

Digital City Rotterdam

*New technologies.
Smart collaborations.*

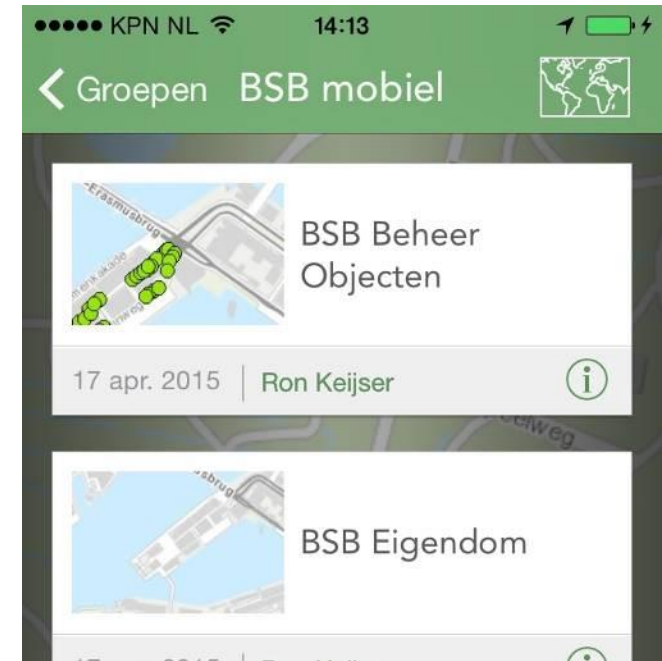


Joris Goos
Research and Business Intelligence

Rotterdam



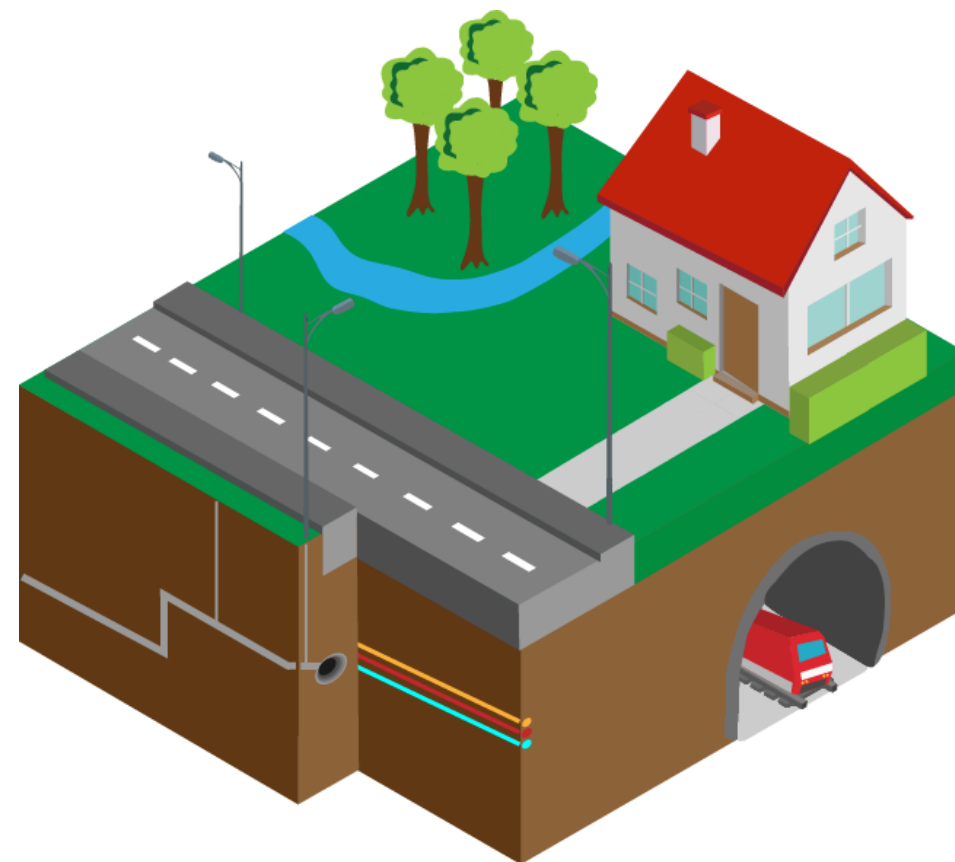
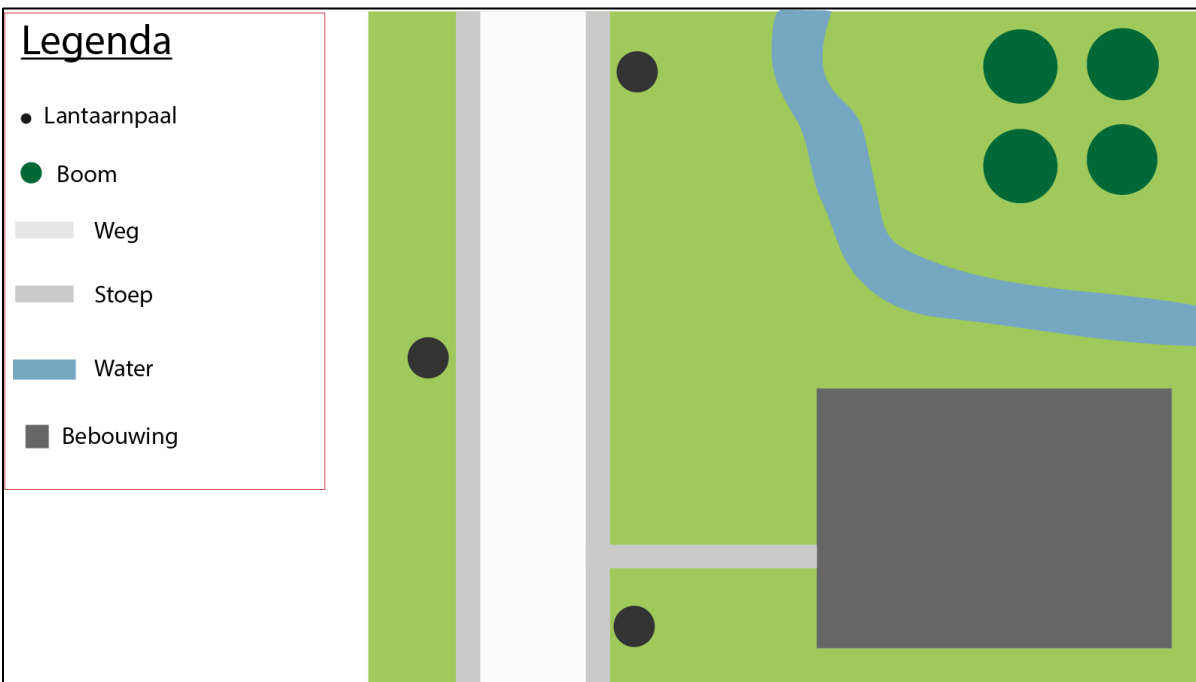
Where are we?

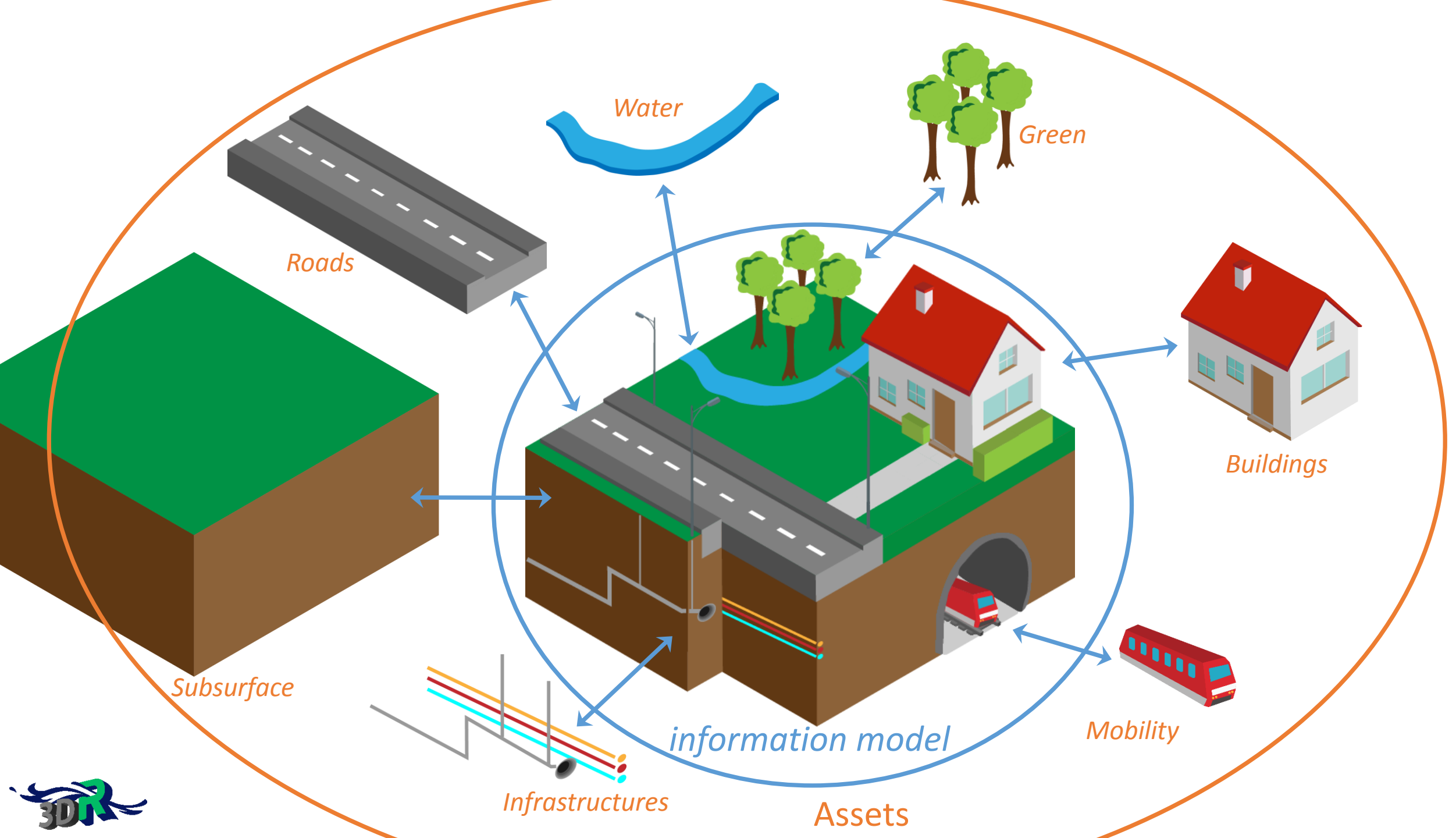


Rotterdam 3D City Model



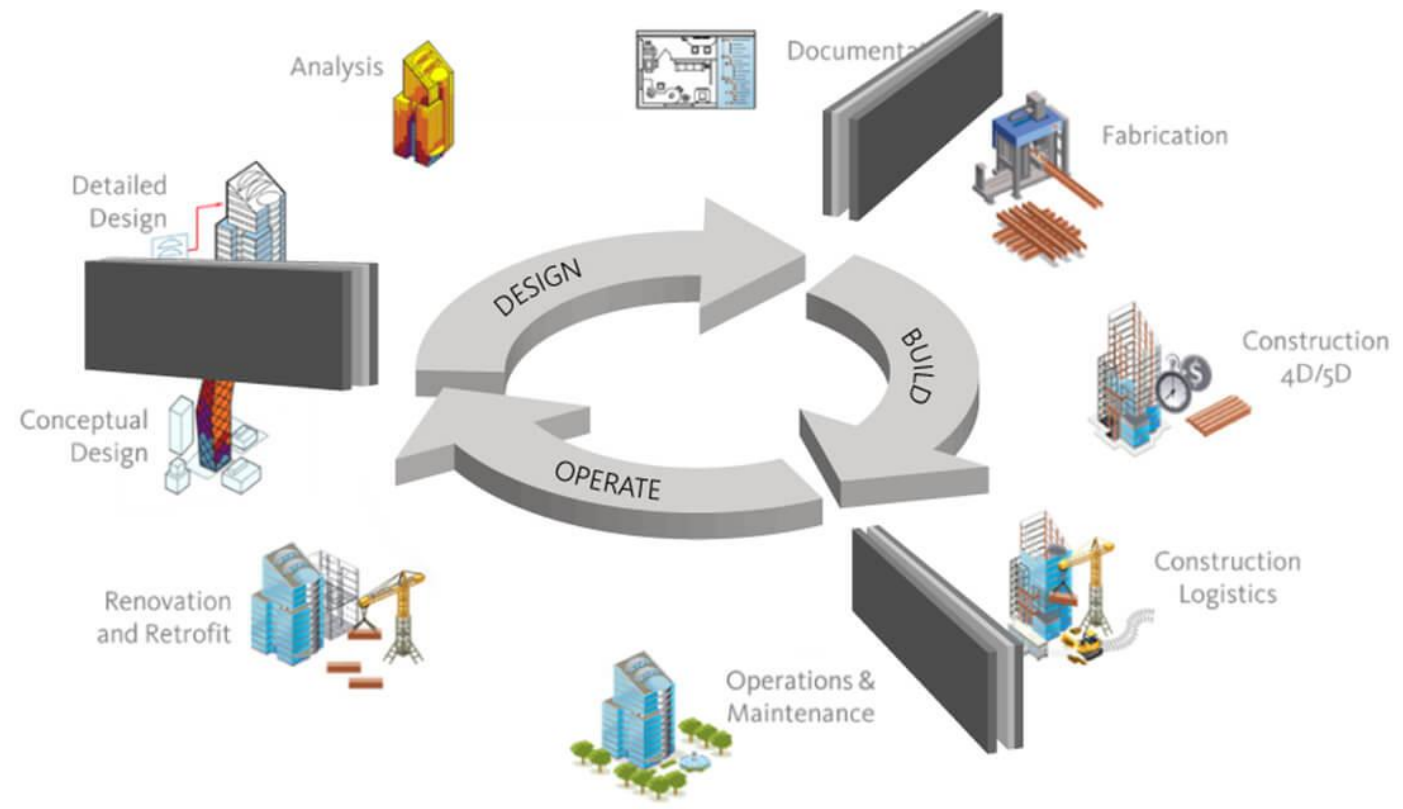
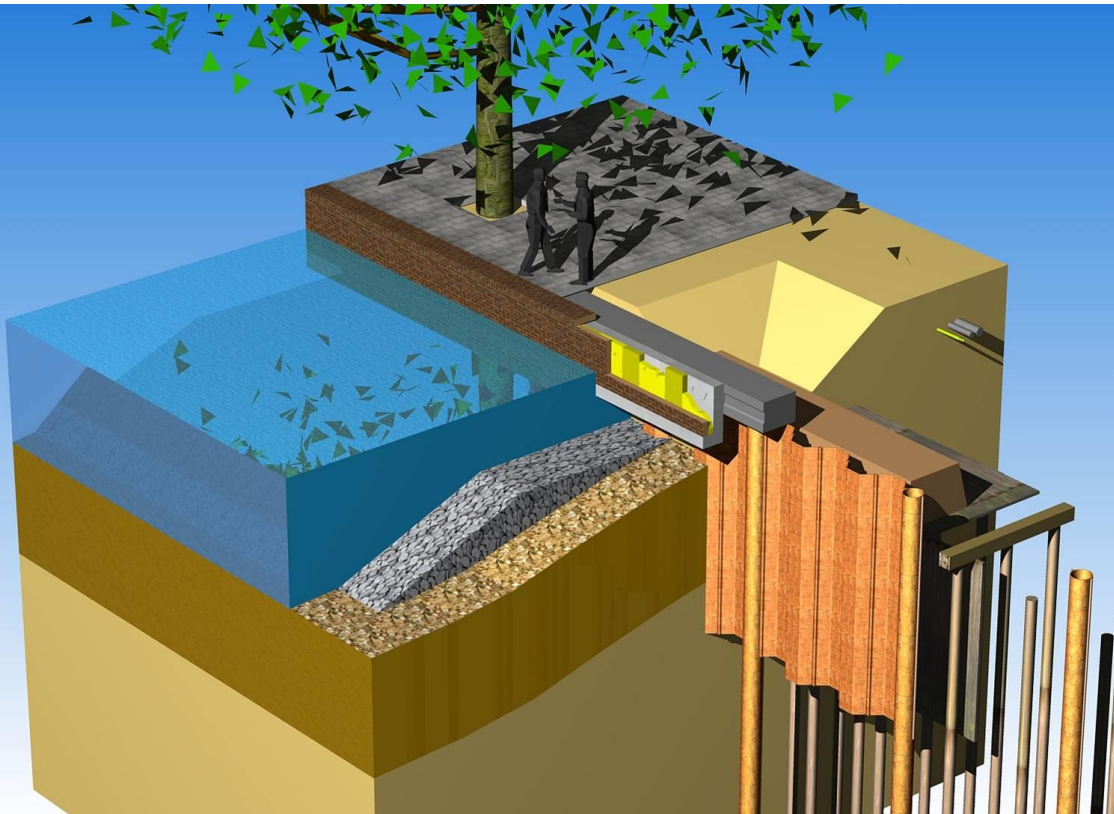
**ROTTERDAM.
MAKE IT
HAPPEN.**





Asset management, Building Information Management, Systems Engineering

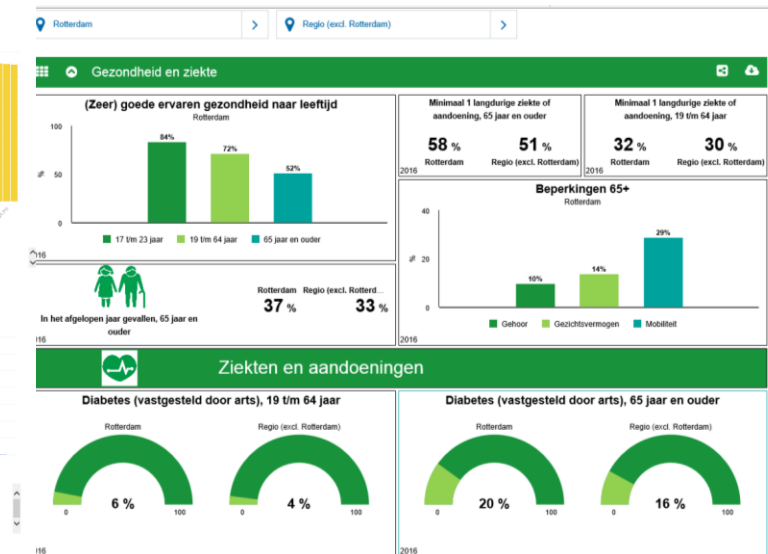
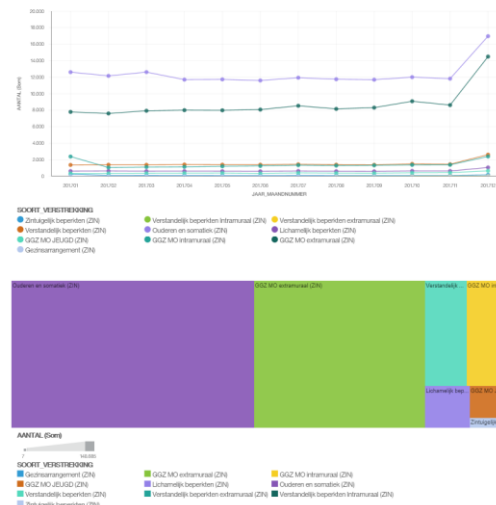
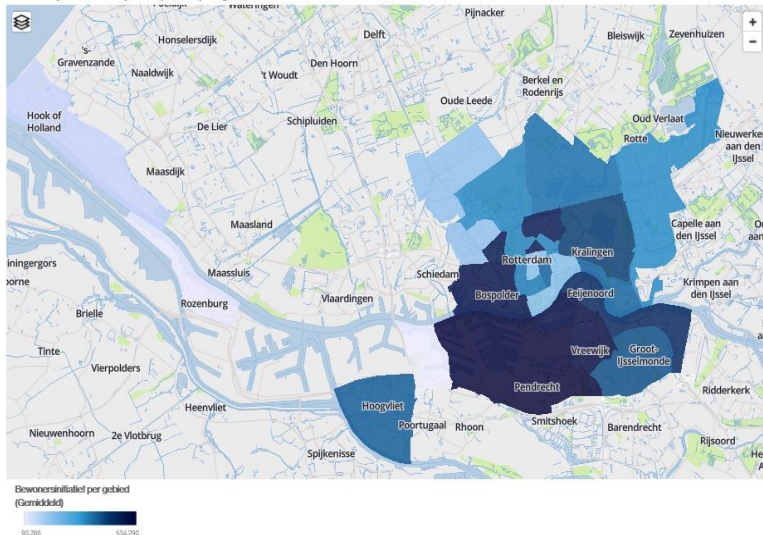
Digital information cycles in City Development and City Management



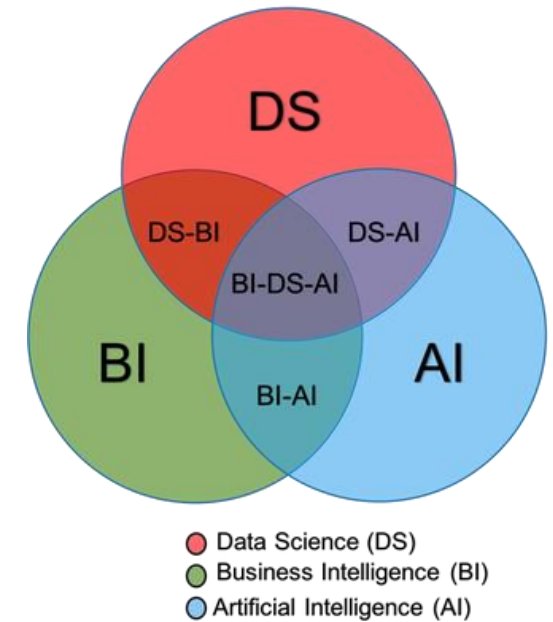
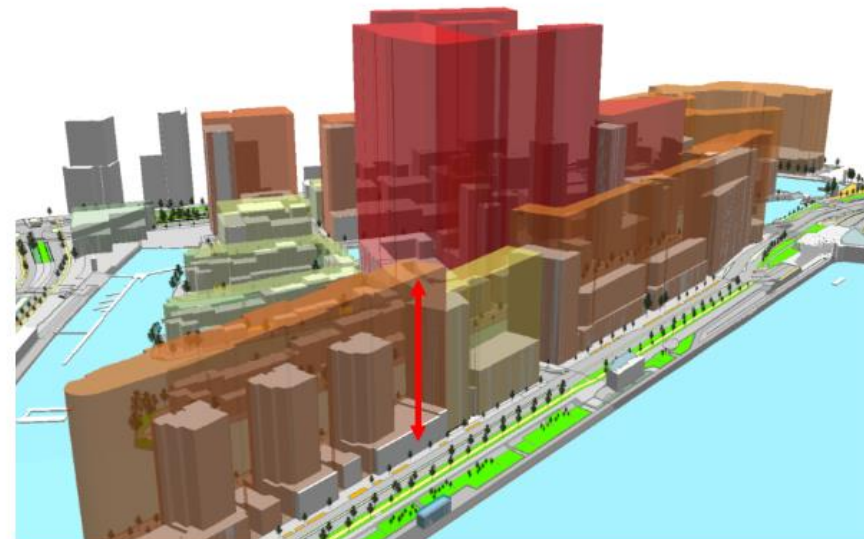
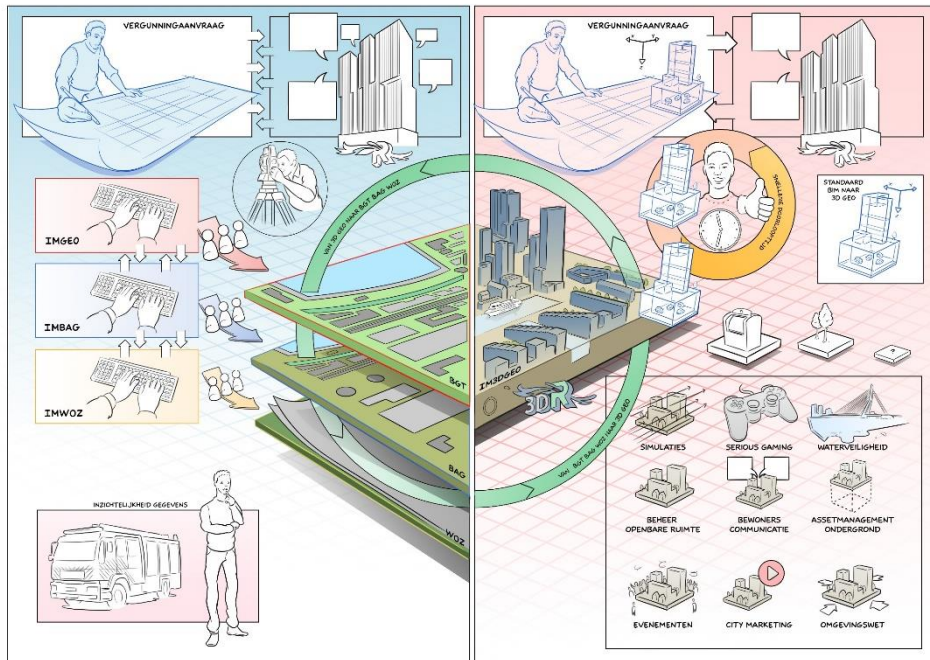
Business Intelligence

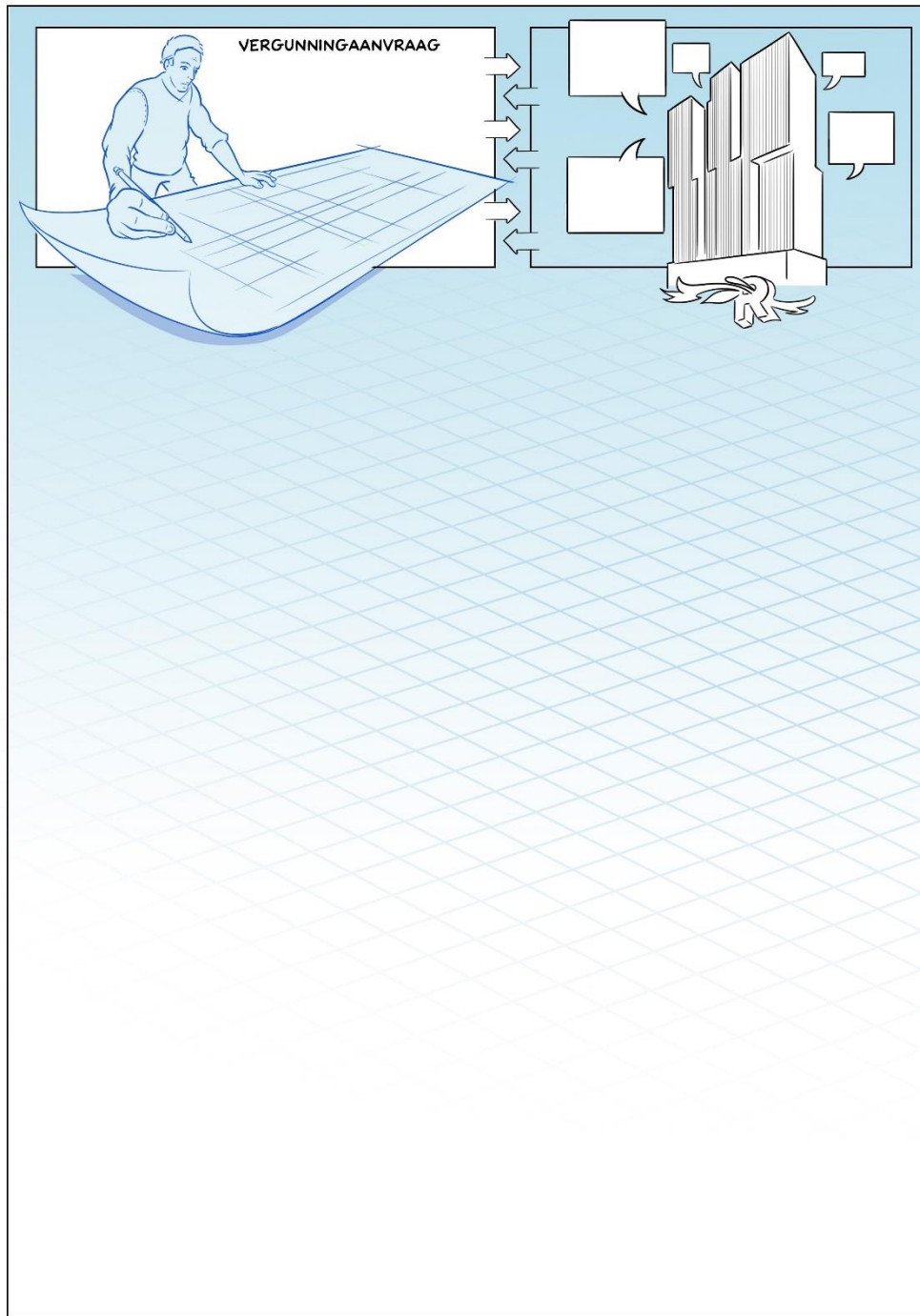
Datacollection, -design, -analysis, -management, -visualisation, ...

Heatmap bewonersparticipaties per gebied

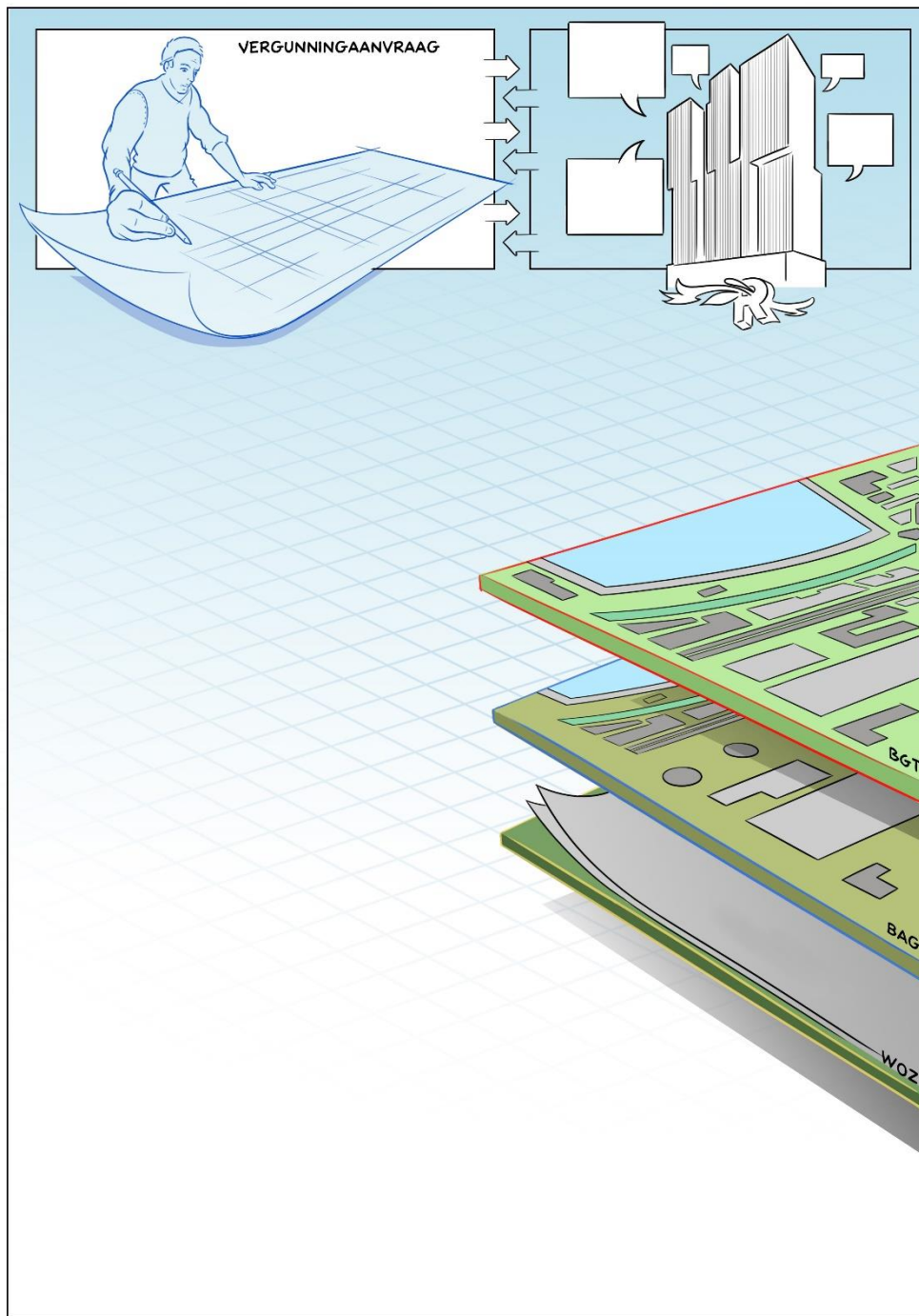


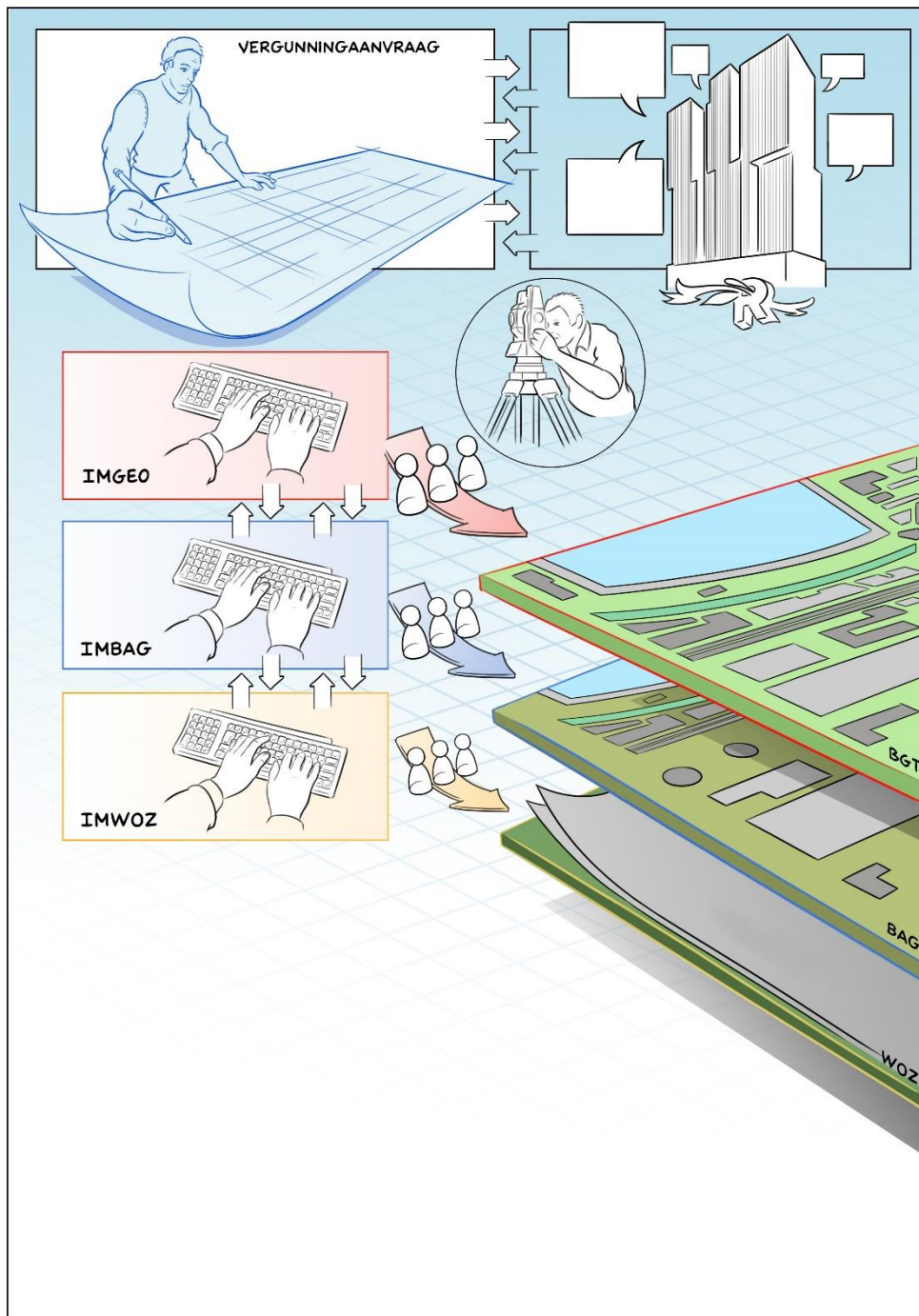
Where are we going?

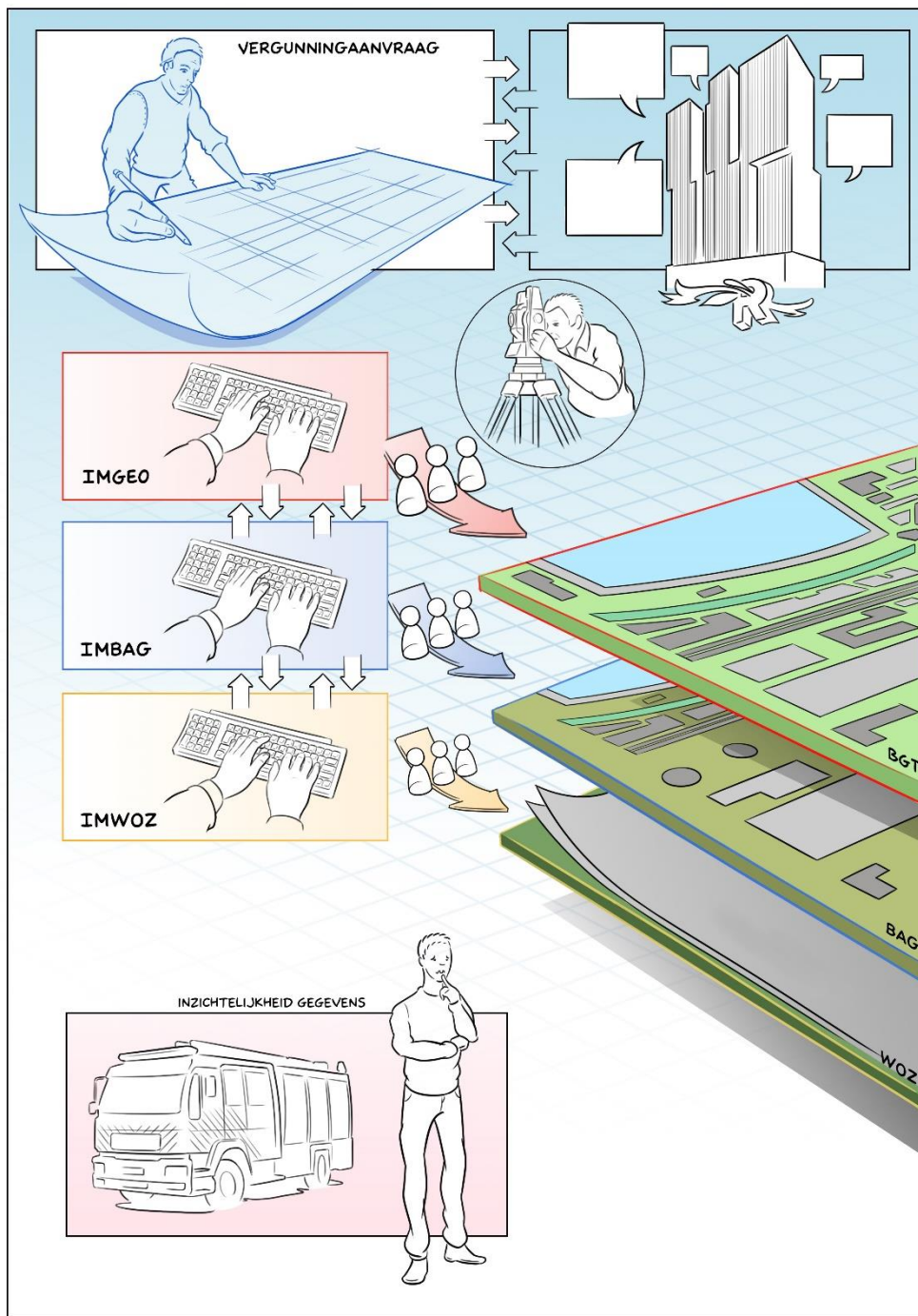


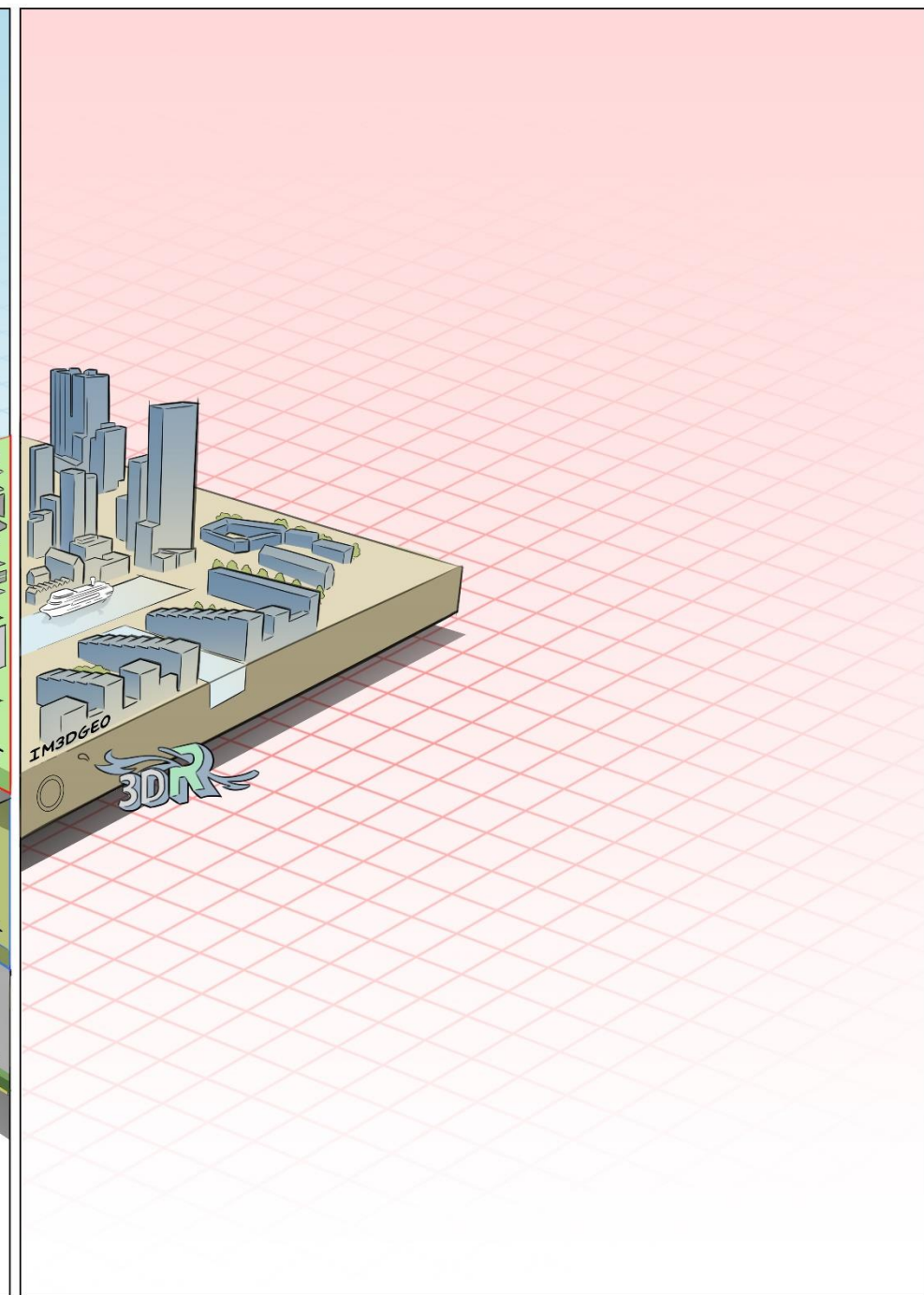
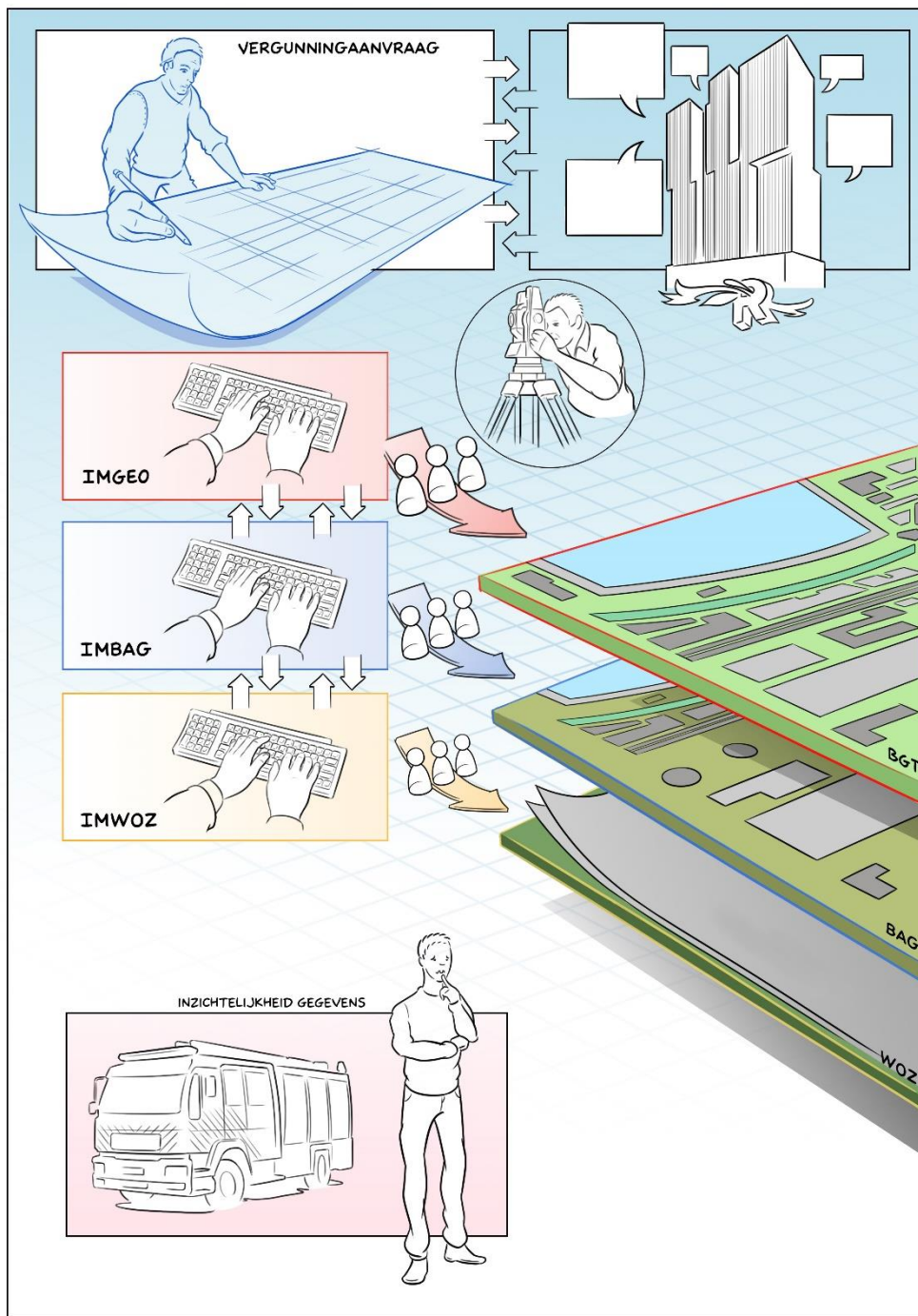


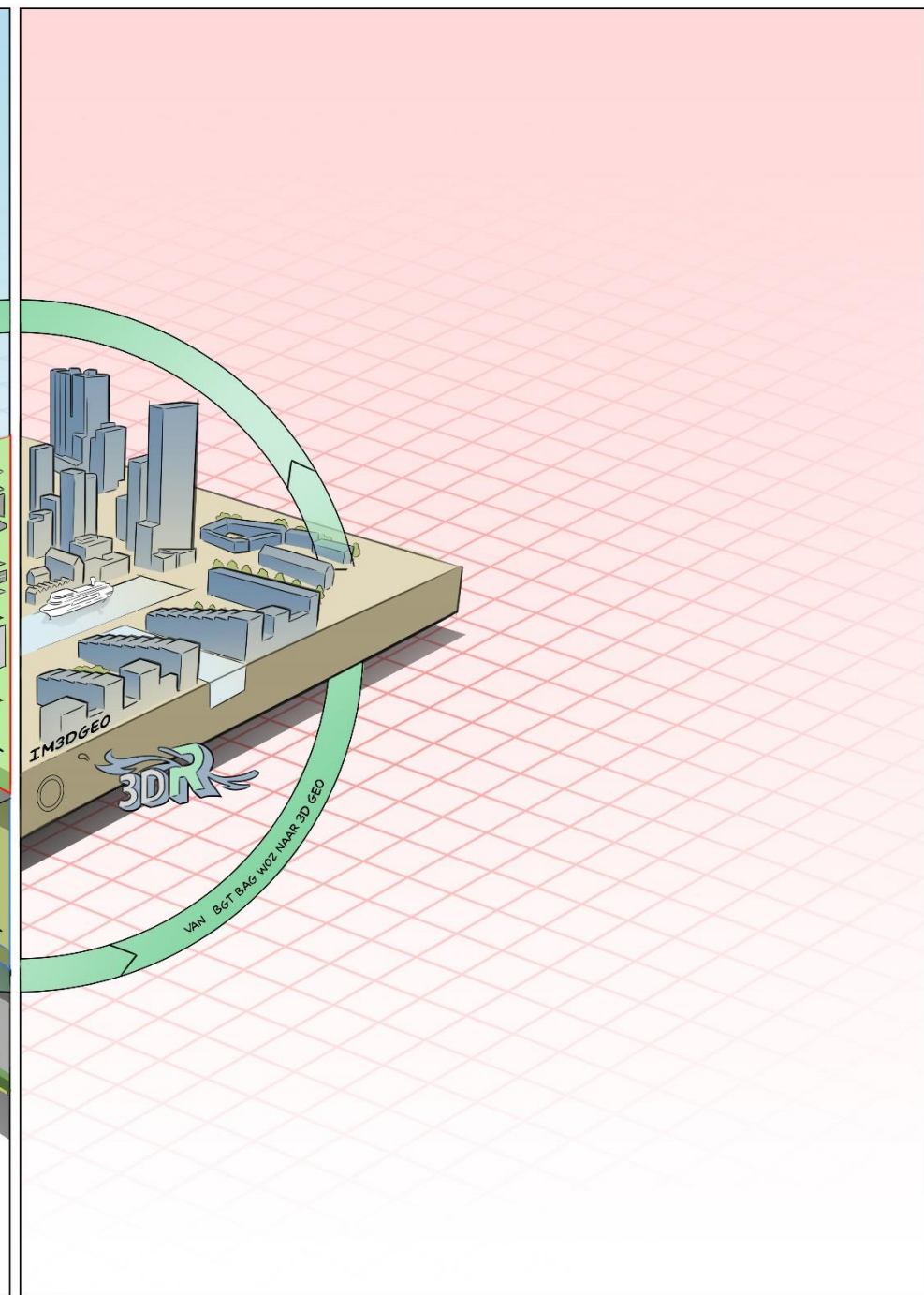
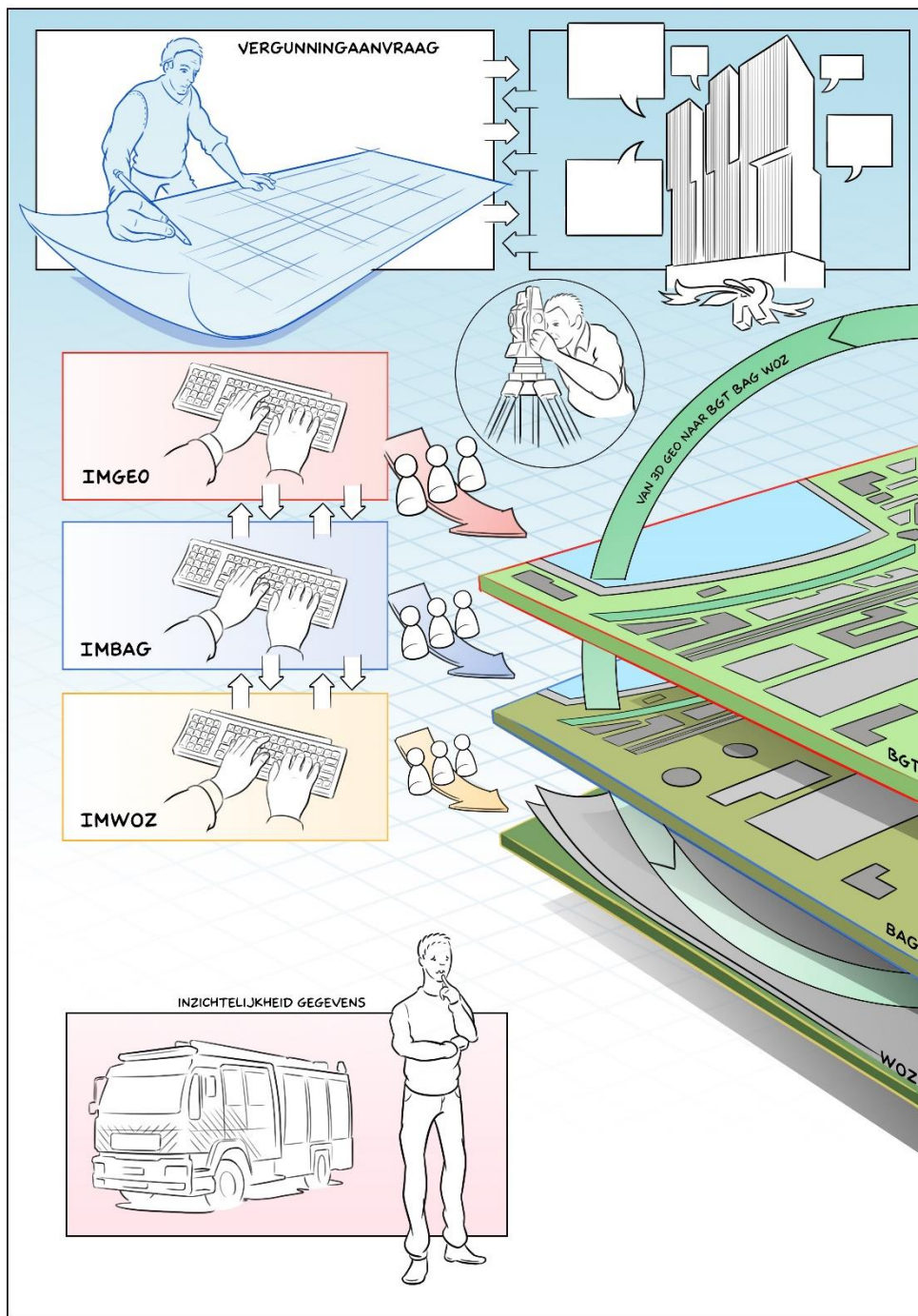
Rotterdam 3D City Model

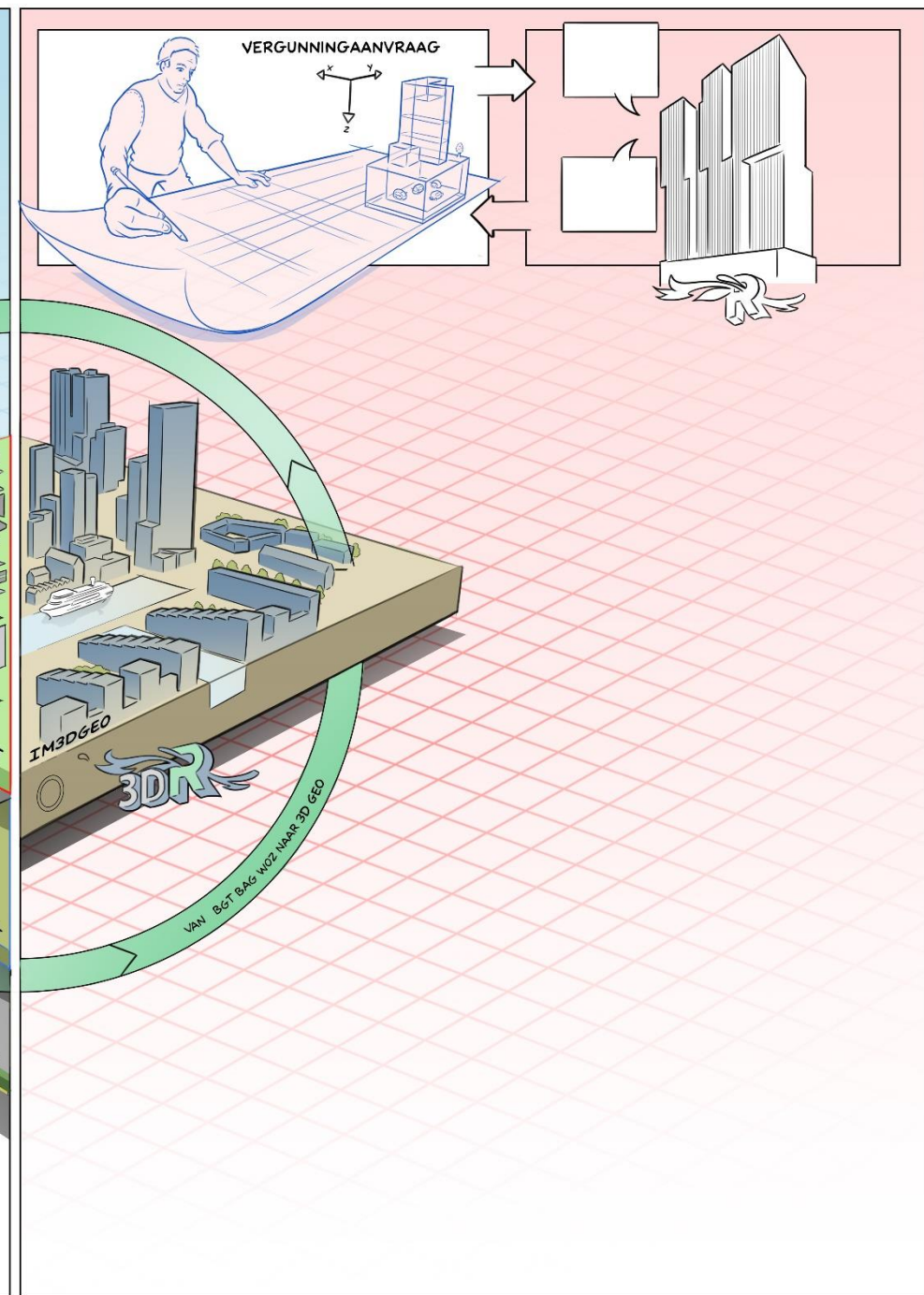
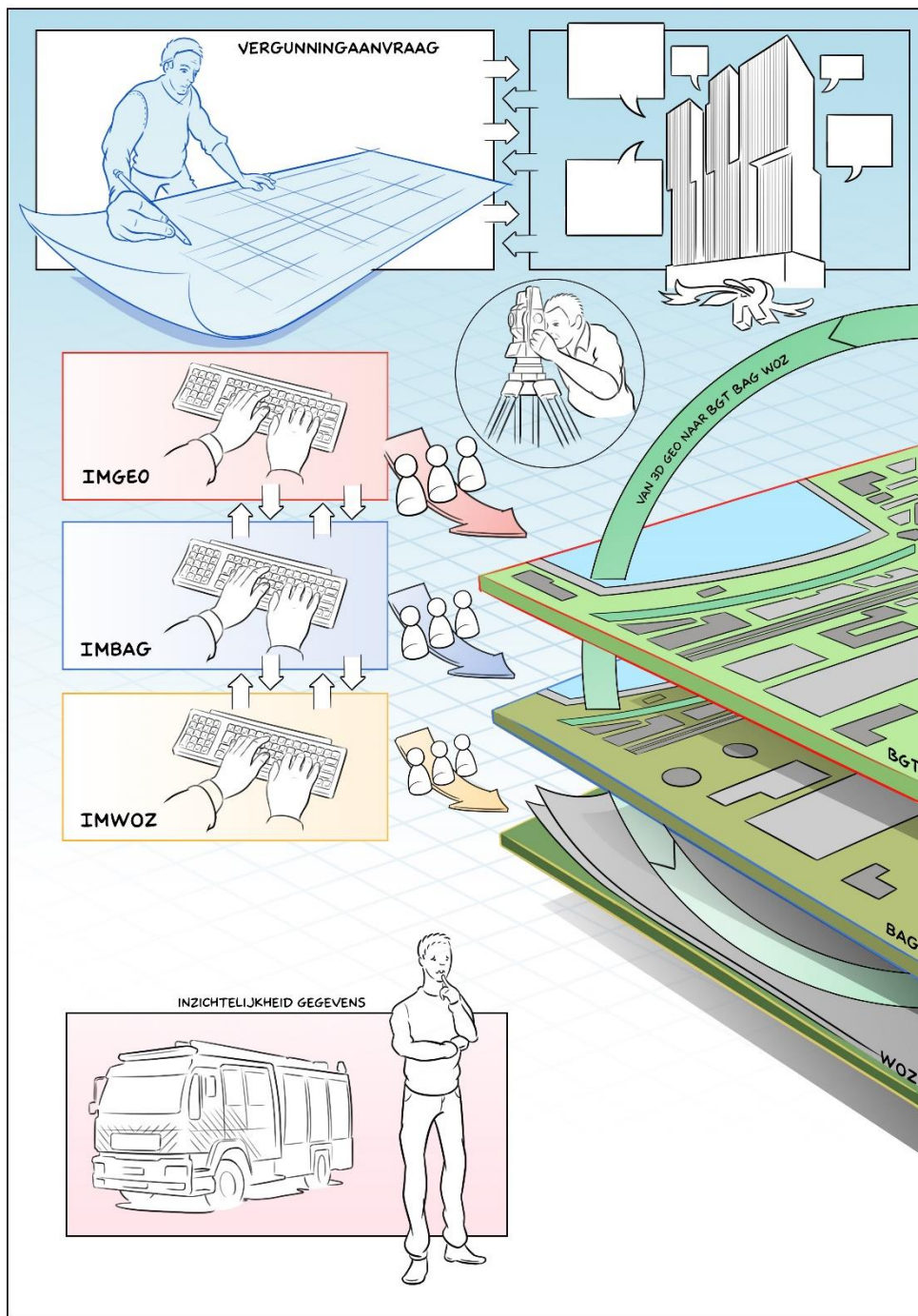


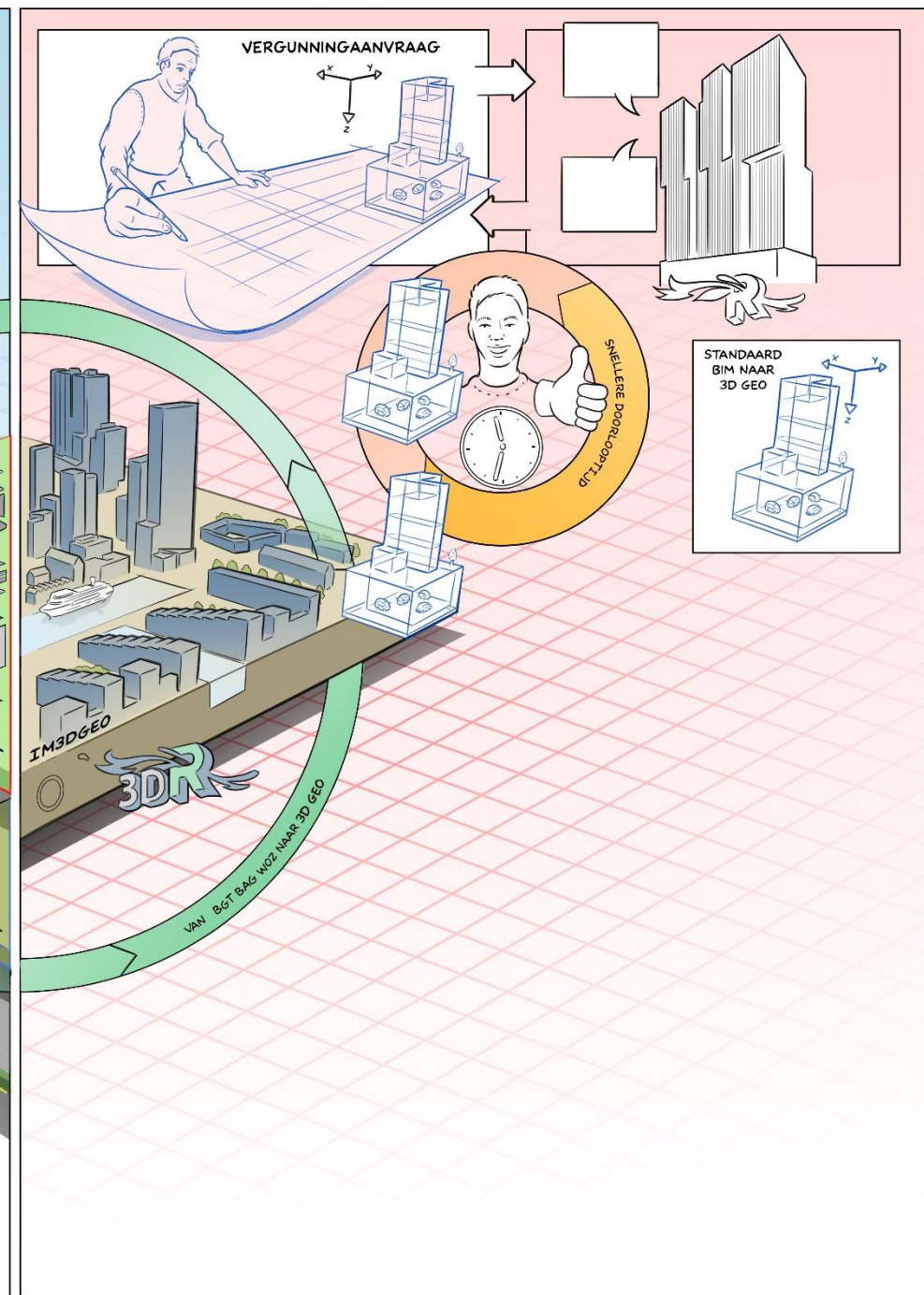
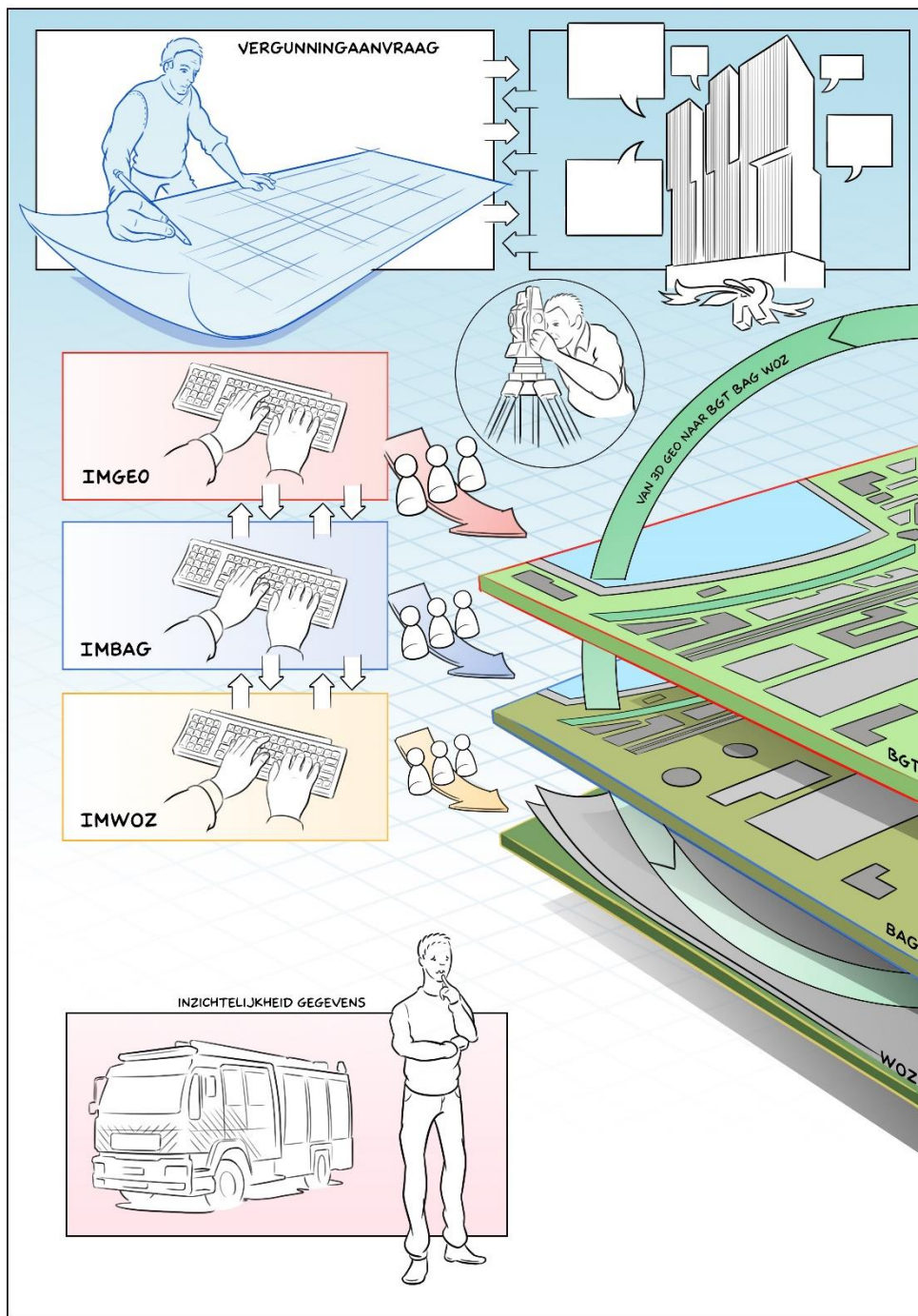


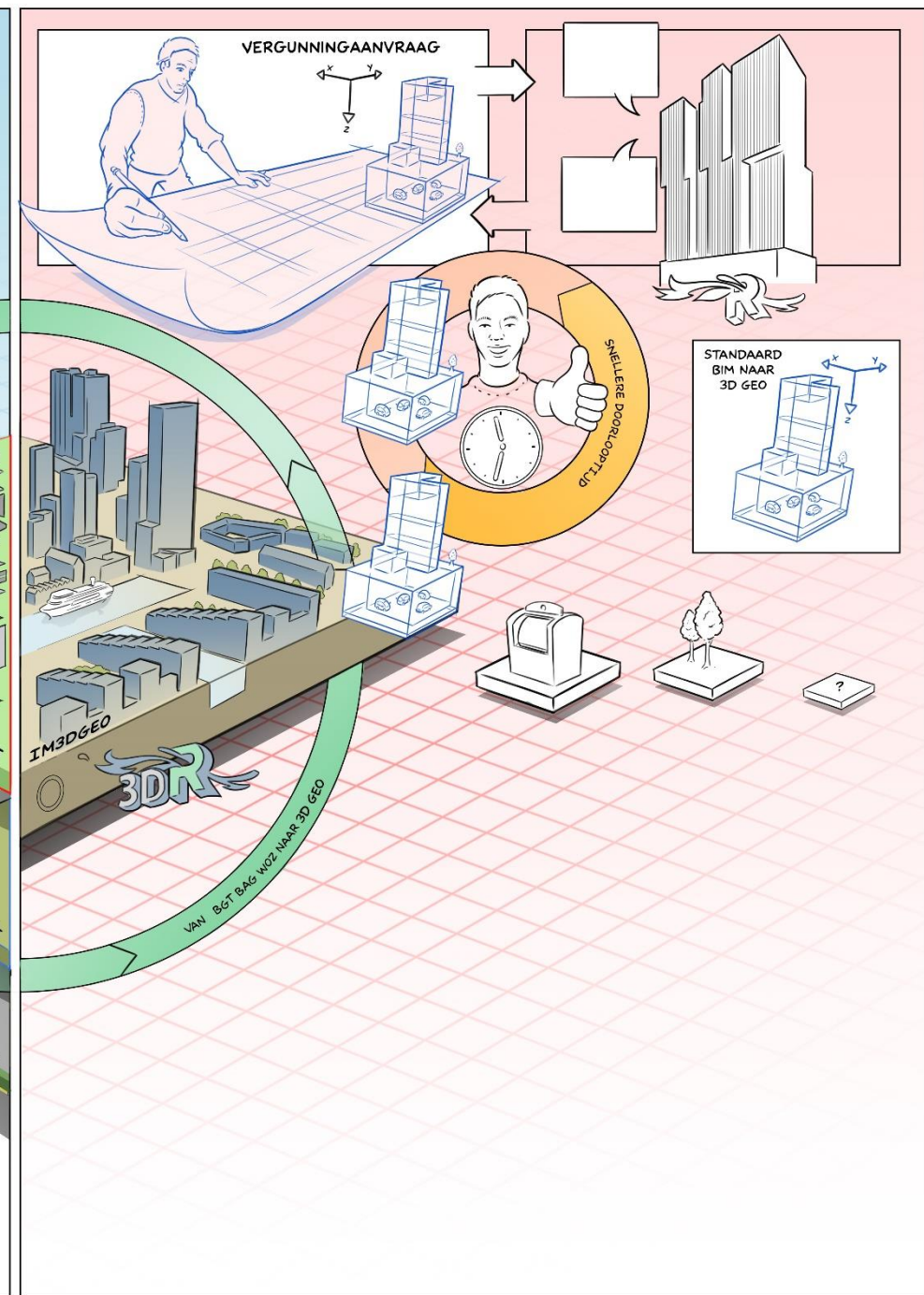
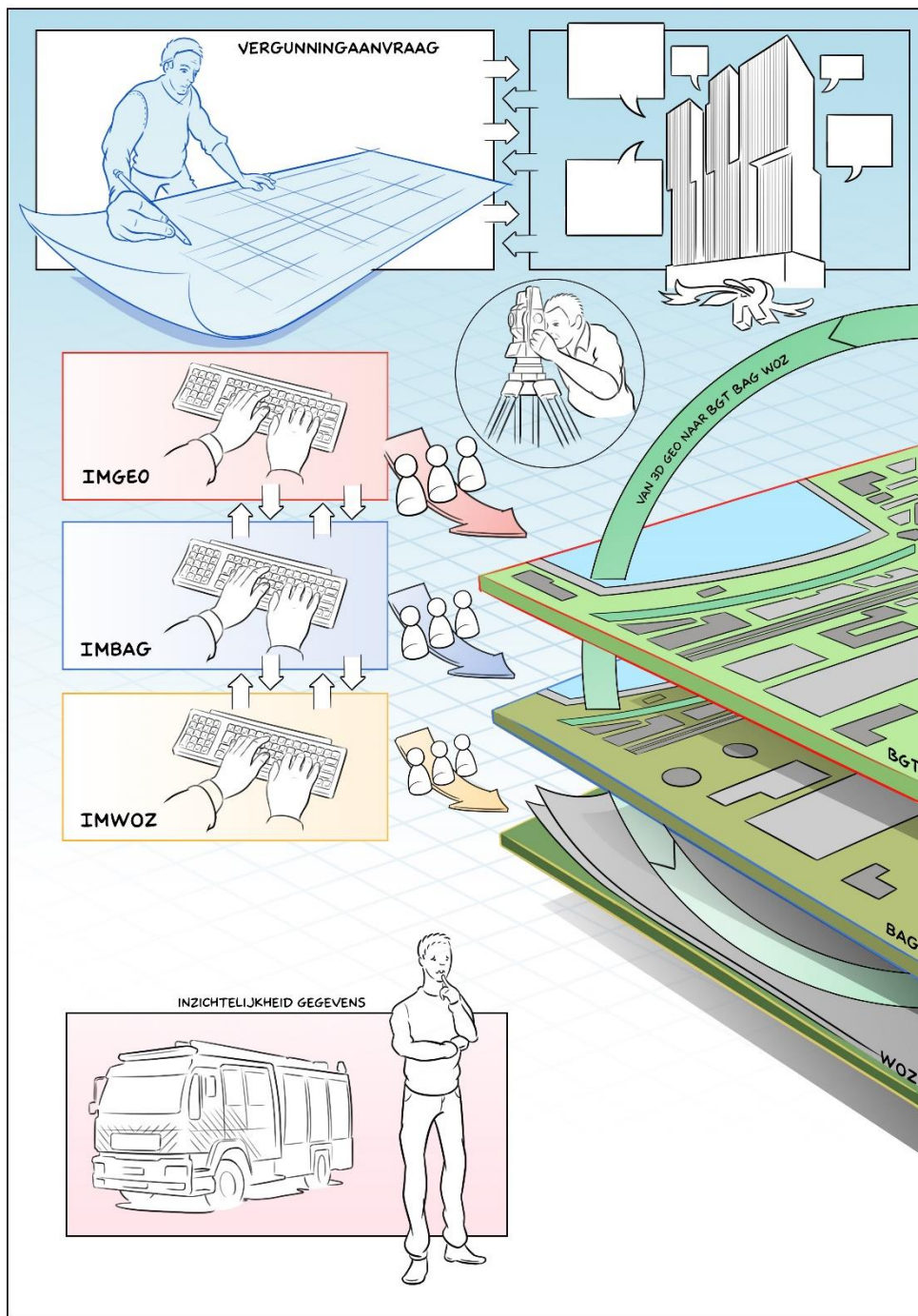


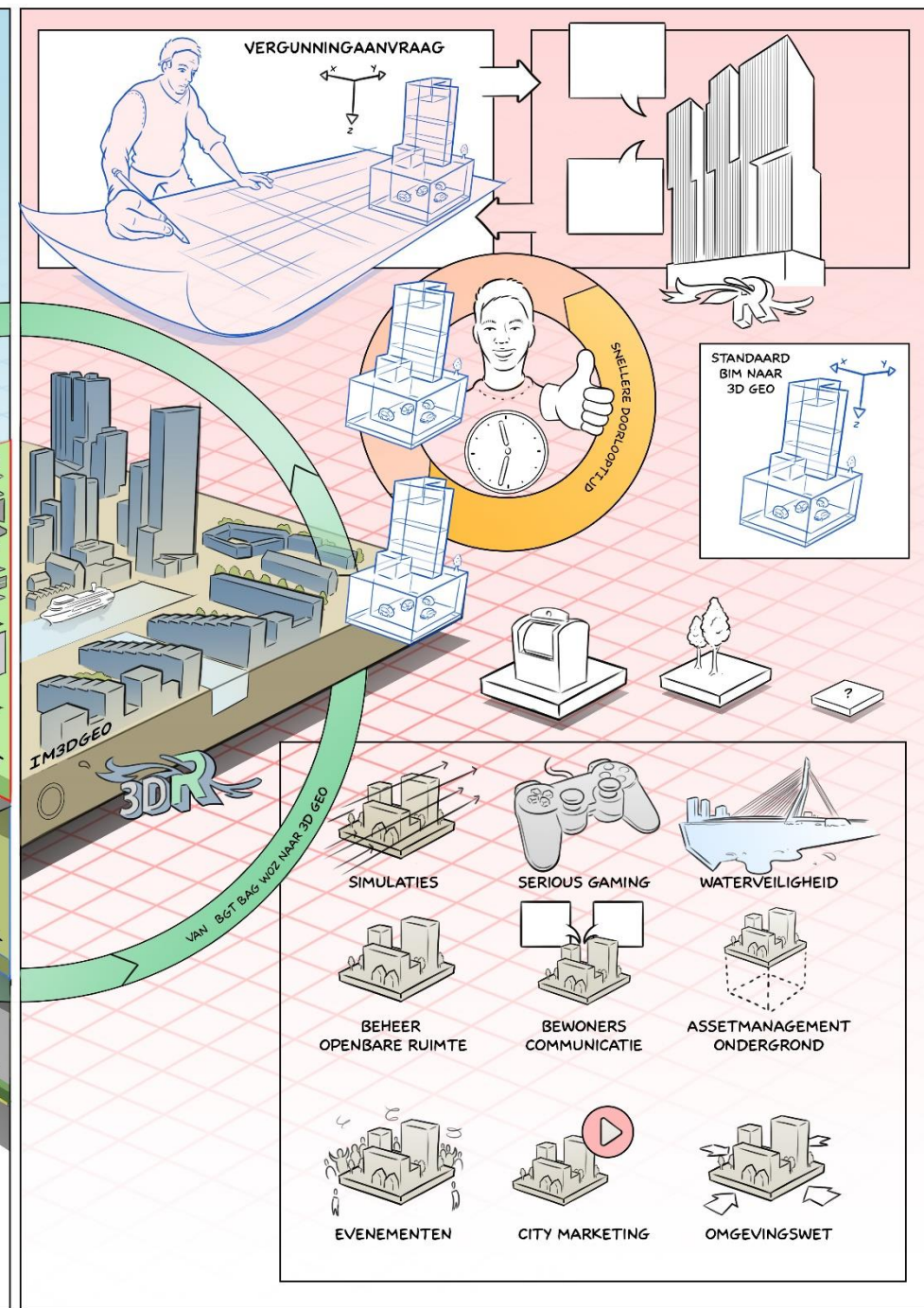
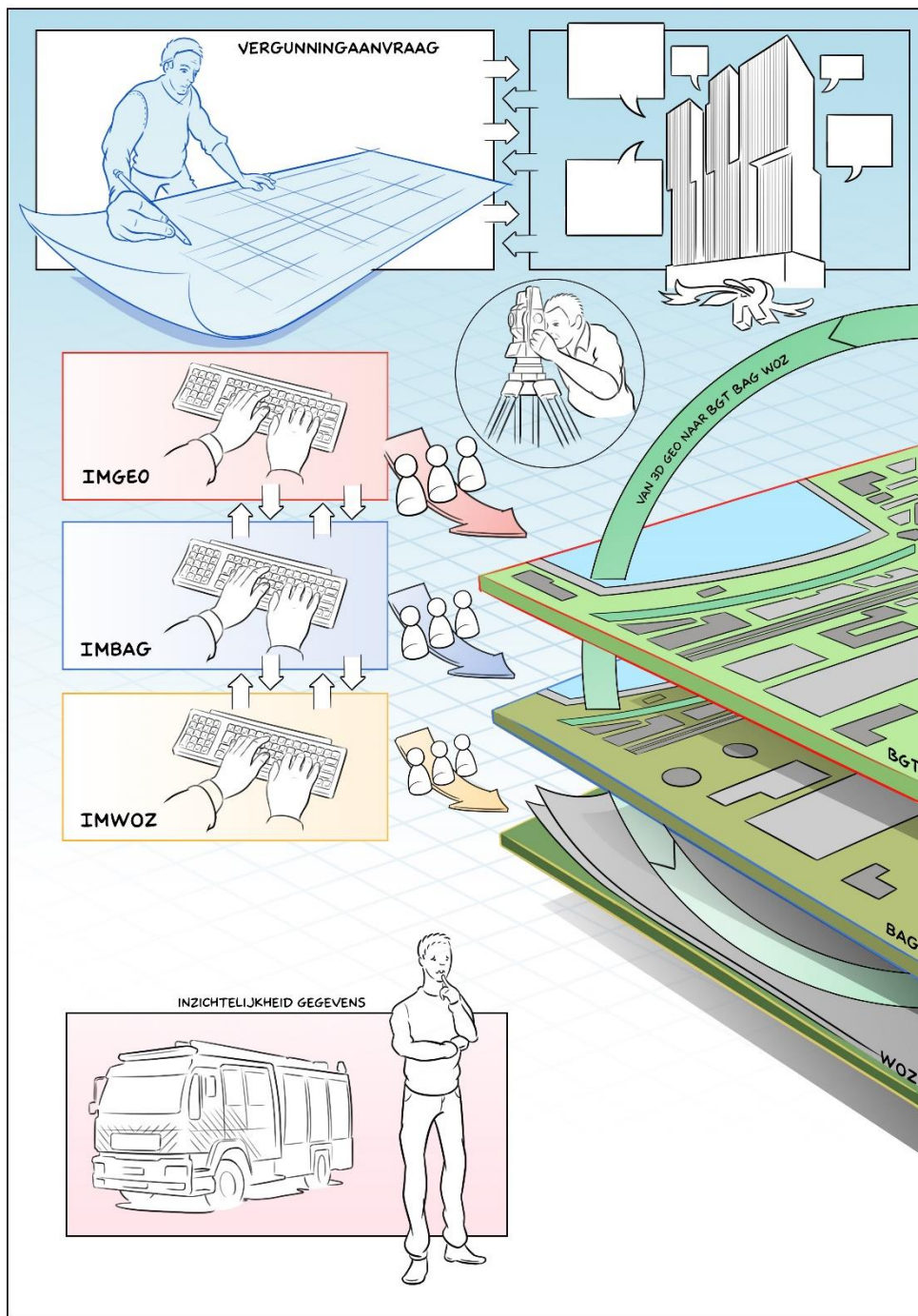




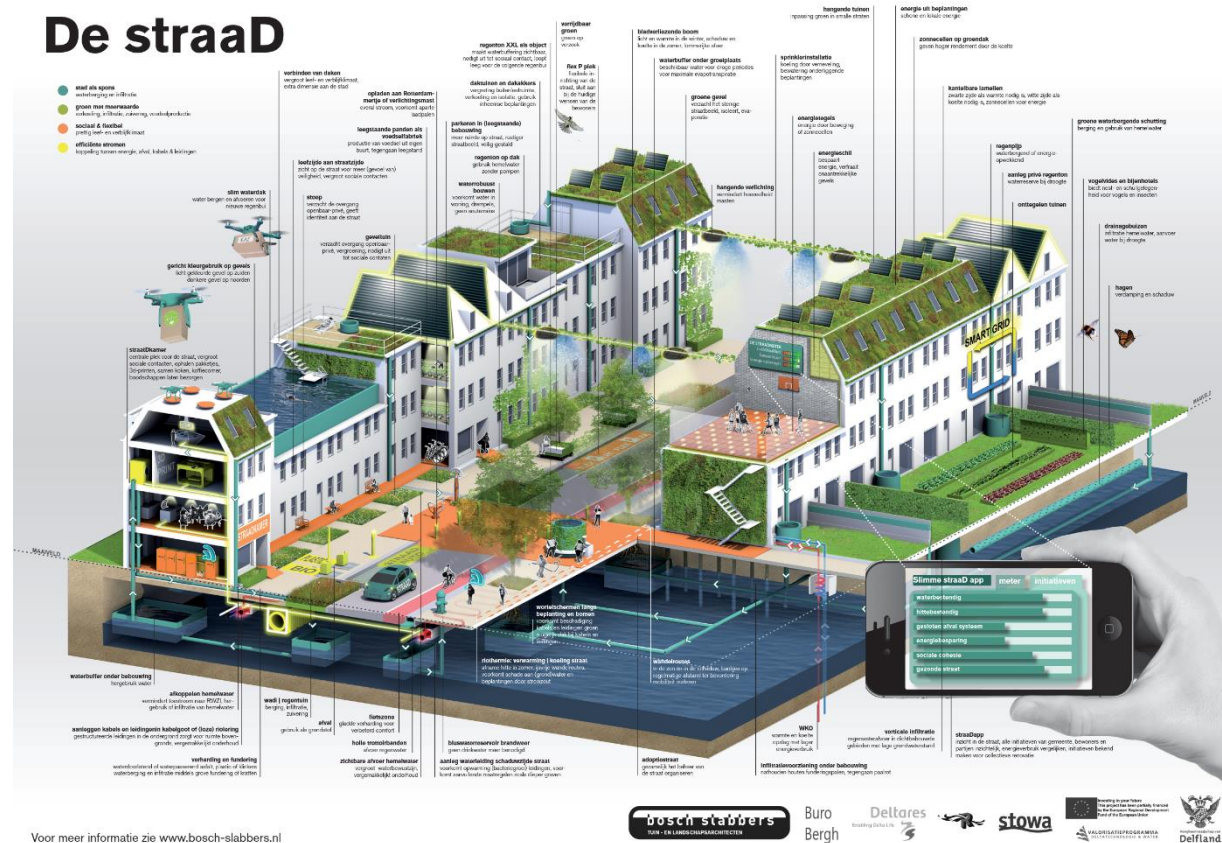
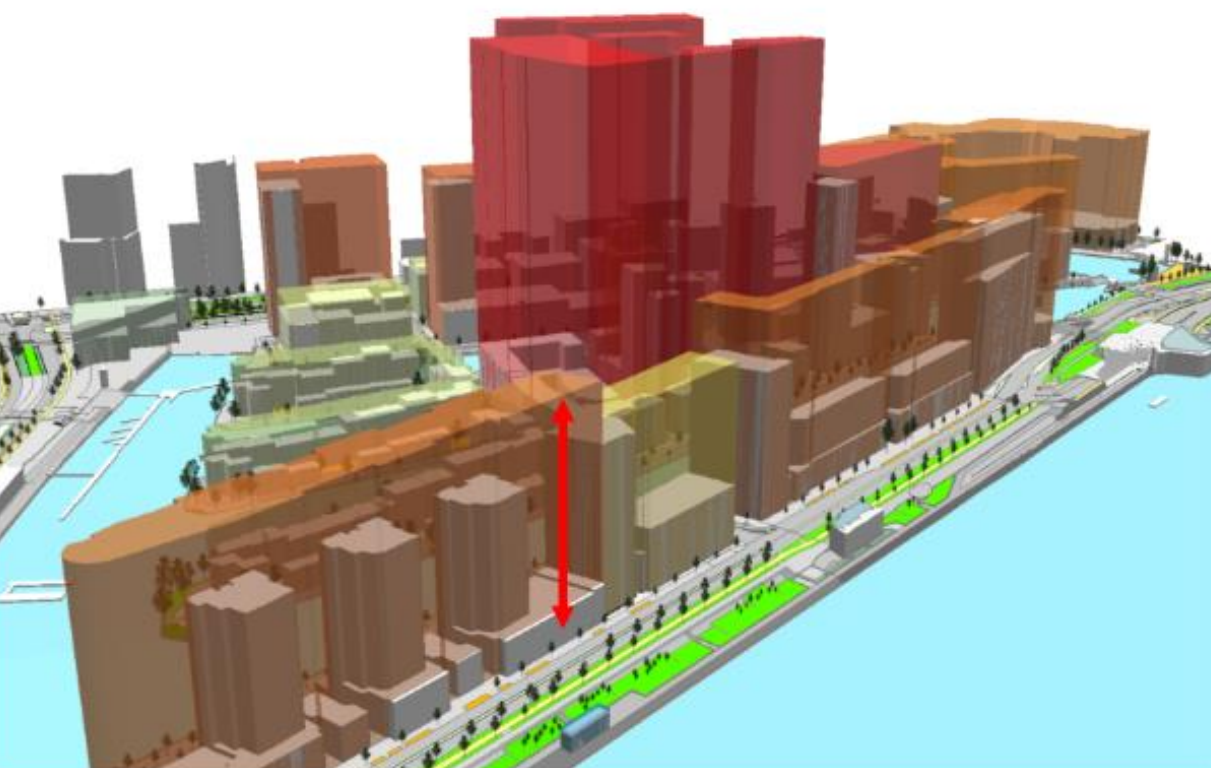








Asset management, Building Information Management, Systems Engineering



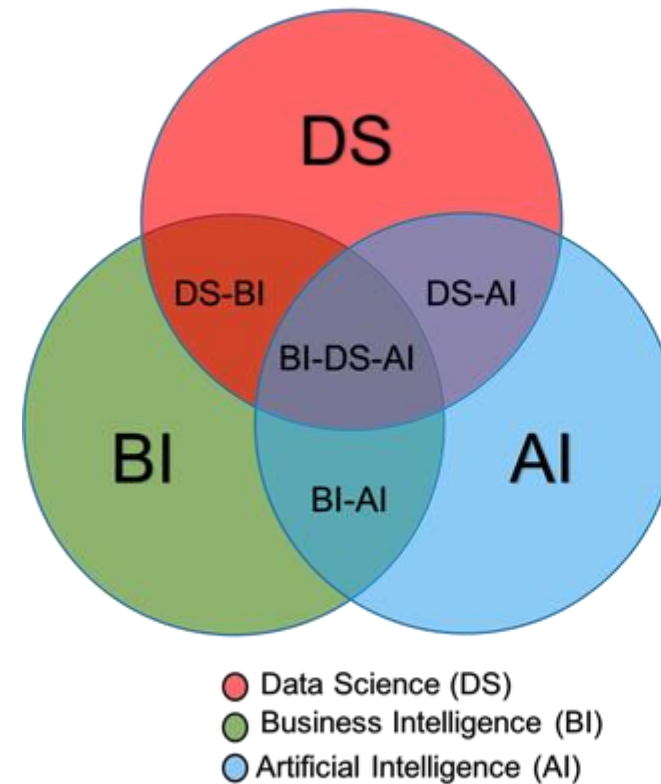
Business Intelligence

Knowledge driven change management

Data Science

Cloud computing & Selfservice

BI and GIS

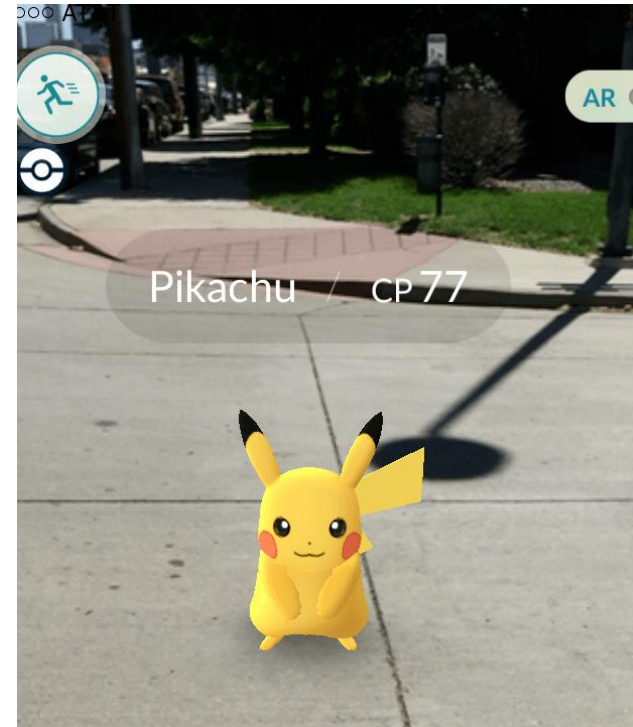


2016 – Chuck Russell @cichuck

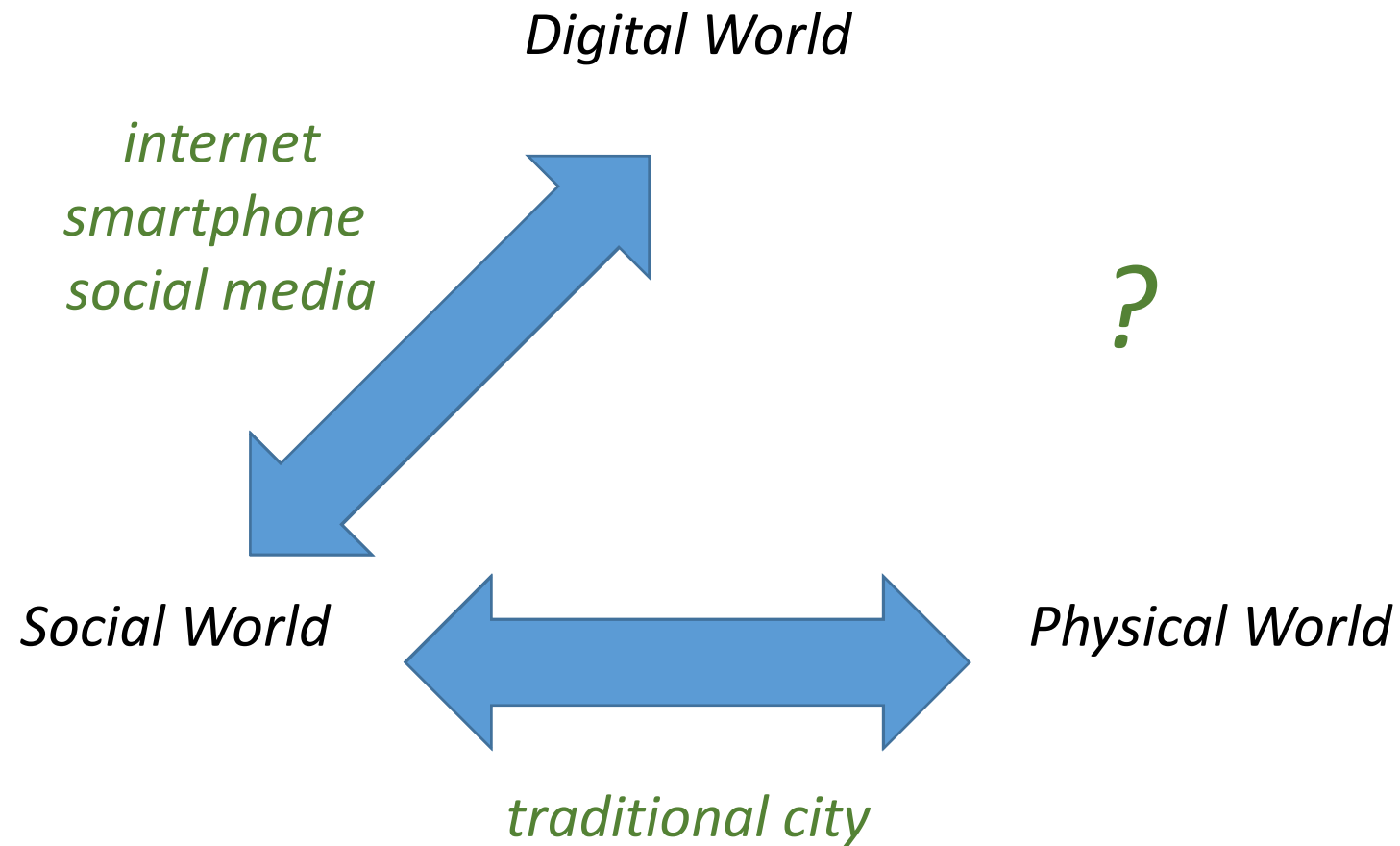
Methods/Techniques	Discipline
Unsupervised Machine Learning	AI
Reinforcement Learning	AI
Reporting/Decision Support	BI
Multi-Dimensional Analysis	BI
Natural Language (Query)	BI-AI
Data Management	BI-DS-AI
Big Data Management	BI-DS-AI
Inferential Statistics	DS
Predictive Modeling	DS
Supervised Machine Learning	DS-AI
Descriptive Statistics	DS-BI
Data Discover/Query	DS-BI
Data Visualization	DS-BI

Digital City Innovation

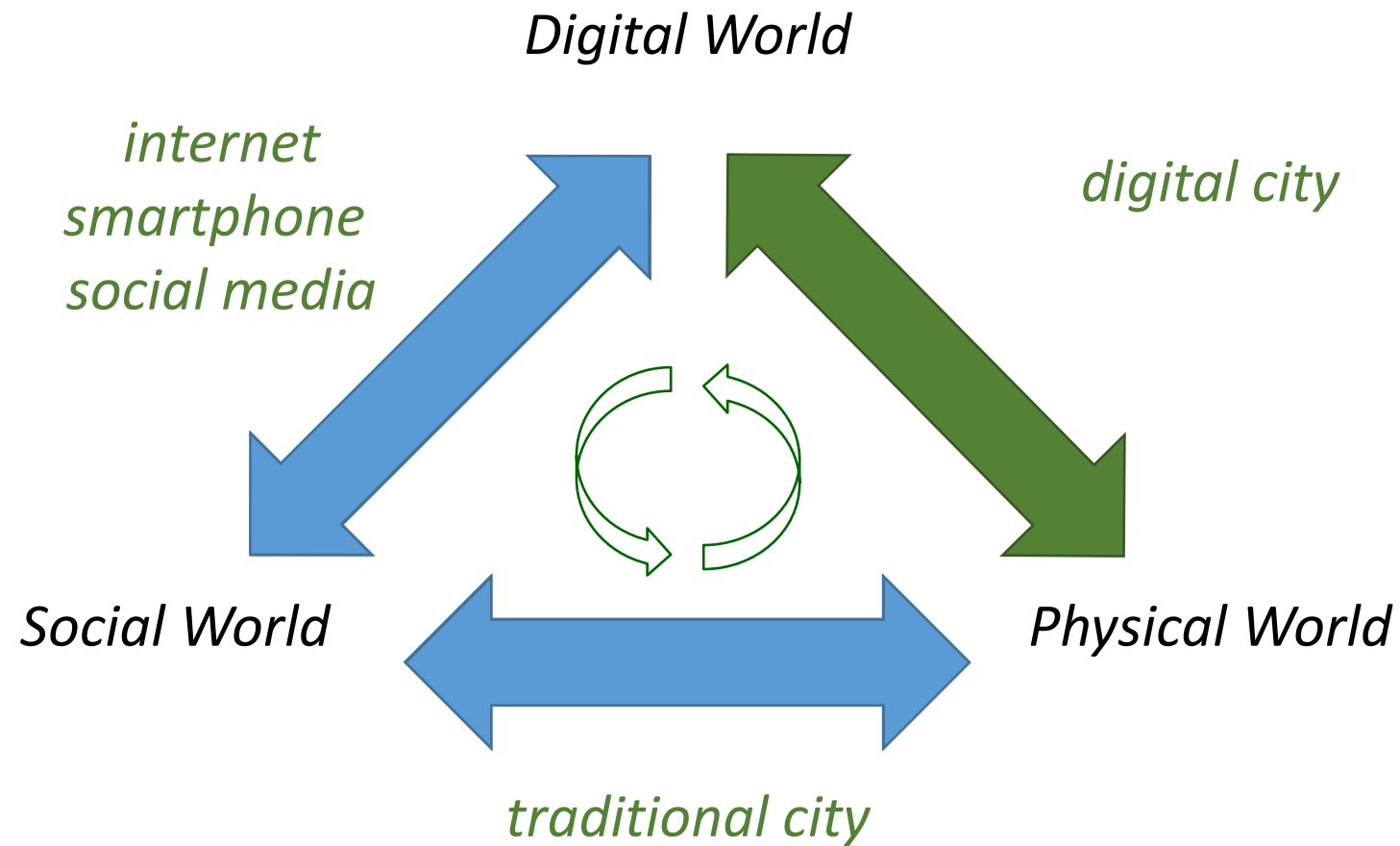
An information and communication platform open to all



Integration of 3 worlds

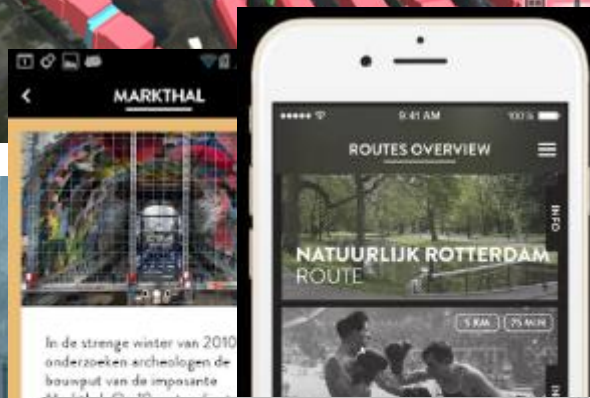


Integration of 3 worlds



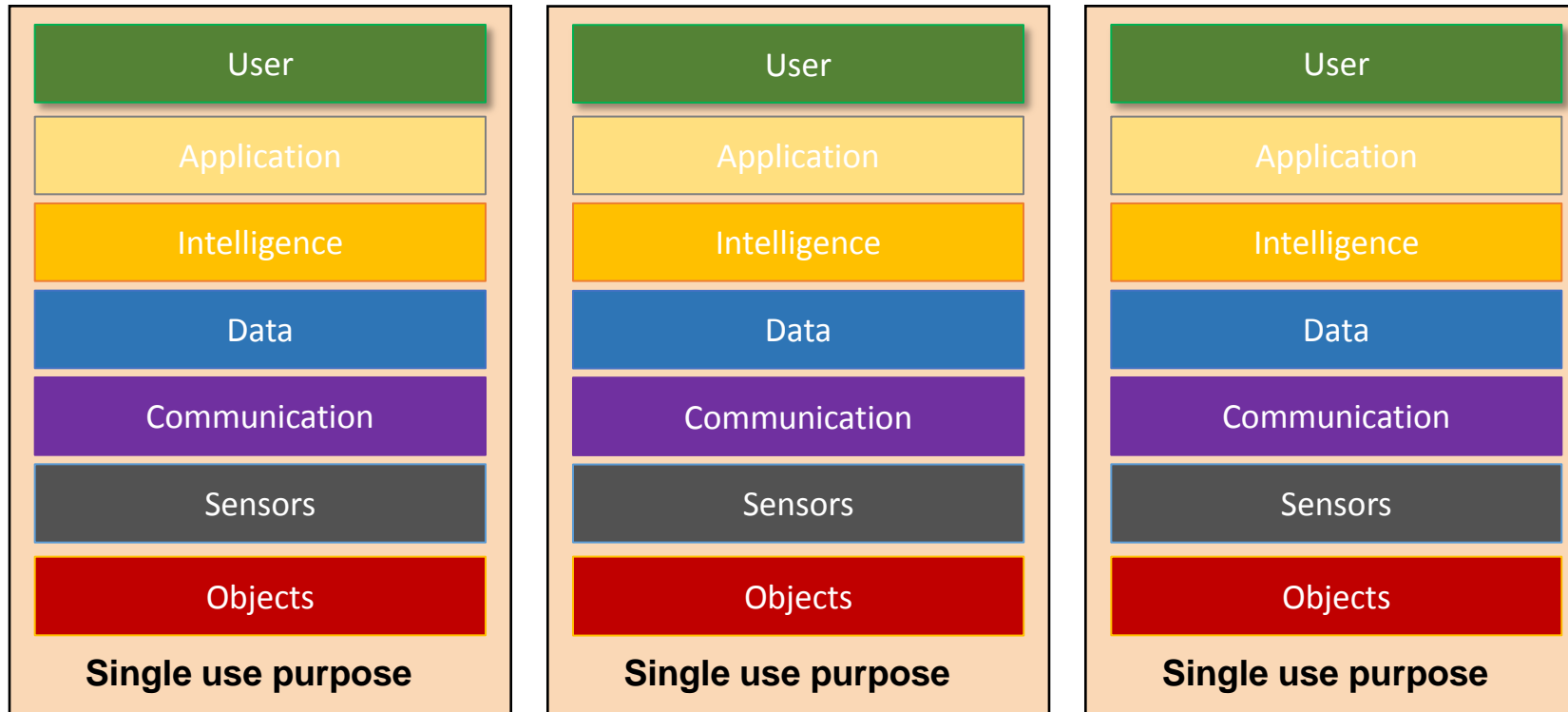


RETO

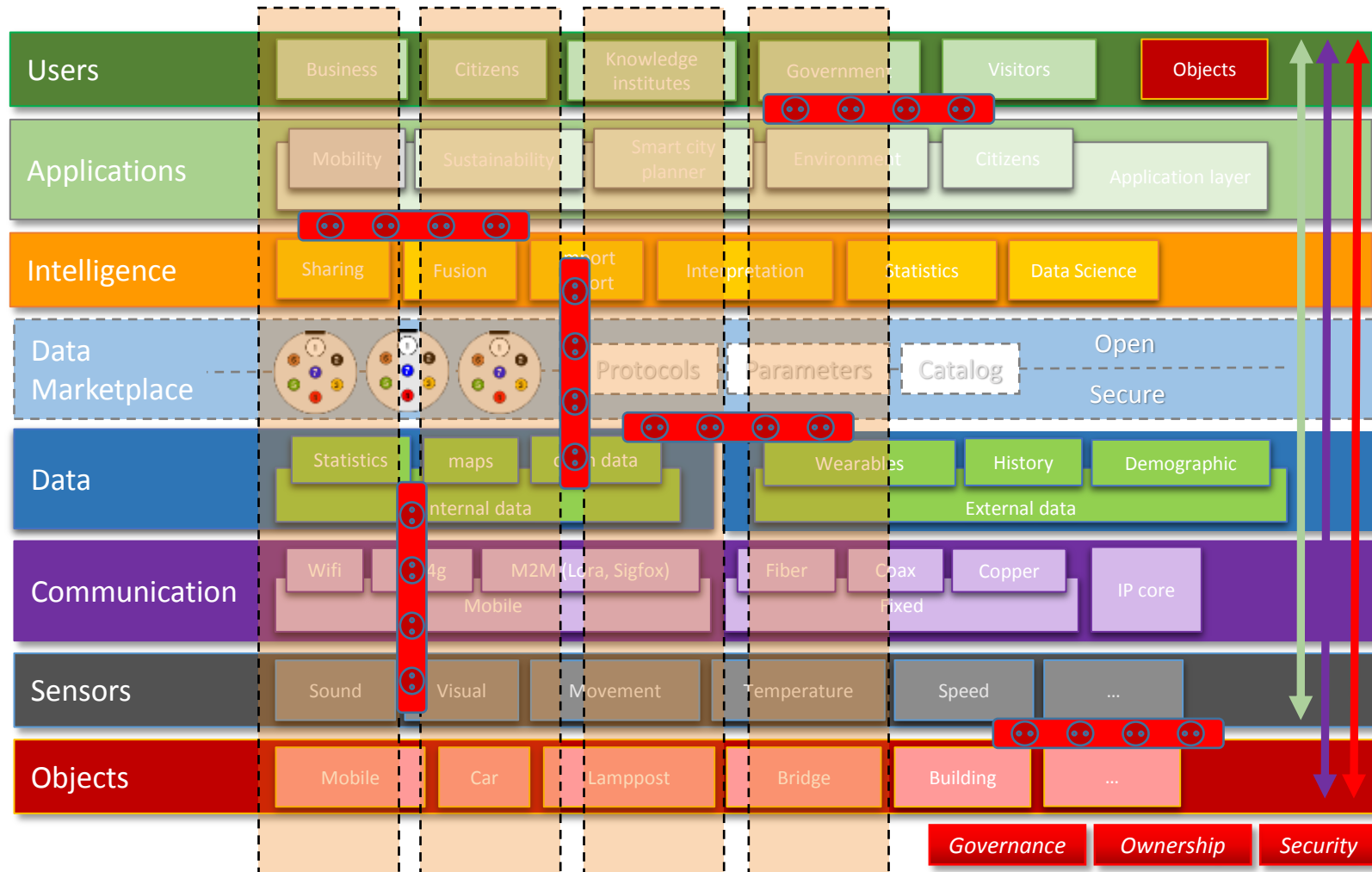


Visual Works

From single purpose to integration



From single purpose to integration



Some of many partners

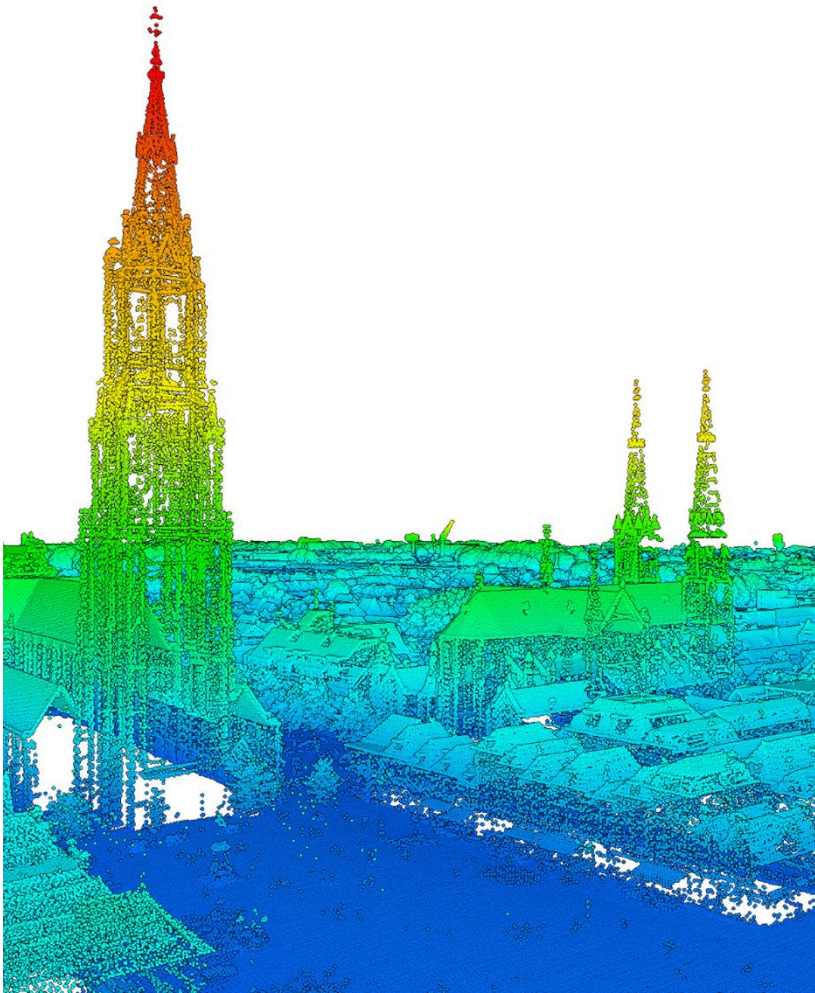
Knowledge institutes

Private sector

Cities



More information



**The Rotterdam City Model, from innovation to implementation
– by Jane Hermans-van Ree @ 3D GeoInfo 2018, October 2nd.**

Excursion to Rotterdam, October 3rd.

Digital City Rotterdam

New technologies.
Smart collaborations.



Thank you

