FUTURE INSIGHT

Together we make projects successful

Presentation:

Interdisciplinary collaboration by integrating BIM, DT & 3D

Agenda

- Introduction Future Insight
- Market trends
- Collaboration and integration in an Open Urban Platform
- Showcases
- Conclusion

We believe we live in a world
where there is an **abundance of data**
which, when used correctly, can greatly **improve**
the development of civil projects and our living environment.

With that in mind, our team works everyday on **solutions**
that inspire our clients to **redesign the way they think & work**
and ultimately achieve better results.

Casper van Vulpen
Director of Sales

Introduction Future Insight

- Founded in 2014
- Based in the Netherlands, Greece and Sweden
- A software and consultancy company that
  - Provides consultancy on the use of open standards, BIM, 3D and Smart Cities solutions
  - Builds project collaboration and data management software
  - Makes use of the power of visualisations on maps
  - Builds BIM and 3D Digital twin solutions based on open standards

SELECTION OF CUSTOMERS

Strukton

heijmans

SPIE

zonneveld ingenieurs

Gemeente Rotterdam

Gemeente Amsterdam

VREDE EN RECHT
Den Haag

HONG KONG

SELECTION OF PARTNERS

Nelen & Schuurmans

bpd

de BouwApp.

Market Trends

Business Consulting

3D Digital Twin

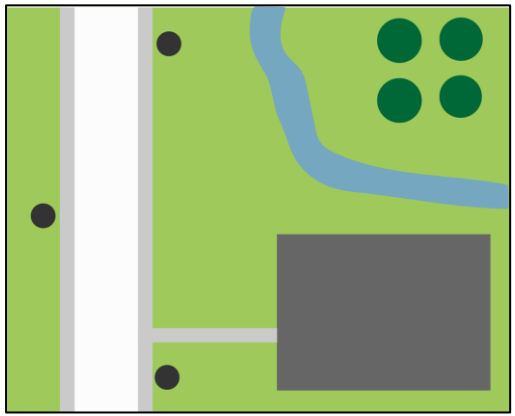
BIM

Open urban platform

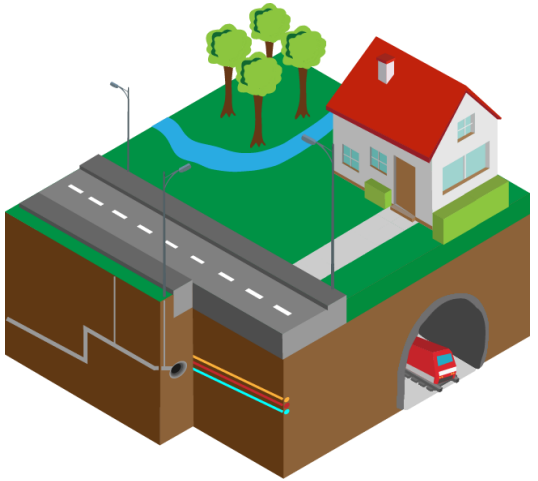
Clearly Project Management

Product Consulting

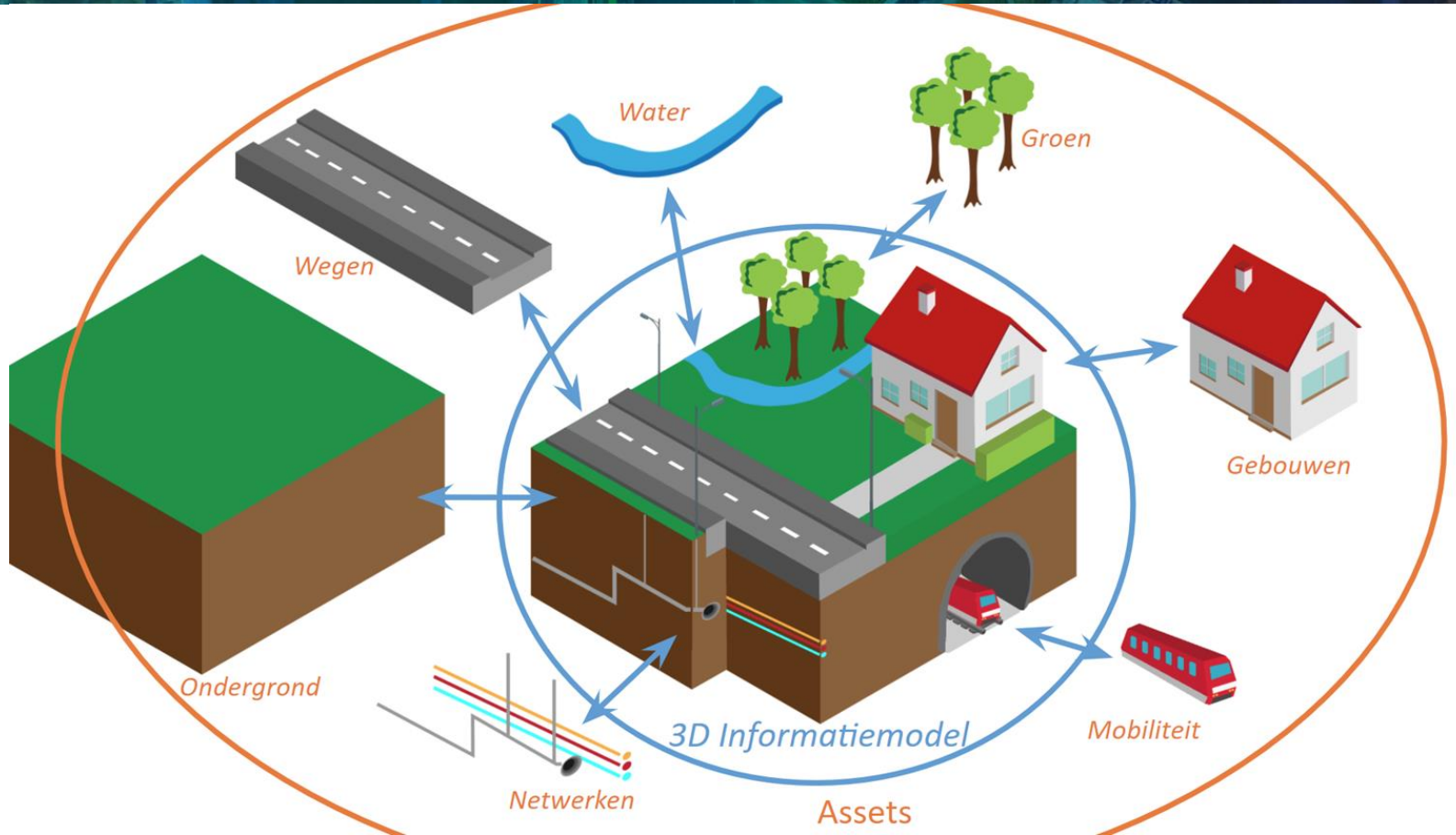
But first, the basic value of 3D



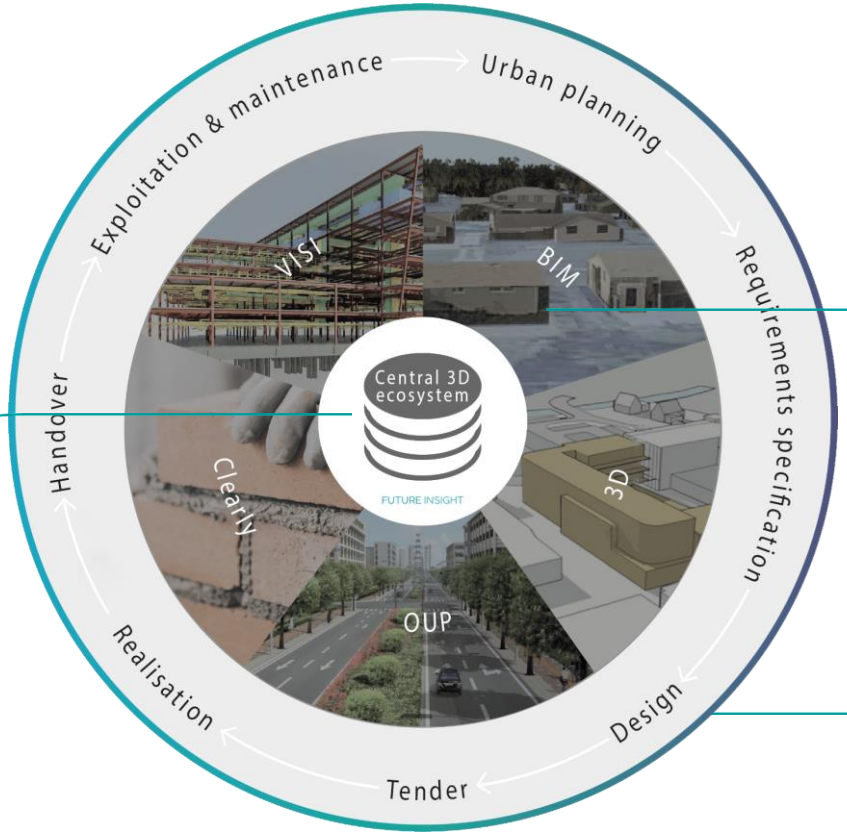
2D vs 3D



Additional dimension of data



Collaboration and integration in an Open Urban Platform (OUP)

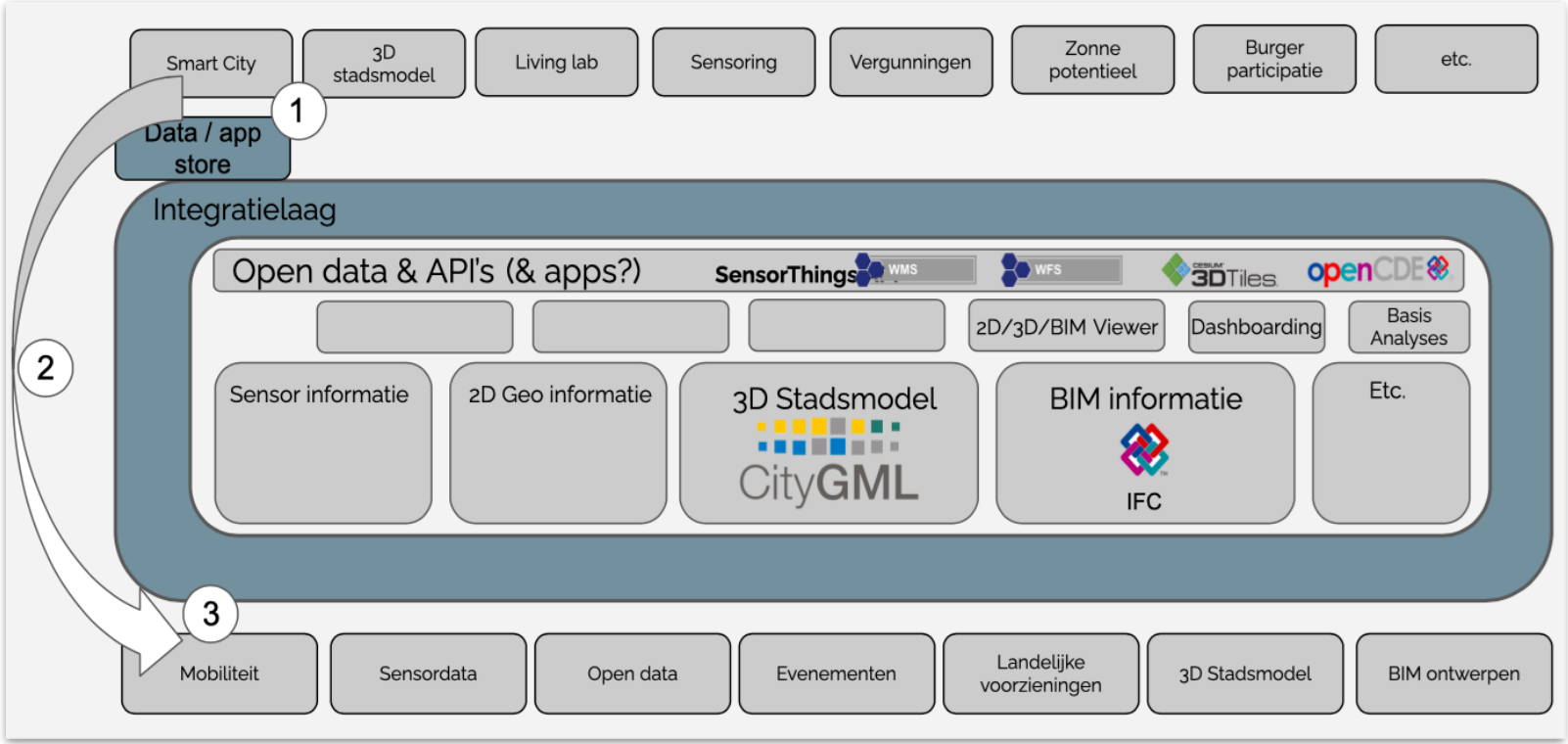


Various smart applications

one common 3D database based on open standards

In all phases of the life cycle

Infrastructure of an Open urban data platform and marketplace

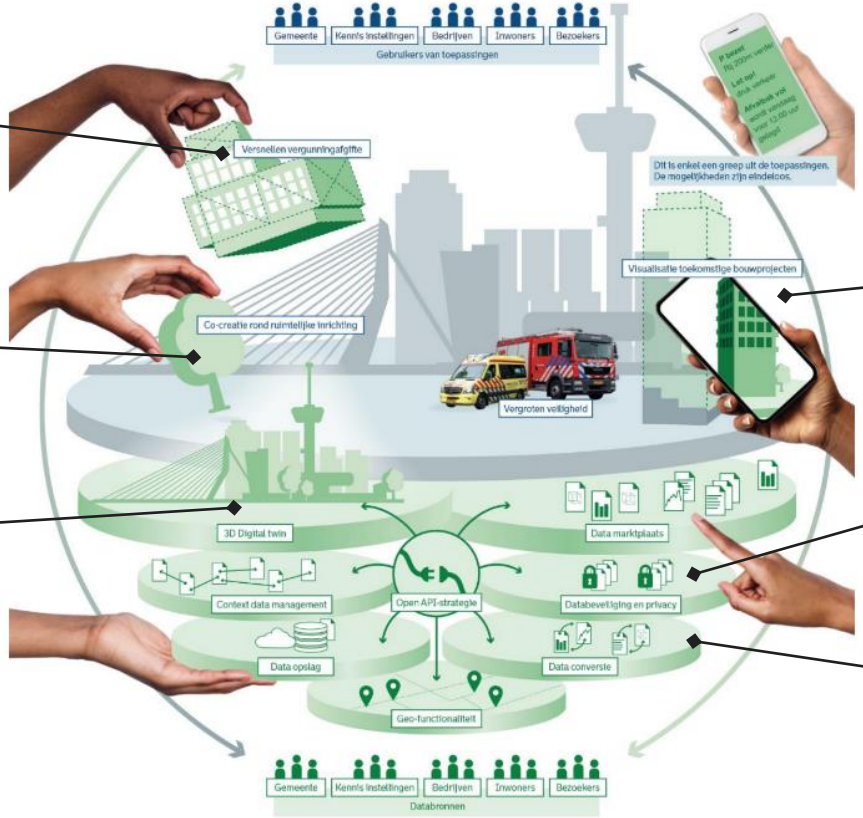


Examples of applications and functionalities

Faster approval of building permits with automated permit checks

Co-creation and urban planning

3D digital twin



Visualisation of future construction projects

Data security and privacy

Data conversion

Digital Twin

Flooding simulation

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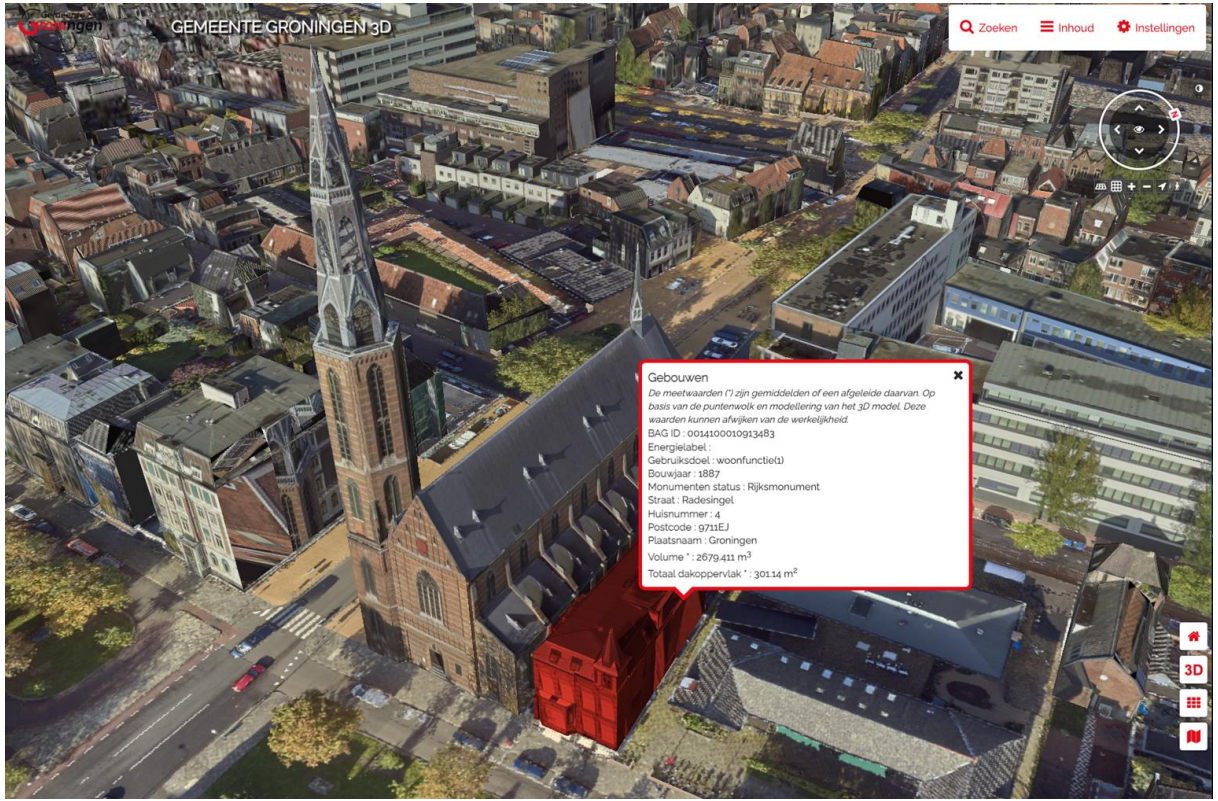
Visual representation of the City



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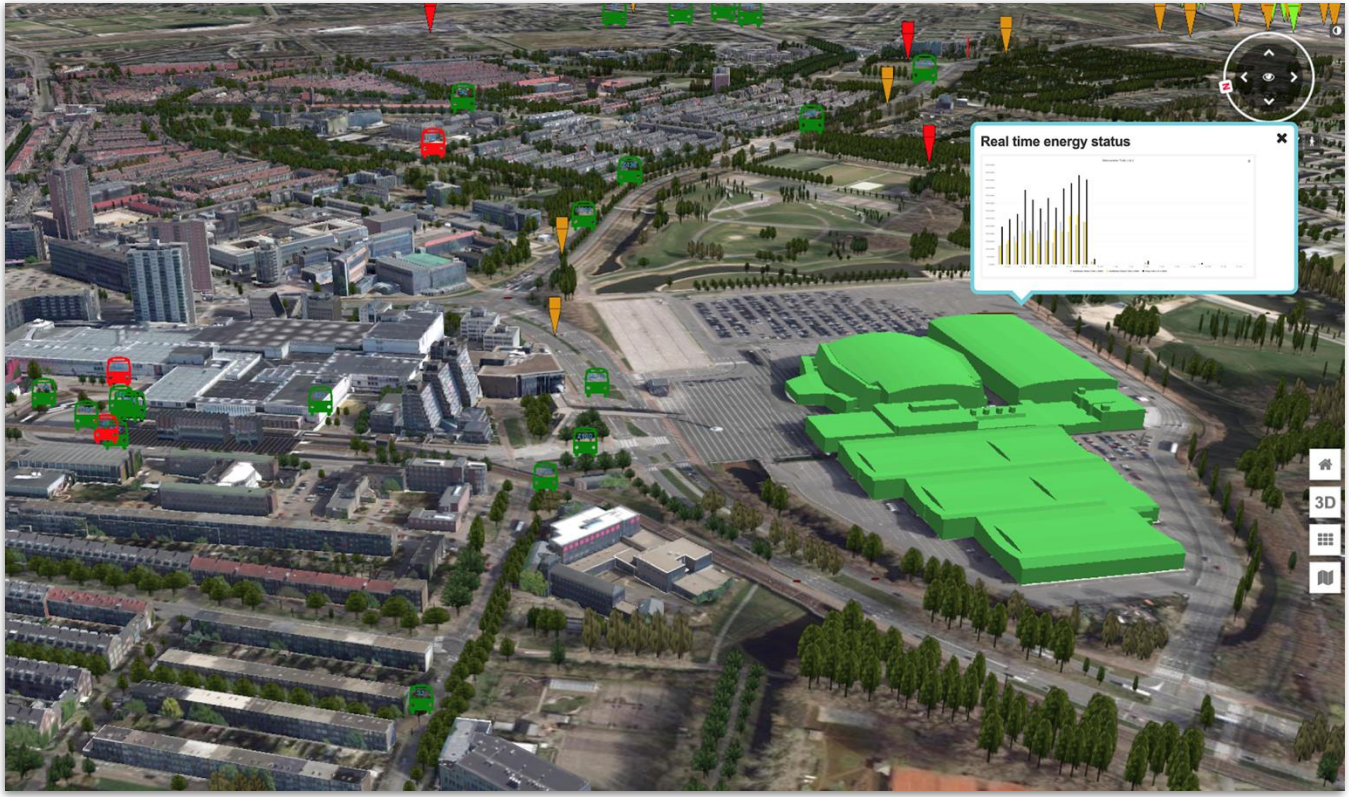
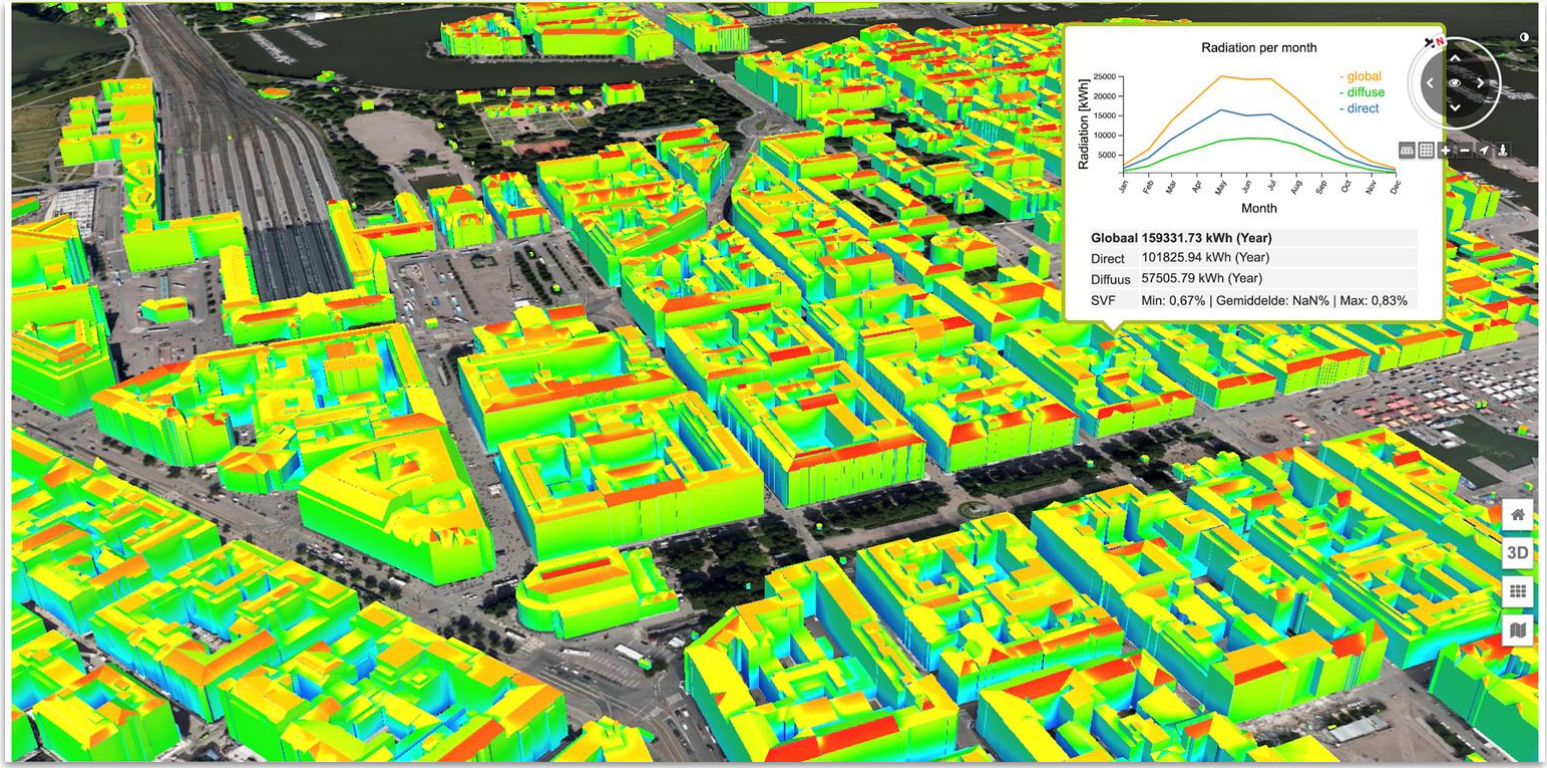
Real time energy and traffic status



Solar potential analysis



Tree data

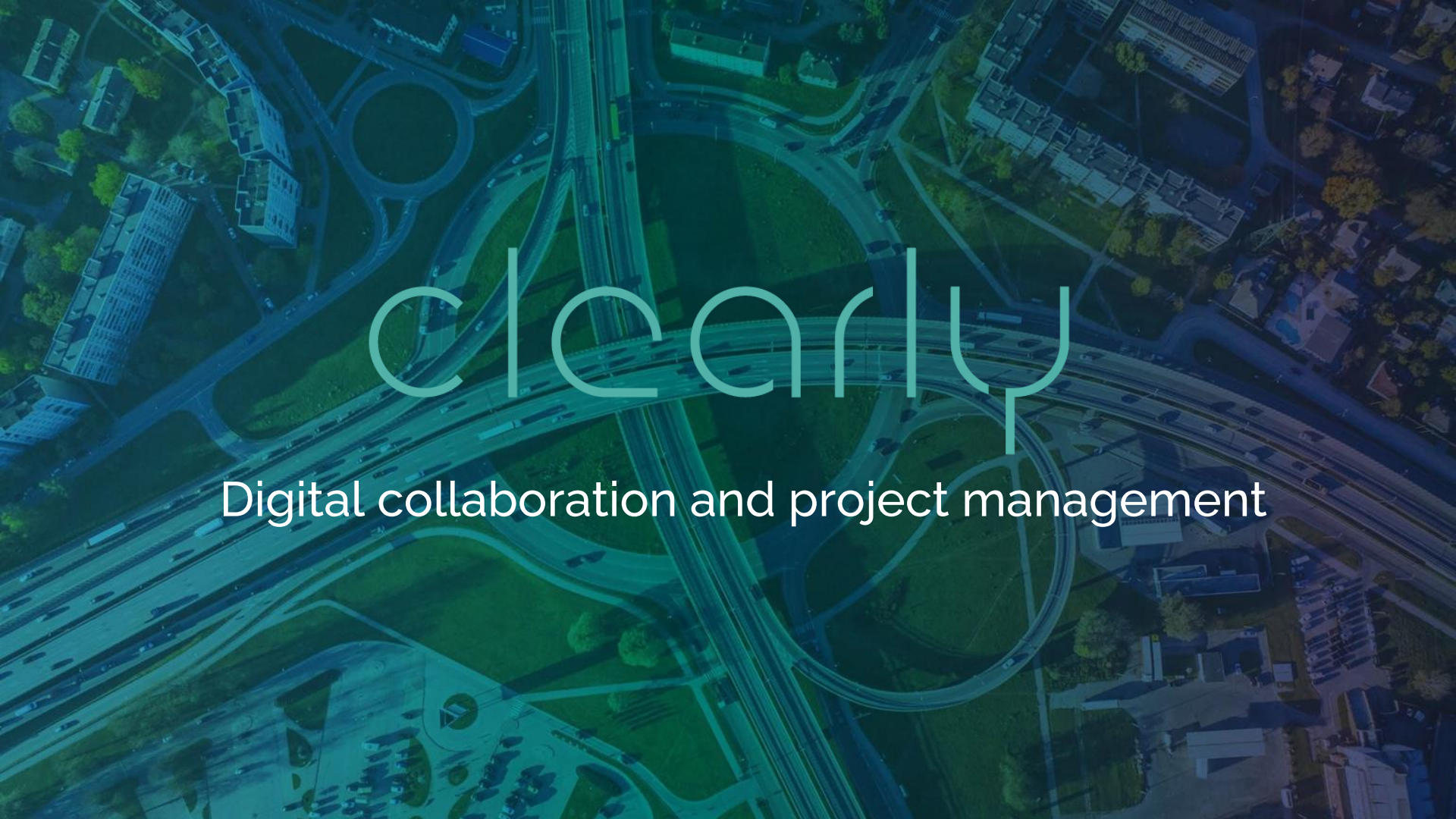
Zoeken
Inhoud
Instellingen
Bomen Arnhem
Boomnummer (fictief) : 182246956
Kroonhoogte - max : 3887 cm
Kroonoppervlakte : 743.88 m²
Kroondiameter : 3078 cm
Stamdiameter : 297 cm
Kluitdiepte : 1484 cm
Kluitradius : 1484 cm
3D

Rotterdam 3D Digital Twin

BIM

BIM permit check Estland

4D timeslider Hong Kong


clearly
Digital collaboration and project management

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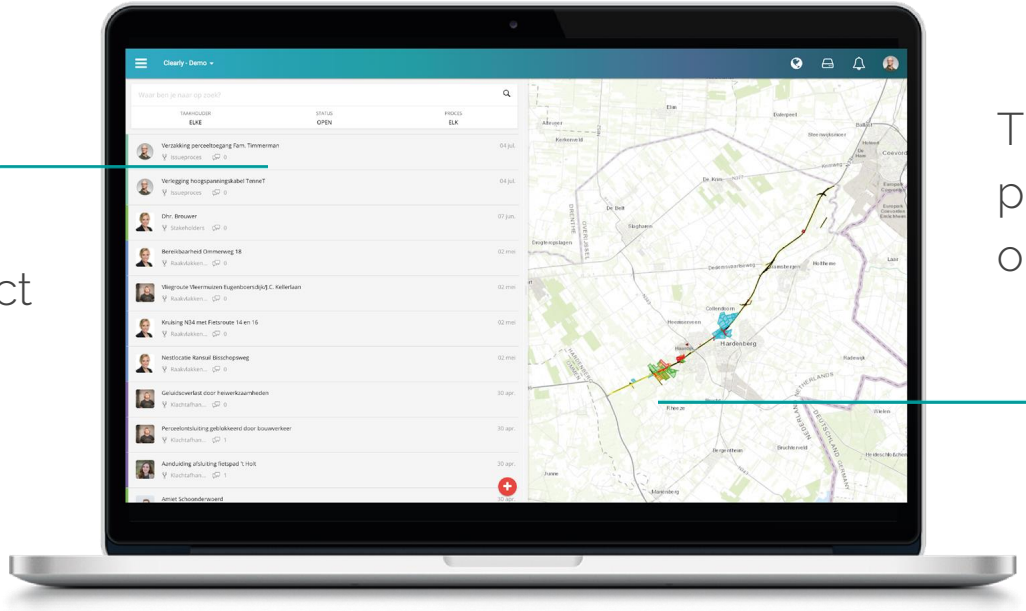
Bringen information and tasks together

Data archive, project management and workflows

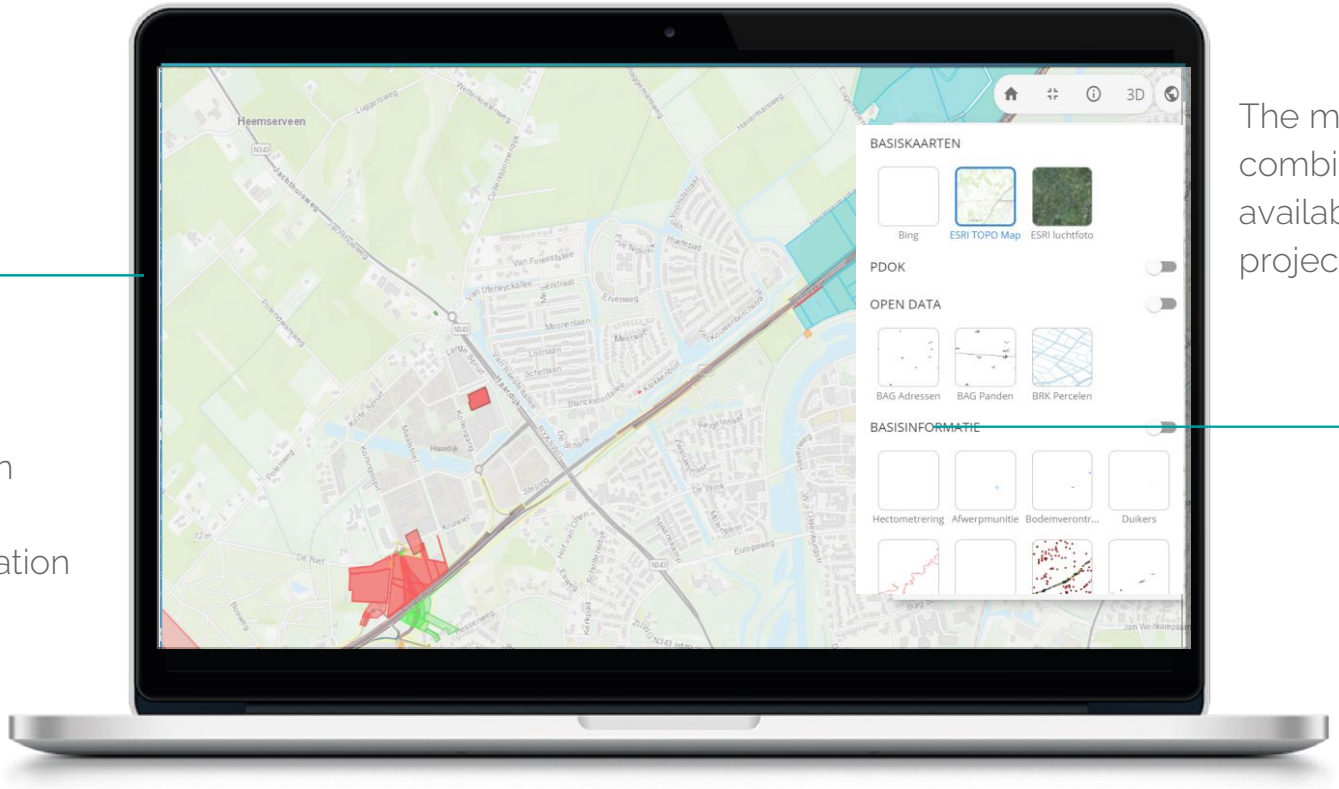


The most current project information on a 2D or 3D map

clearly

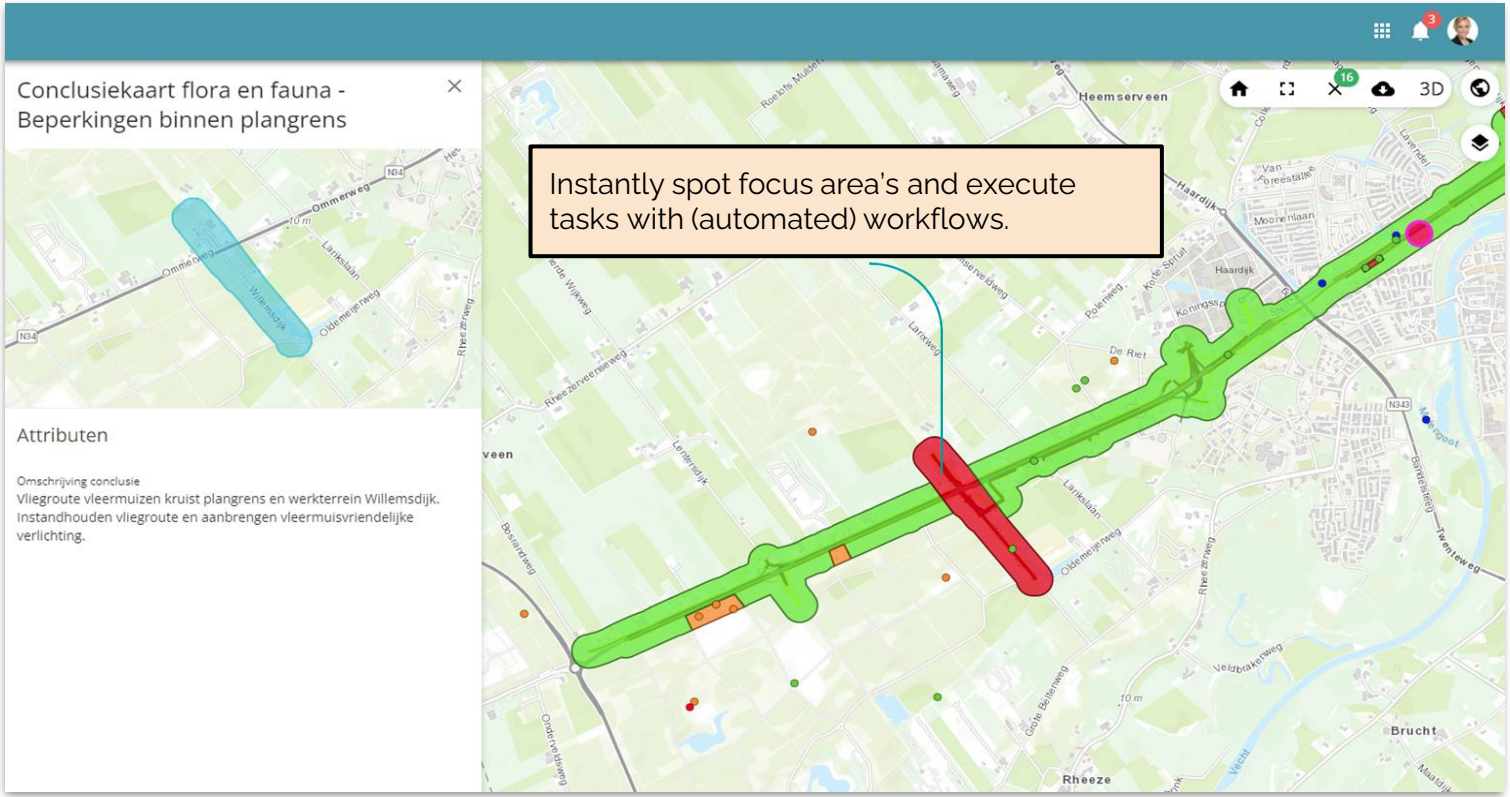
Optimal overview of project information

Everyone in the project team can also easily add dynamic information

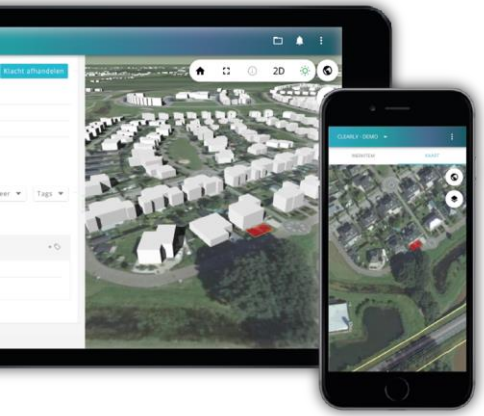


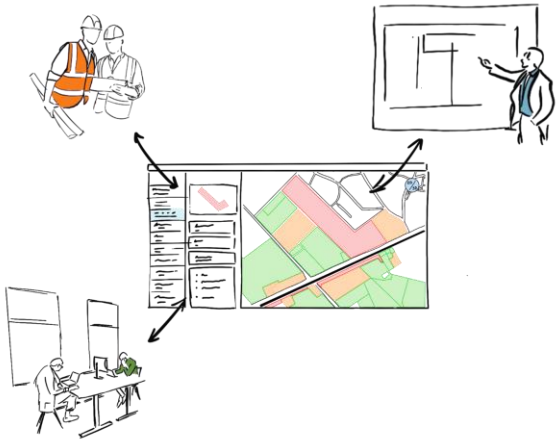
The map shows a combination of publicly available data and project/city specific data

Bringen information and tasks together



Optimal overview and control





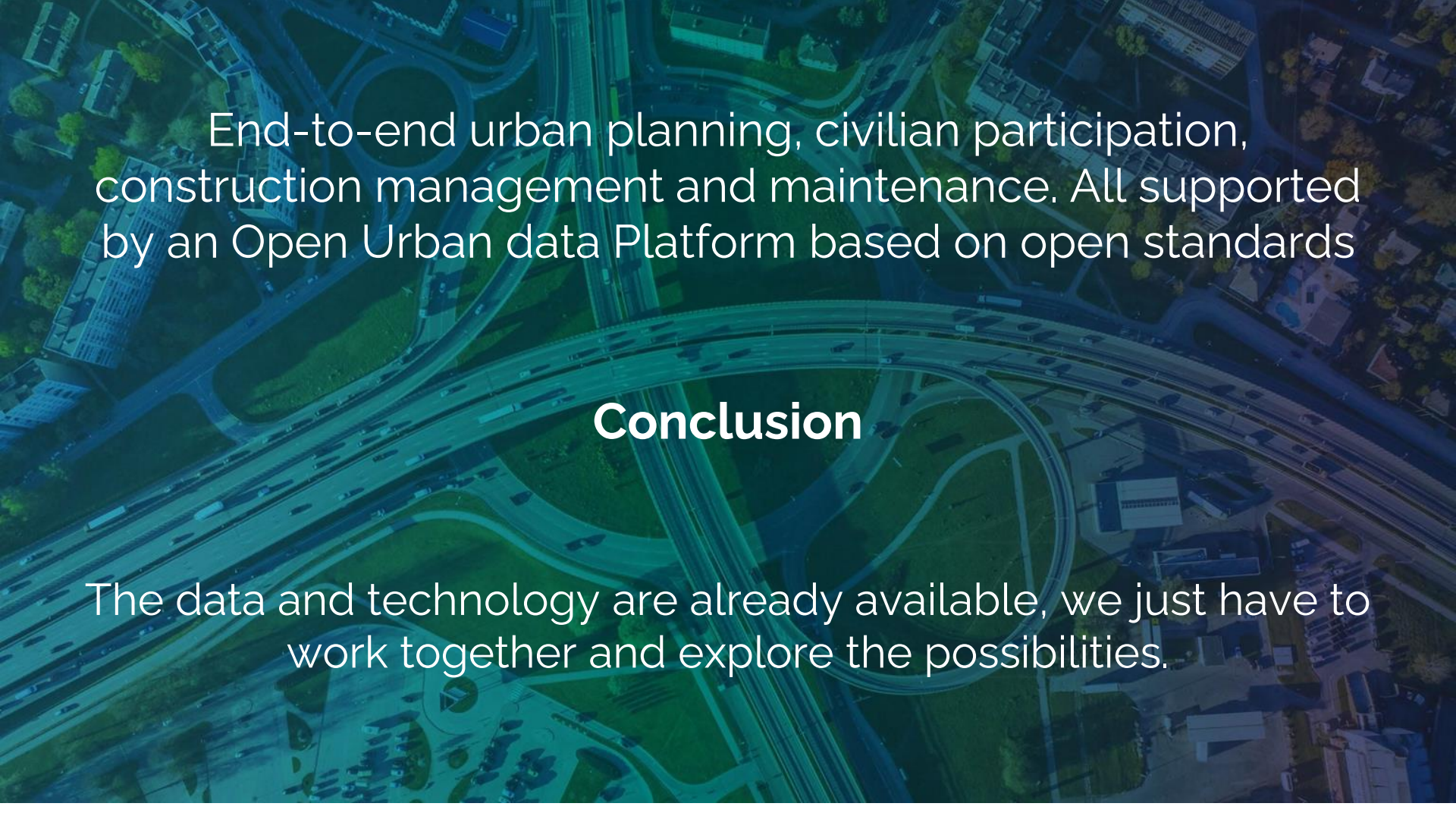
QuattroExpertise

Kavel 10

OMNIOM

de BouwApp.

see it. get it. do it. clearly



End-to-end urban planning, civilian participation, construction management and maintenance. All supported by an Open Urban data Platform based on open standards

Conclusion

The data and technology are already available, we just have to work together and explore the possibilities.