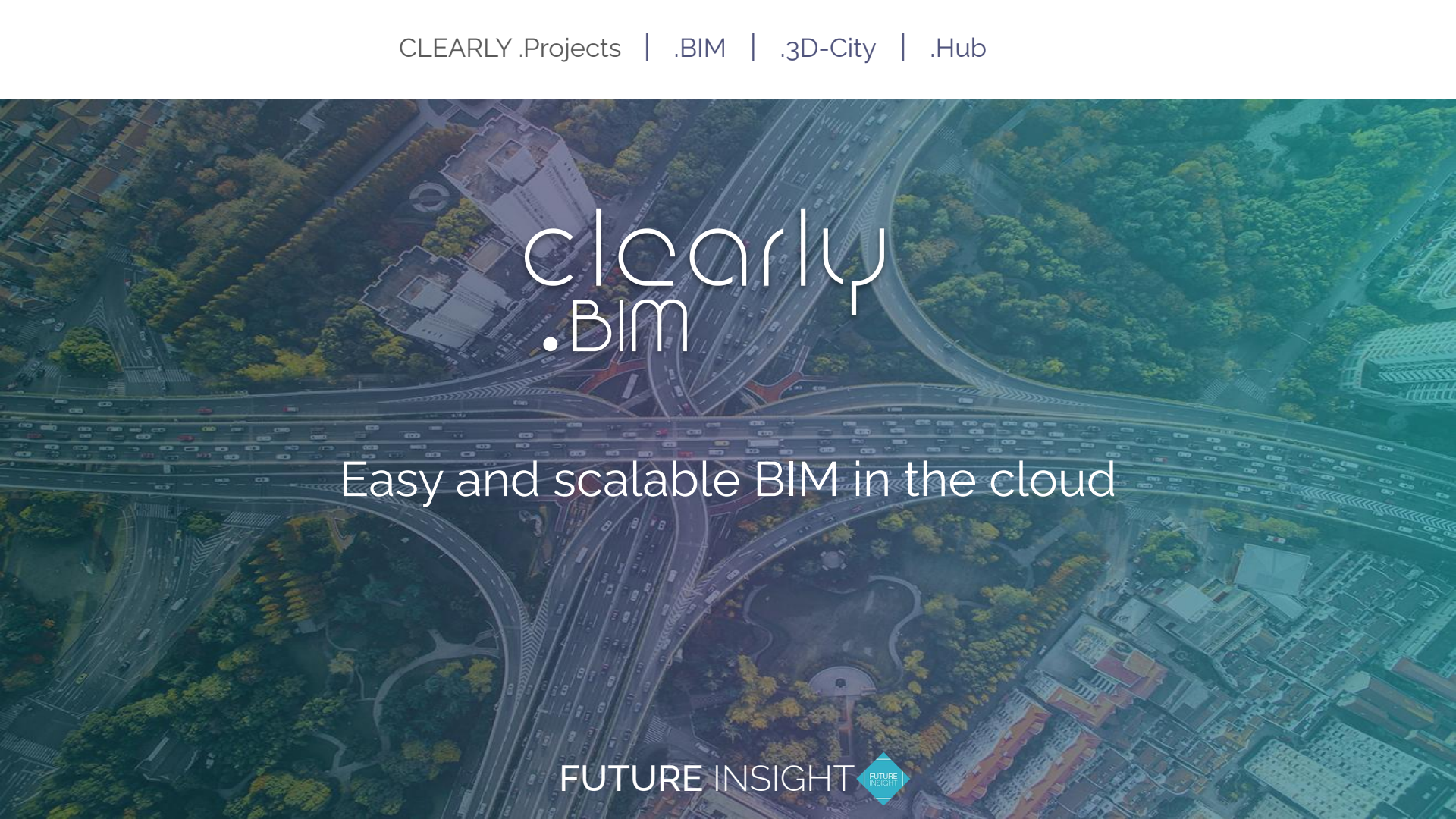




clearly
BIM

Easy and scalable BIM in the cloud

FUTURE INSIGHT





|Future Insight

"Future Insight believes that smart collaboration with the right tools makes projects successful"

- Founded in 2014 in the Netherlands
- Based in Zwolle
- Develops smart open online software platforms
- Uses international open standards

Vision

Shaping the future world of collaboration by transforming how people work together in a connected world

Mission

Develop & implement software, providing people who work on projects in the living environment with the right information



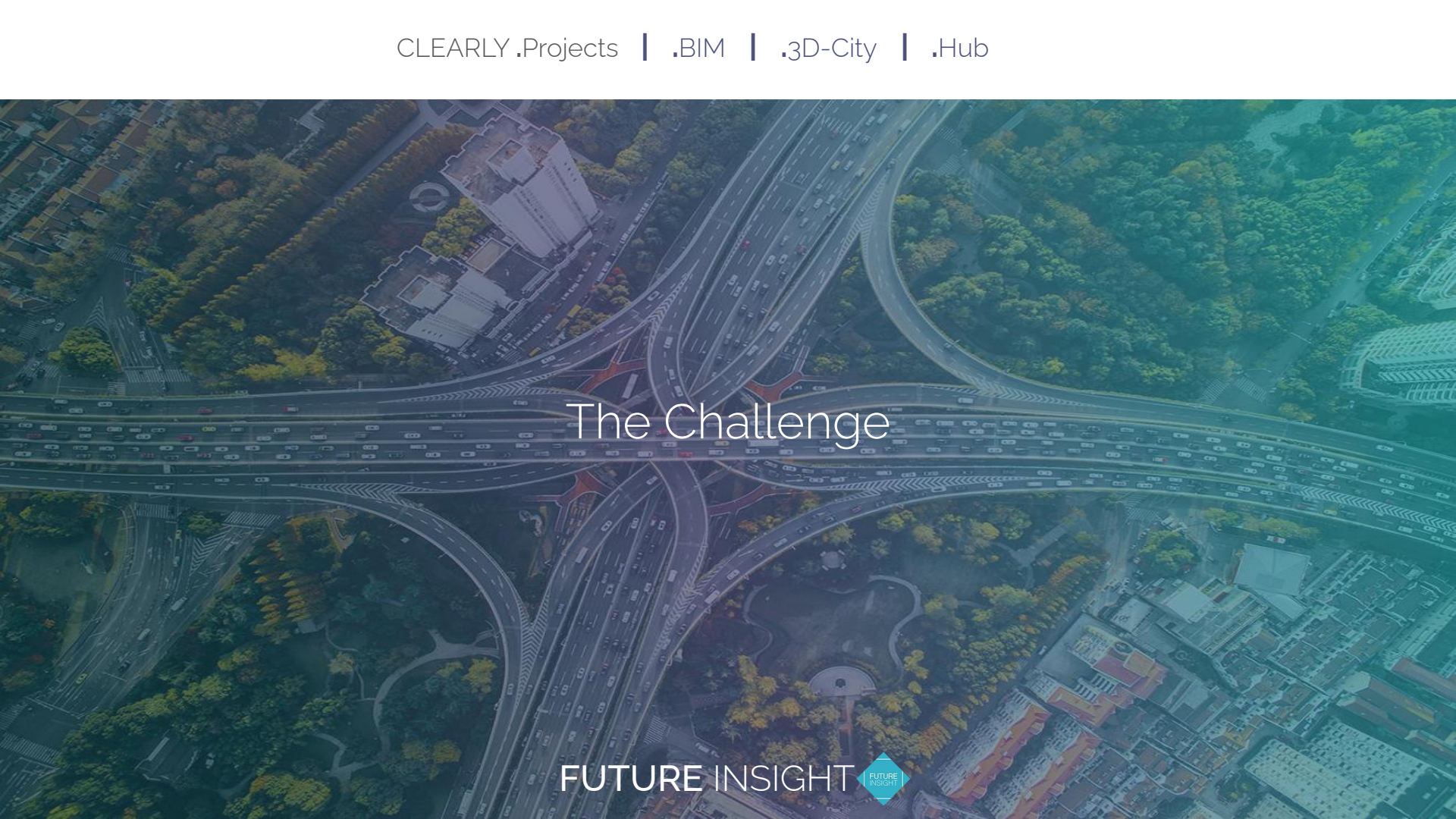
**FUTURE
INSIGHT**

FUTURE INSIGHT



Team



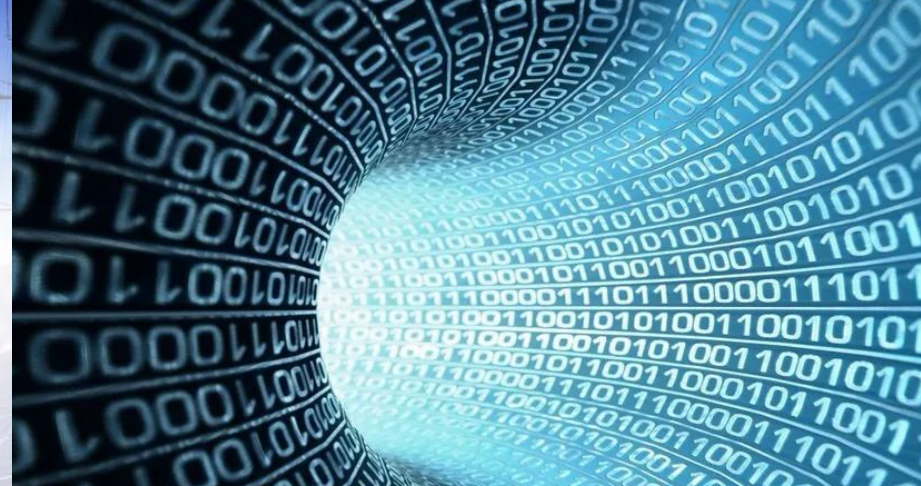


The Challenge

FUTURE INSIGHT



Challenges



Taking Advantage of Data

Data is the new oil...

"You need to find it, extract it, refine it, distribute it and monetize it!"

BIM = DATA

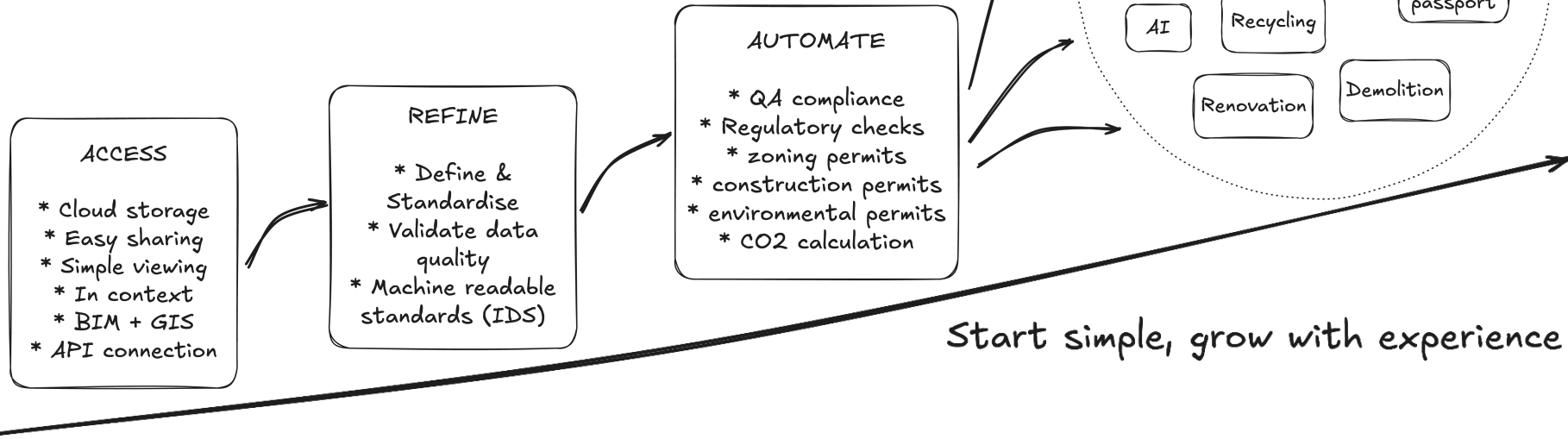
How to make your BIM data more accessible, refined and distributed?

Where to start???



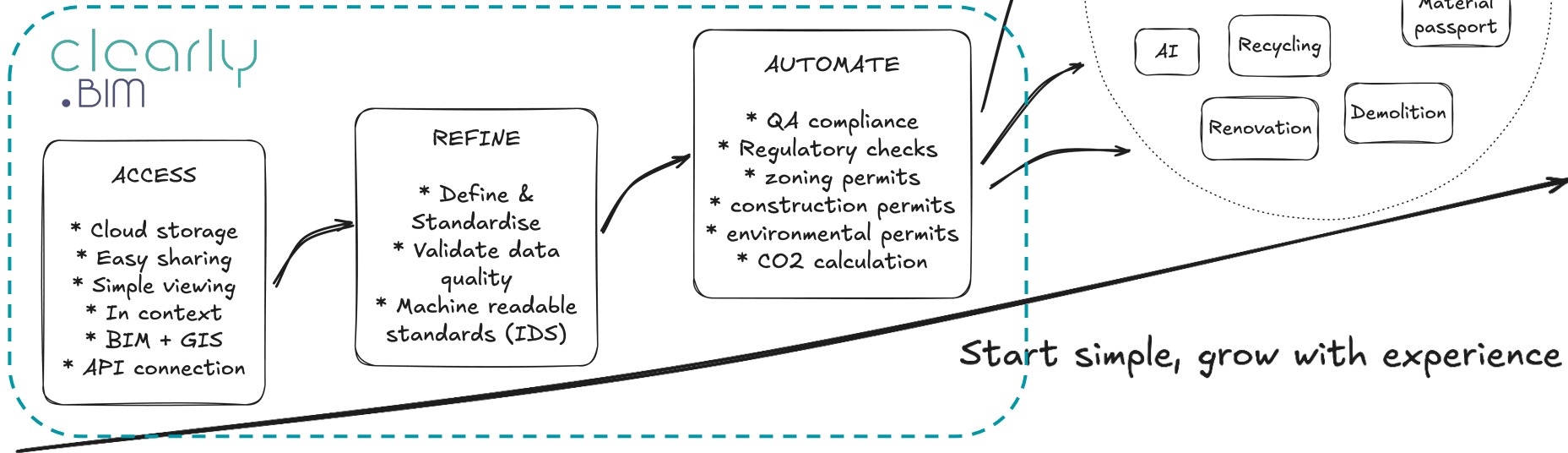
How to Take Advantage of BIM Data

Unlock the full potential of BIM data throughout all building lifecycle processes with a more holistic platform approach



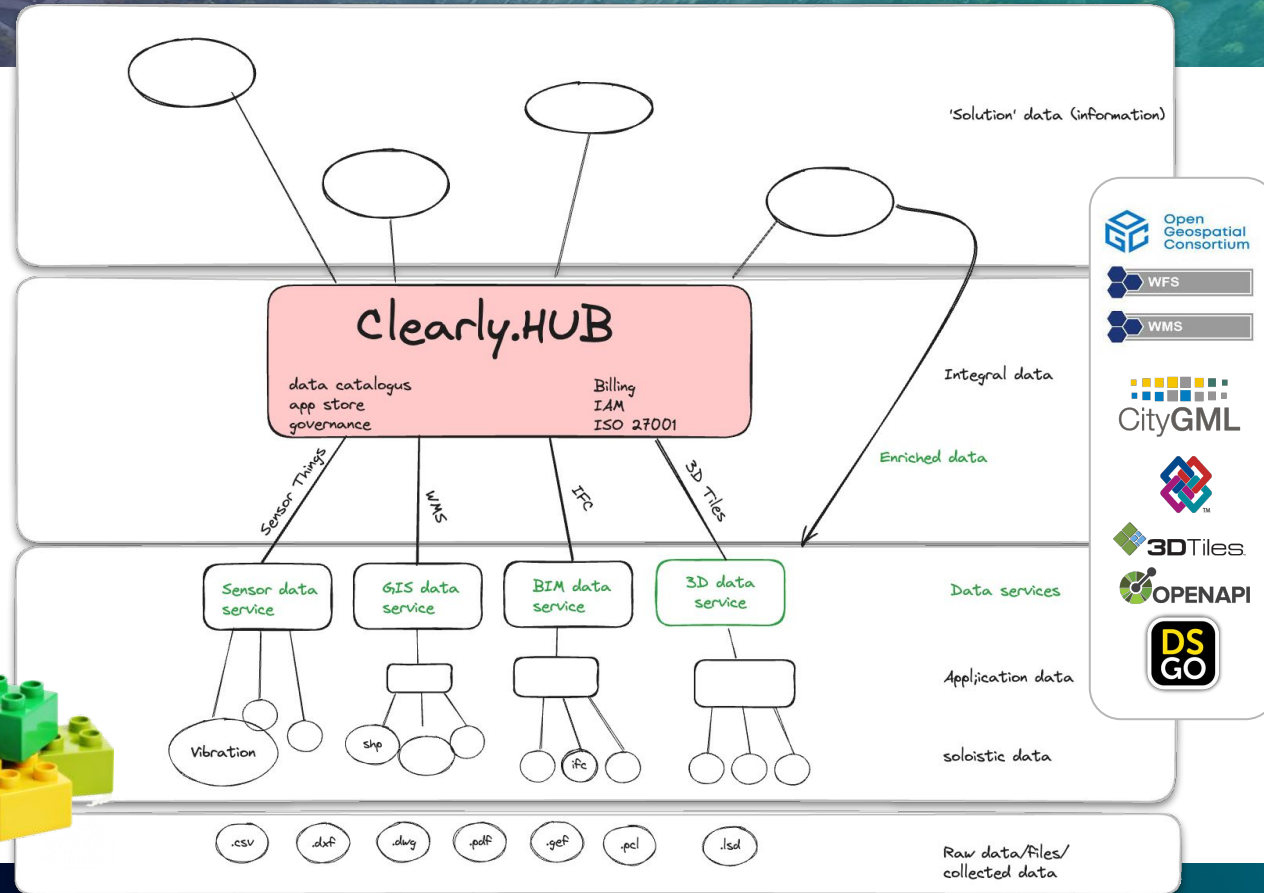
How to Take Advantage of BIM Data

Unlock the full potential of BIM data throughout all building lifecycle processes with a more holistic platform approach

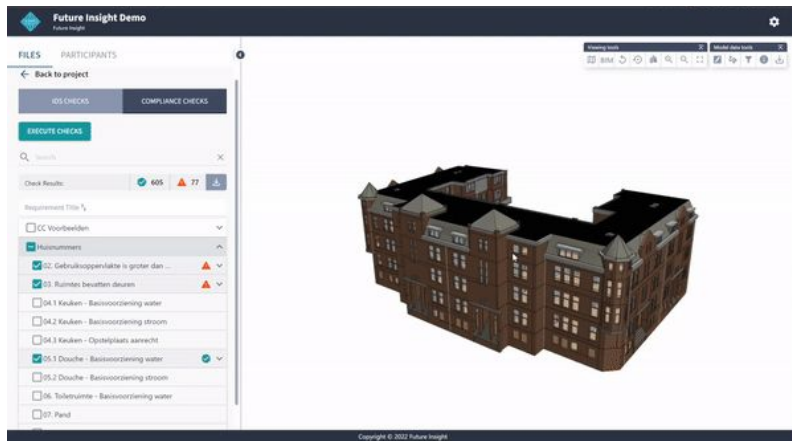


'Unique Selling points'

- Extra 'connecting' layer
- Combines data and apps
- Simple cloud service
- Data at the source
- Open standards and APIs
- Secure and reliable
- Multiple and simple
- Both open and closed data/apps
- Both free and paid data/apps



How?



What is Clearly.BIM

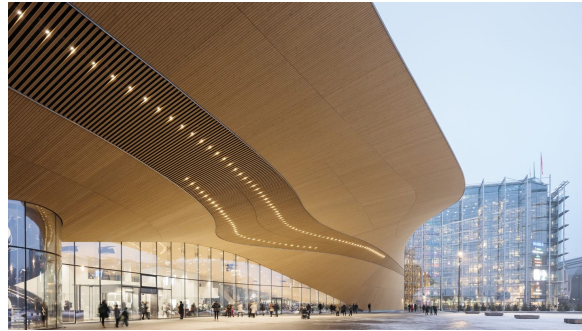
User-friendly online solution for viewing, saving and sharing BIM models. Distinctive features:

- **Automatic BIM model check:** Automatically check BIM models for compliance with permit requirements.
- **Integrate map layers:** Add various map layers to the Clearly.BIM environment.
- **3D Digital Twin visualization:** View BIM models in a 3D Digital Twin environment.
- **BIM conversion:** Convert BIM models to various formats, including CityGML.
- **Simple export options:** Export BIM models effortlessly.
- **OpenAPI**

Why BIM-based Permitting?



Speed



Quality



Transparency

Estonia BIM based permit check

DEMO ESTONIA

https://youtu.be/iQkluJlF_po?si=Vr2zrgt6pOnBoCN-

47 automatic building permit checks based on laws and regulations of Estonia

Started with POC in 2019, implemented nation- wide in gov system 2024

The screenshot shows a web application interface for BIM-based permit checks in Estonia. The top navigation bar includes tabs for 'Buildings', 'BIM module' (active), 'Persons', 'Documents', and 'Submission'. On the right, there are logos for the European Union, the Estonian Republic, and the Ministry of Economic Affairs and Communications, along with a 'Reach' logo. The main content area displays a 3D architectural model of a multi-story building with a red facade and a black roof, situated in a green landscape. The model is labeled 'DocumentNr 70'. Below the model, there is a table with columns for 'File name', 'Project stage', 'Project part', 'Related building', 'File version', and 'Date'. The table contains two rows of data. At the bottom, there is a large text overlay that reads 'INTEGRATED IN PERMIT APPLICATION'.

File name	Project stage	Project part	Related building	File version	Date
1807_EP_AR_v14.ifc	preliminary design	WITH	120772119	1	10.09.2021
1807_EP_MA_v04.ifc	preliminary design	MA	120772119	1	10.09.2021

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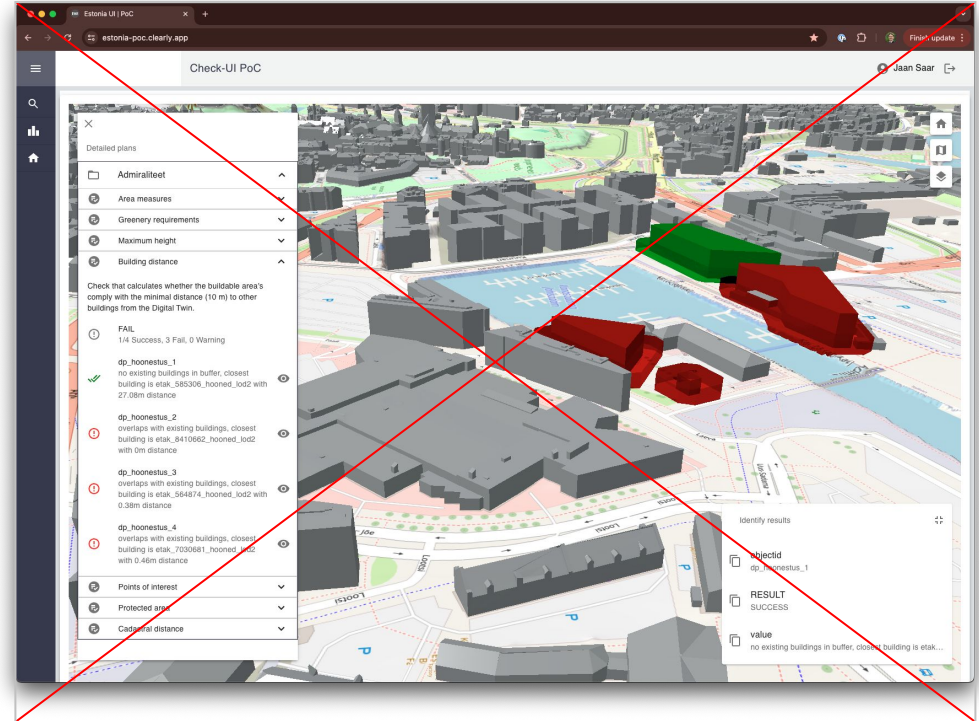


Estonian Urban Planning/Zoning POC (2024)

- Urban planning use case for automated BIM-checks
 - Area measurement
 - Distance to buildings
 - Amount of greenery
 - Protection areas
 - etc...
- How to model planning in BIM?
- Tighter integration of GIS and BIM data



[Read More](#)



RAVA3Pro Pilot Project in Finland

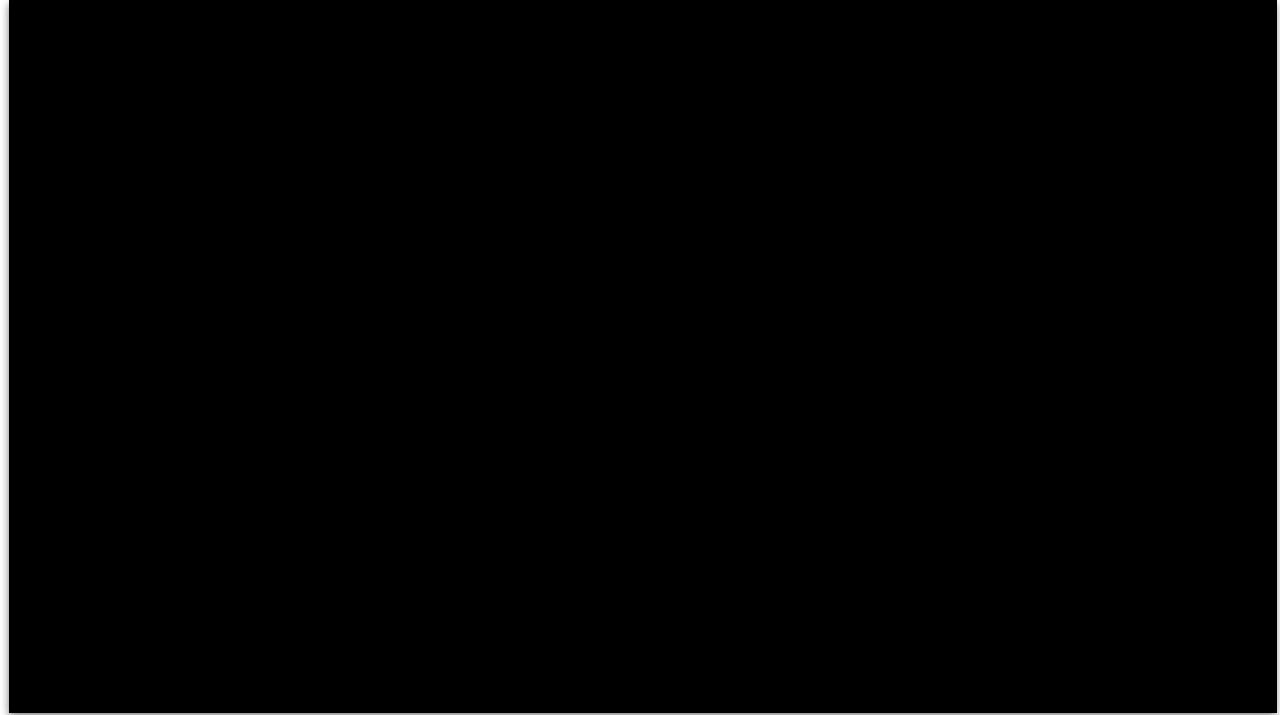
DEMO FINLAND

https://youtu.be/wxrjorFX_1c?si=DpwkH_k31grX1EXR

5 automatic accessibility checks based on Finnish regulations

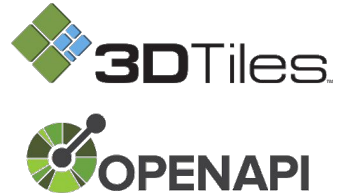
POC pilot project together with 23 municipalities, 2 ministries and 3 government institutes

Integrated with Cloudpermit system



MiniGIM

MiniBIM





Open Standards ≠ Open-Source Code

57%

of EU municipalities*
plan to implement BIM
in their building permit
system

*PwC survey of 58 municipalities in 25 EU states
done during the study „Support of the
digitalisation of the built environment, public
procurement and SMEs in construction“



An analysis for the adoption of Building Information Modelling (BIM) across the EU27 for Public Sector

Support of the digitalisation of the built environment, public procurement and SMEs in construction
October 2023

Digital building permits toolkit
for building public authorities

Prepared for the European Commission




Digital building permit and compliance verification

Cost-effective BIM-enabled building permit and compliance verification.

Digitalised building permit and compliance using BIM to improve the productivity and quality of design and construction

Partners



EUnet4DBP



(3D) geoinformation
GeoBIM integration
standardization, interoperability
BIM
AEC
Planning, regulations
Software development

	R	G	C
	11	11	5
	12	9	8
	18	12	14
	24	14	21
	16	4	18
	16	15	15
	11	4	16

buildingSMART regulatory room
EuroSDR
EU-BIM
OGC



FUTURE INSIGHT



openBIM Mandates & Building Permits



Norway: Statsbygg + Bane
Nor transport agency policies

Sweden: Trafikverket
transport agency policy

Denmark: for public
construction & housing

Finland: mandatory BIM for
building permits from 2026

Estonia: BIM-based
permitting **LIVE**

Netherlands:
Ministry of Internal
Affairs mandate

Switzerland: Swiss
Federal Railways policy

USA: General Services
Administration + State
Departments of
Transport policies

Spain: Catalonia
regional mandate

Geneva: BIM-based
permitting system **LIVE**

Madrid: BIM-based
permits in 2026?

Vienna: BIM-based
permits in 2026?

Dubai: for
building permits
from 2024

Japan:
strengthened
mandate
planned for
2026

Singapore: national
mandate launching
2025, CORENET X
for BIM permits

Chile: for public
housing

Australia:
national policy



Implementation

Change Management
& Collaboration



Who wants to start?

Go to www.futureinsight.nl



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+372 529 0777



linkedin.com/in/jaansaar/