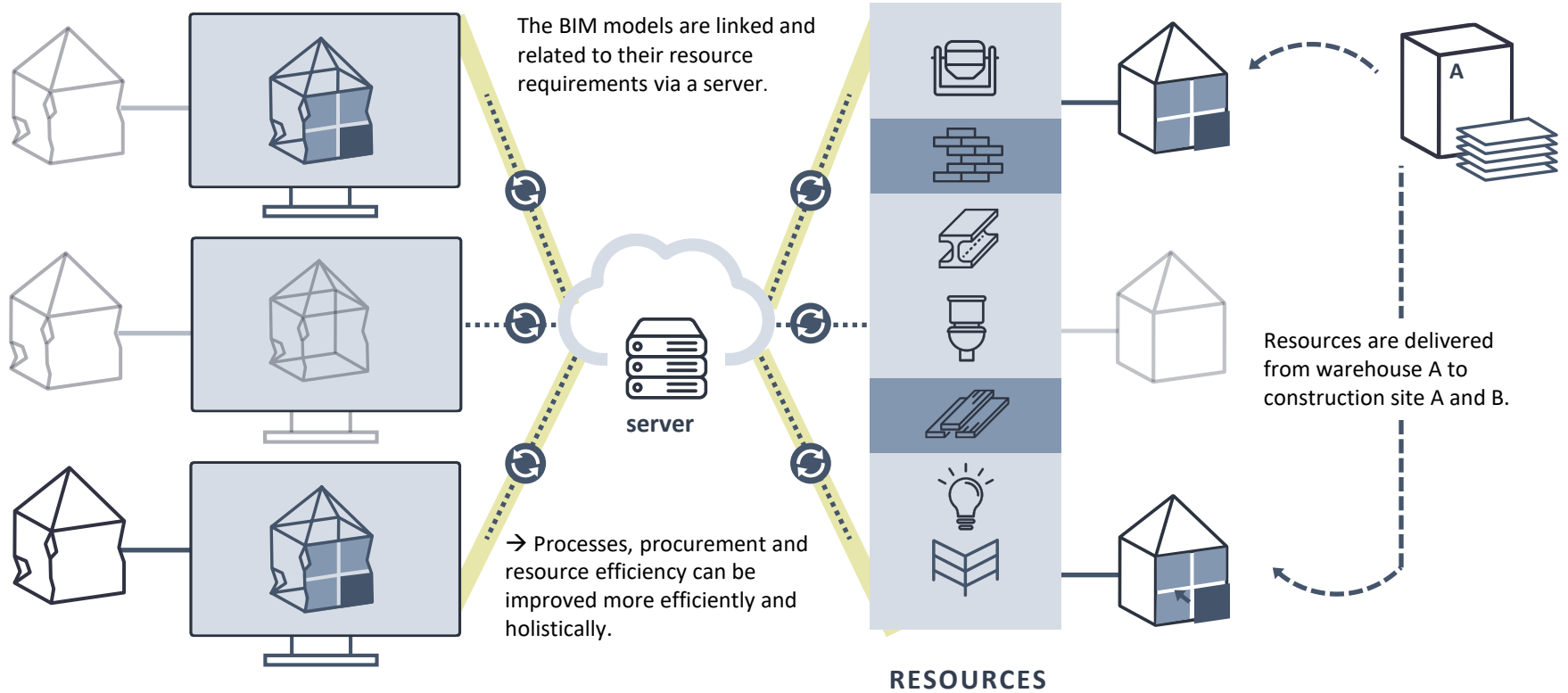


The renovation of house B is planned in the BIM model as well → component → appears in the resource requirements

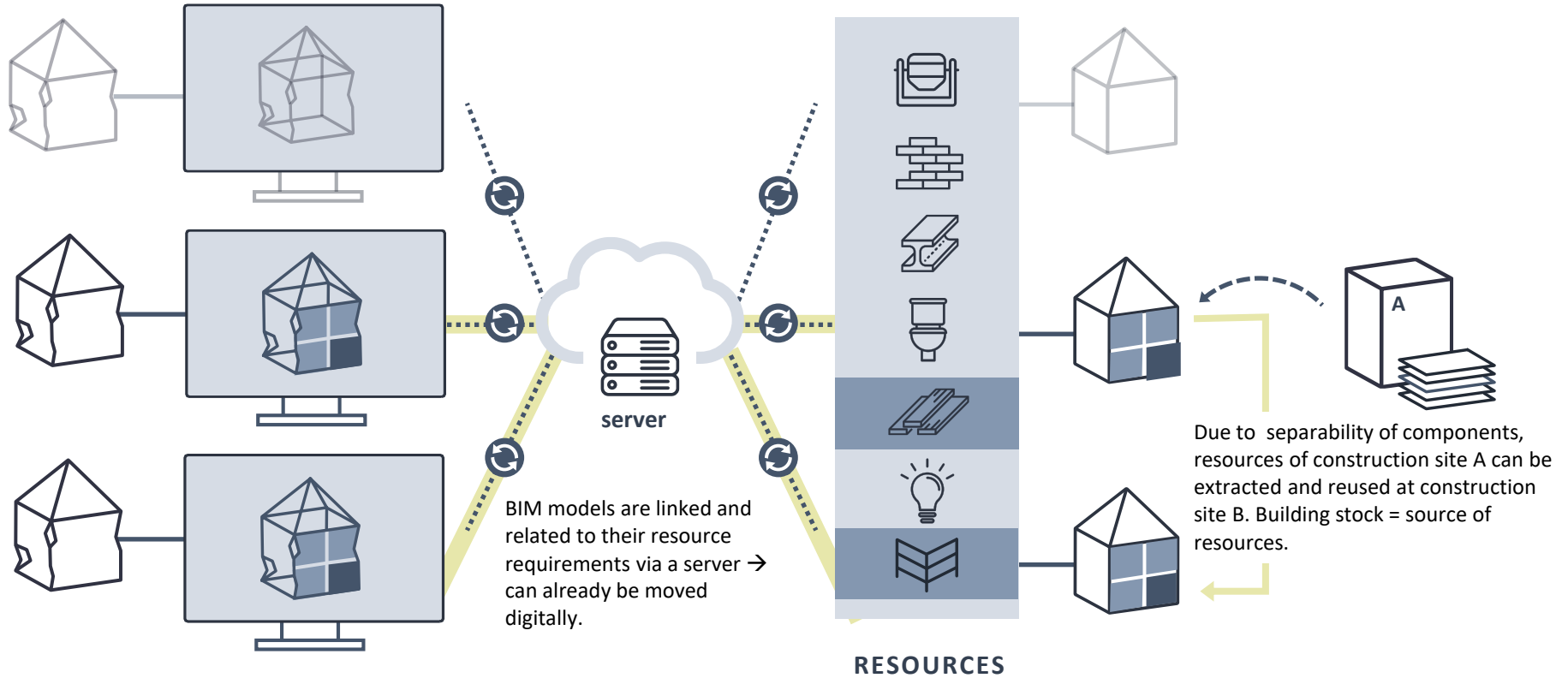
RESOURCES

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Renovation / revitalization of buildings



ReUse and upcycling – „new“ building instead of new build



ReUse / Upcycling:
„new construction“ with
existing materials

GRAĐEVINCI PRED KOLAPSOM

Gradevinari: Zbog podivljalih cijena građevinskog materijala mora intervenirati država!

Kubik daske skočio s 1250 na 3500 kuna. U pitanju projekti koji su lani prijavljivani za EU fondove, a materijal je u međuvremenu poskupio.



31. KOLOVOZA 2021. U 21:29



44 KOMENTARA



27347 PRIKAZA

**Upravo se čita...**

17













Nachhaltigkeit Plakat Globale Erde

USANA Green: Happy Earth Day

At USANA, we're committed to reducing our carbon footprint not just on Earth Day...

Irene Velazquez Be Green!



What would happen if all the world's trees...

As the Amazon fires continue to burn, Rachel Hunter asks how dependent are...

Tess Nielson Gentle Living



Glückliche Gedanken Grüne Produkte

art,poster,typography-26314df7f8e67c0c41e...

Explore KarlaG211's photos on Flickr. KarlaG211 has uploaded 65 photos to...

Capriolina Earth



Kindergarten Basteln Umweltschutz

40 save environment posters competition...

In this article, we will look at art with a purpose and that too a noble one, which...

Gayle TREE HUGGER FAM



Wetter Jahreszeiten Plastik im Meer

Hands Holding The Green Earth Globe wit...

Illustration of Hands Holding The Green Earth Globe with tree. (vector) Illustration...

Elenka ezozoria



Umwelt Und Kunst Kreative Werbung

Bored Panda

Bored Panda is a leading art and pop culture magazine which is viewed nearly...

Maxine Smith Girl Scouts

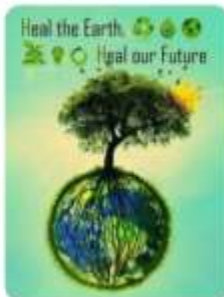


Klimawechsel Kreative Werbung T

Julie Starr on Twitter

'Every time I see an adult on a bicycle I no longer despair for the future of the hema...

Monique Niderost Robinson Run with Me - Bicyding



Klimaschutz Umweltschutz Mutter

Skin by Nature - Natural Skin Care...

Skin by Nature is your all-in-one shop for natural skin care products, including sta...

Lumpkinella Earth



Motivieren Tipps Nachhaltigkeit

Your Case for Monthly Giving Success



Logo Ideen Umweltschutz Haus De

Environmentally Friendly Tree Formed ...

Find Environmentally Friendly Tree Formed By icons stock images in HD and millions...

Chelsea Willis vinyl shirts



Schwarz Oh Grafiken Bilder Buch

Posters For GOOD

the tree is like human life.

Anja Wegrzyn Advertising



Was ist Nachhaltigkeit? Stellenausschreibung

Nachhaltigkeit fängt bei Organisationen an,

deshalb wollen wir in unserer 3. Markenstudie erfahren, wo in...

Dietrich Identity Nachhaltigkeit

Ähnliche aktuell beliebte Ideen

Andy Goldsworthy

Landeskunst

Bildhauer



Nachhaltigkeit Schreibthemen Nat

Sustainable Development Essay |...

Sustainable Development Essay Sustainable development is a road map, ...

May Hershkovitz Rashed Sustainability



Umwelt Und Kunst Geschenk Schwere

save water 2 by serso on DeviantArt

save water 2 by serso on DeviantArt

Mariela Rivera Designsprator



Klimaschutz Umweltschutz Kreativ

Mad as a Marine Biologist

earthhaus: " Nice design - Earth Hour Global "

Dolin Anastasia Nachhaltigkeit



Nachhaltigkeit Projekte Wiederren

Reduce Your Ecological Footprint | Climate...



Klimaschutz Umweltschutz Kunst I

We are Drying Out

Facebook / Türkei / Society 0

Alexis Mahoney art



Nachhaltigkeit Industrielles StB StB

Educating Students on the Psychology of...

Humans' impact on the environment is one of the most pressing social issues...

Chris Krüger Nachhaltigkeits Klimawandel Fotos



Logo Ideen Umweltschutz Nachh

Download Protect The Environment Vector f...

Discover thousands of free-copyright vectors on Freepik



WE DON'T
HAVE TIME

STOP

KLIMA
SCHÜTZEN
#LIKE
A BOSS

PLANET B
SO FARAWAY
I CAN'T SEE IT

WHILE the WA
and the WORL
SEAS & the C
- Krietzcall

Die Gier nach
Profit zerstört
unsere Erde

SAVE
THE
WORLD

WENIGER ist
MEHR
Spezies!

KlimaSchutz

KEINE
KOHLE,
KEIN
ATOM,
SONDERN
NUR WIND
OKO
STROM

DEINE
MUDDA

money money
not
climate.kiev

Hand-drawn eye with Earth as the iris

