



ADVANCED OBJECT DETECTION IN MOBILE MAPPING DATA



About enlite



DeepTech Company



Award Winning Solutions



Established in 2017
Located in Vienna

applying ...



Computer Vision
& GeoAI



1st Place European Public
Sector Award '21
& IÖB Challenge'22



Seed-Stage
Startup



1st Place - Learn to run
a powergrid challenge'22



20 team size



Reinforcement
Learning



Austrian state award for
innovation - **1st Place** in
the category energy &
sustainability

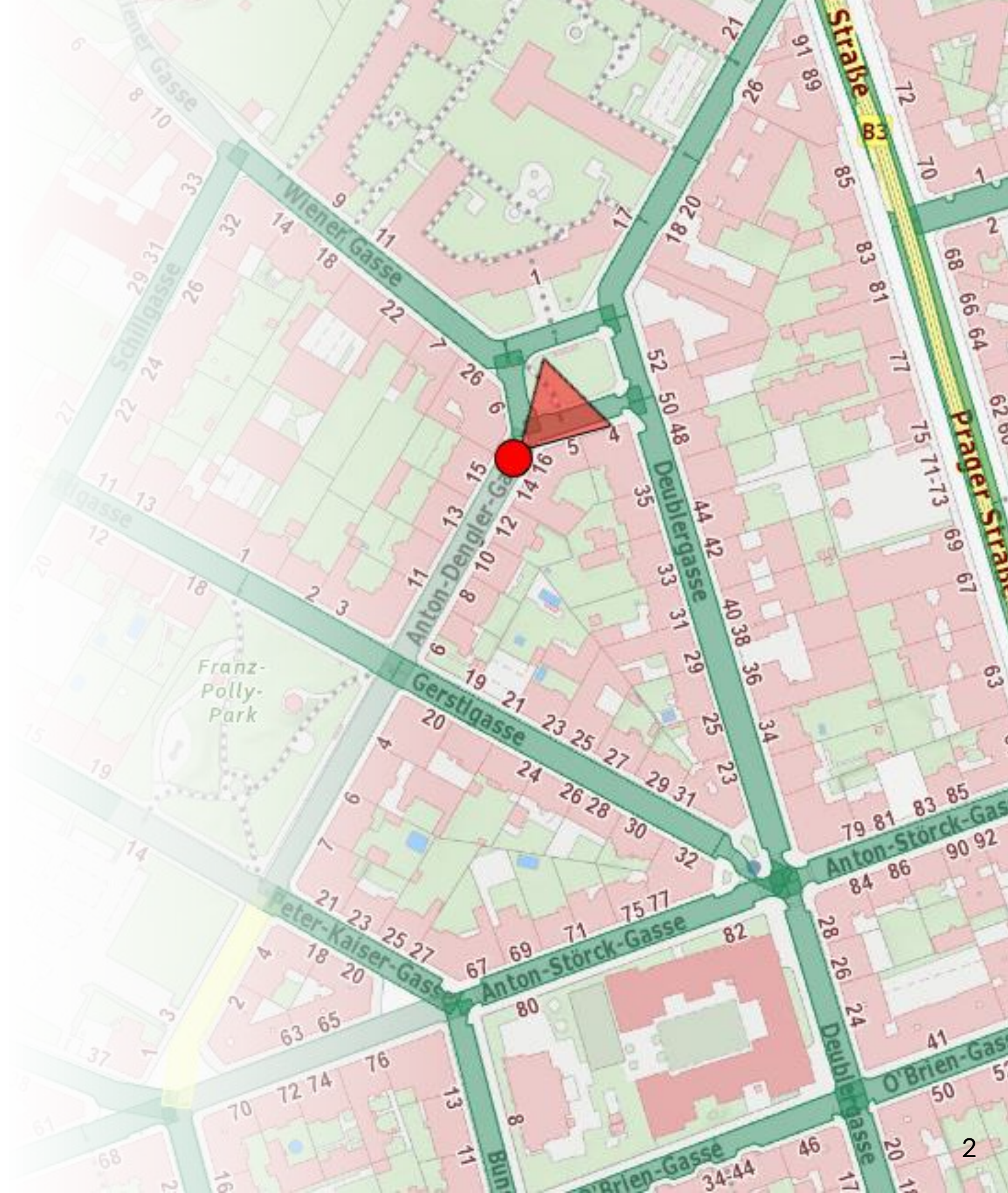


Publishers of the
**Austrian
AI Landscape**
<https://www.enlite.ai/insights>

About Detekt

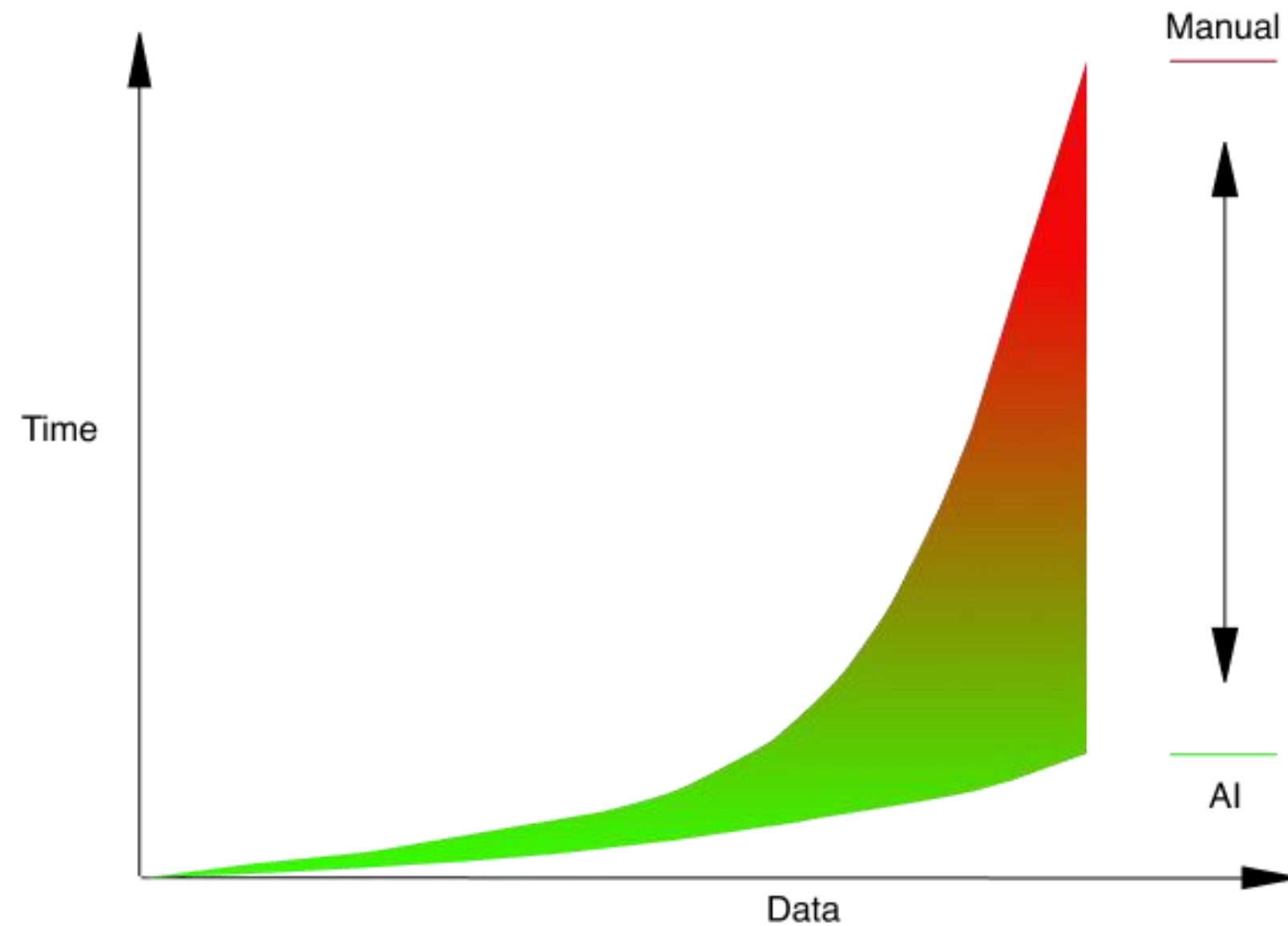
Detekt is a modern geospatial data platform for object detection in mobile mapping data, supporting the entire asset management life cycle.

Detekt is manufacturer-independent and works with GIS data, point clouds as well as georeferenced images with a wide variety of localization features. Already existing objects or classes can be imported as shapefiles for further use.

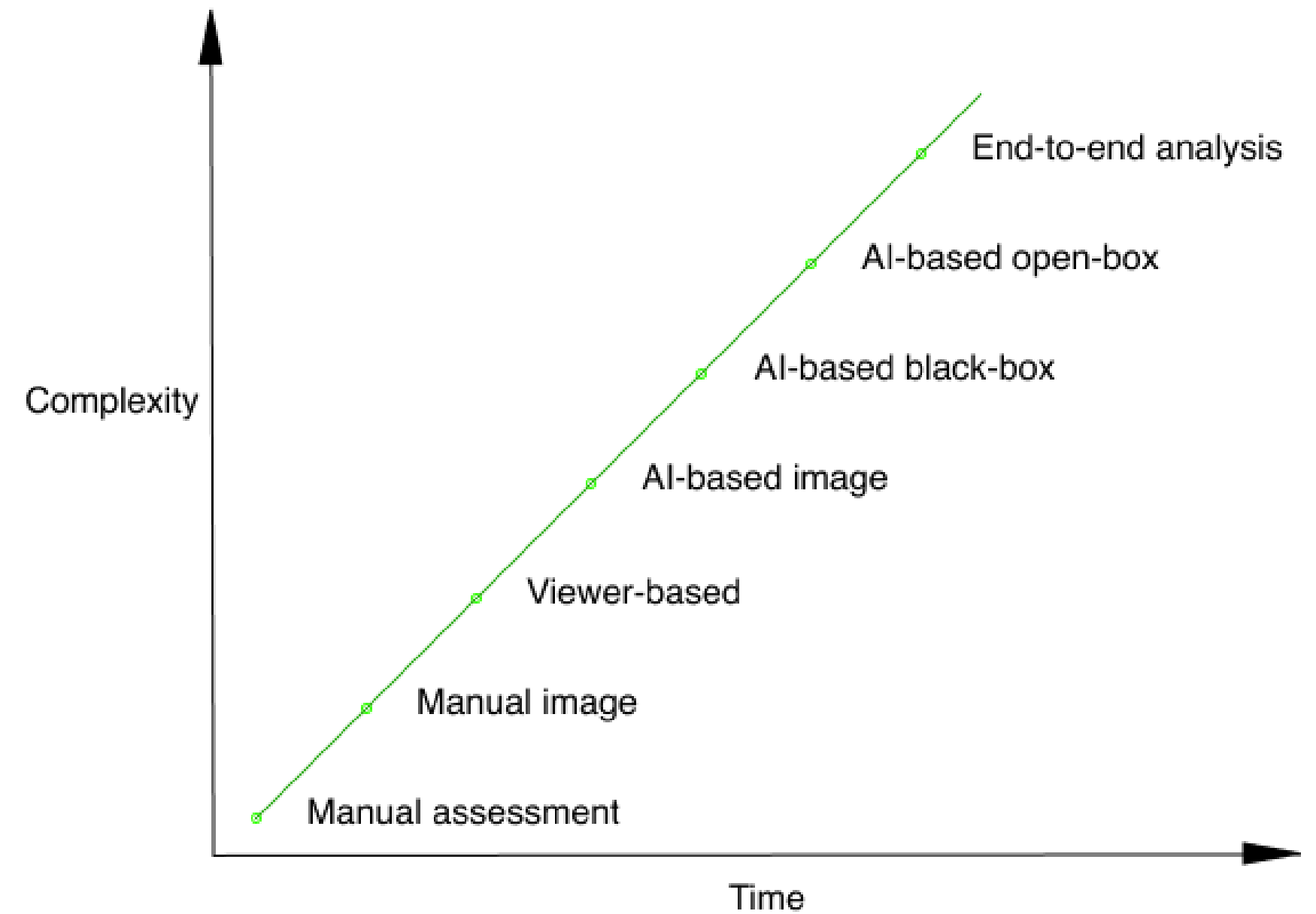


Why AI is key in data utilization

Gap between collection & utilization increasing



AI will drive utilization



Road defect detection

Defect detection



Identifies over 20 types of road defects

Defect projection



Projects and fuses detected road defect onto a real-world coordinate map

Condition analysis



Evaluates pavement condition according to local standards

Road markings

- Automated detection
- Precise mapping and positioning
- Assess current condition
- Visualize on top of orthophoto

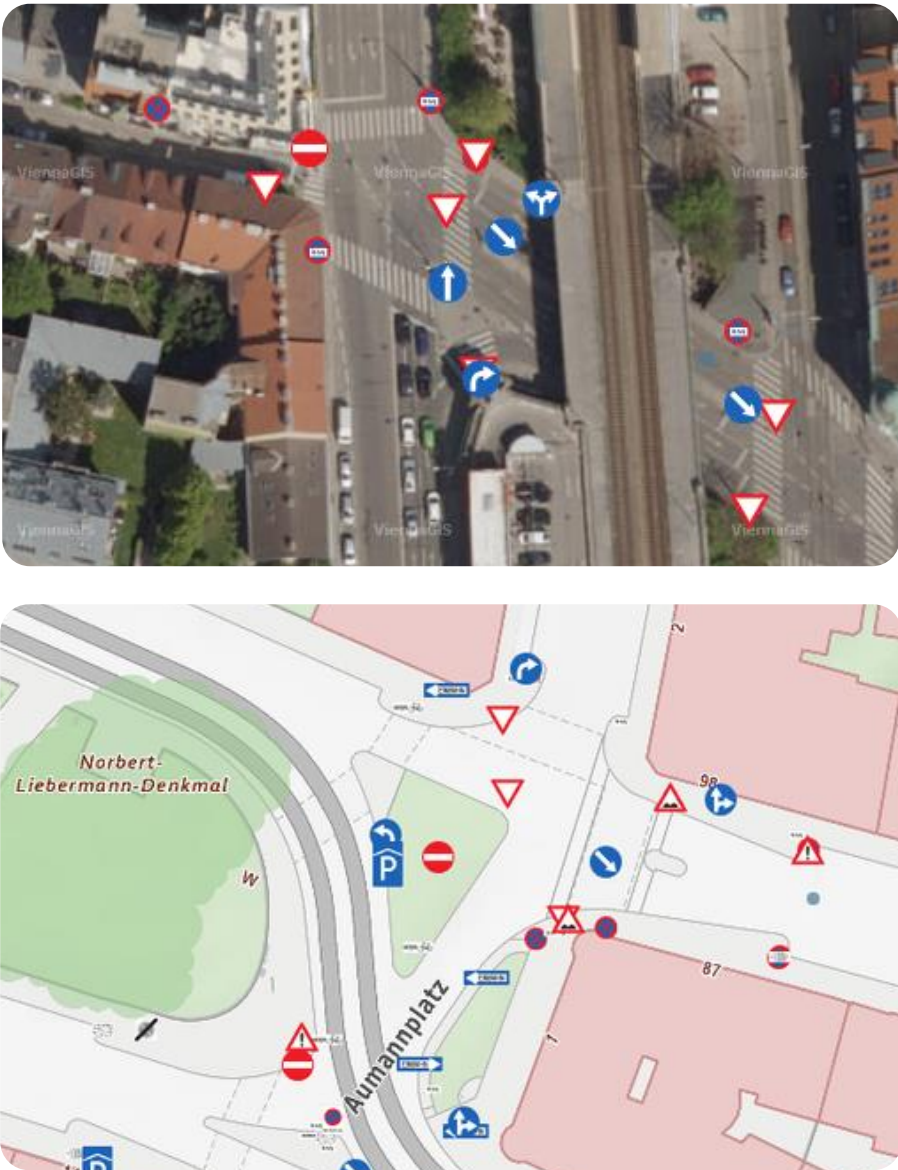


Traffic sign detection & localization

Detection & identification



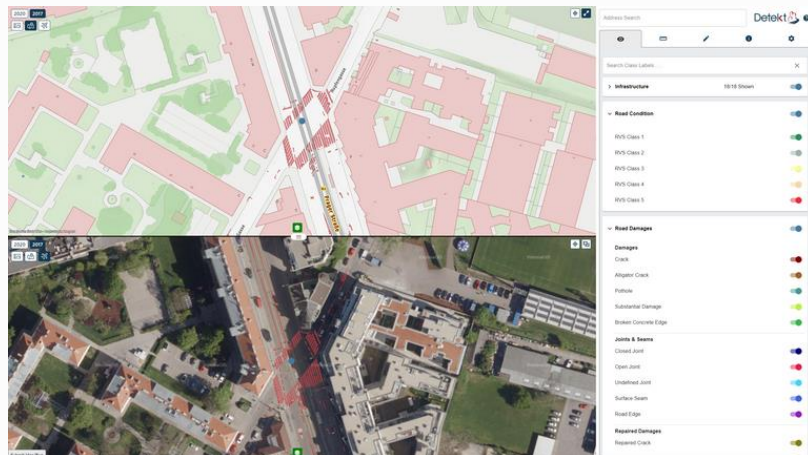
Projection & localization



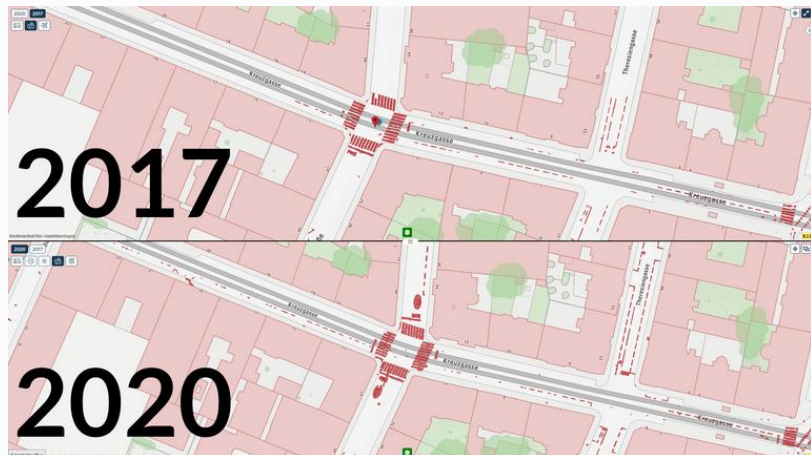
Inventory



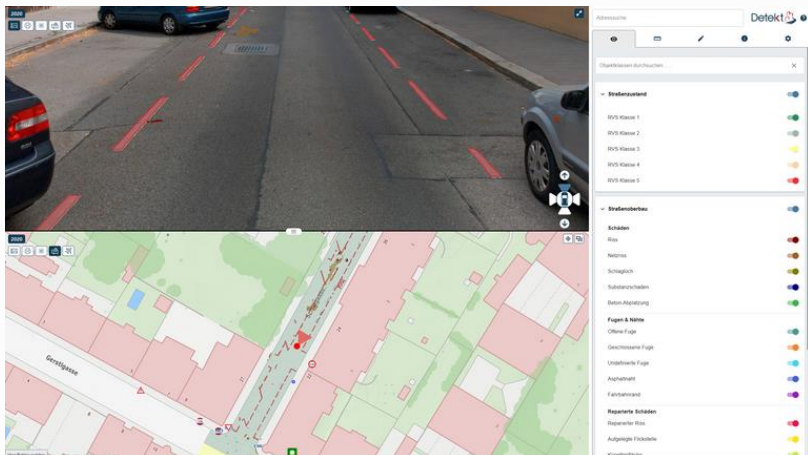
Results are seamlessly integrated into your processes & workflows



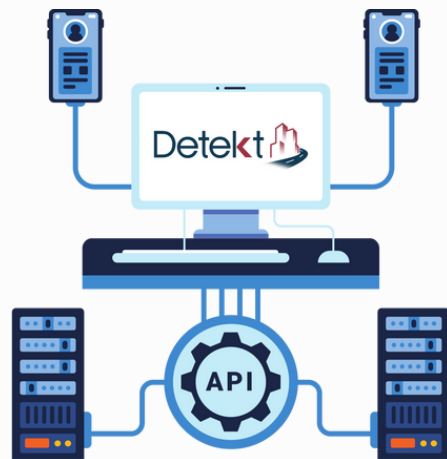
Visualization in map view



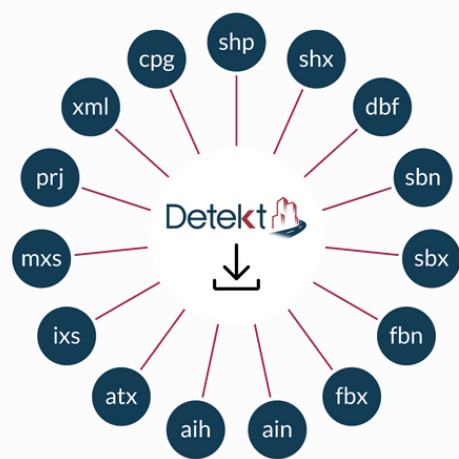
Comparison over time



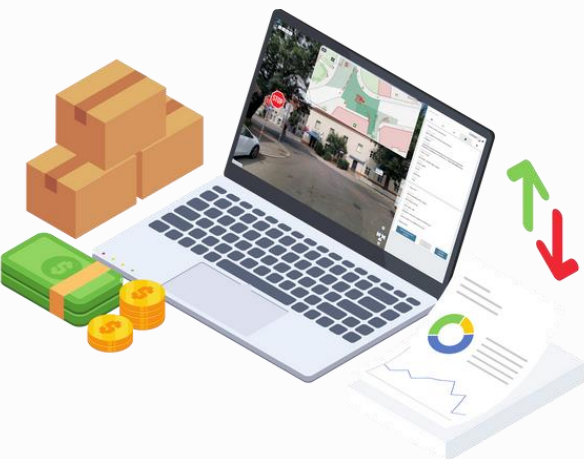
Examination in viewer



Provisioning via **REST API**



Export as shapefile in common GIS data formats



Matching with inventory in **database**

Our competitive advantage

Hardware agnostic

Detekt is manufacturer-independent, enabling maximum flexibility on our customer side



Pricing transparency

Pay only for what you need



Continuous Improvement

Models are continuously improved through constant annotation & training



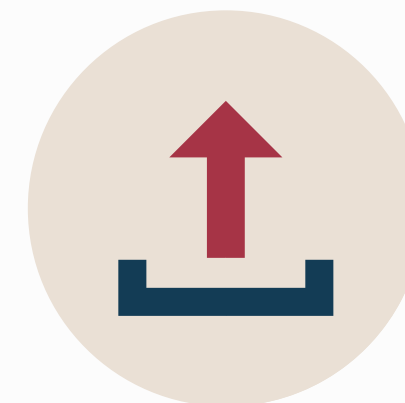
Flexibility

Detekt works with most common data formats



Security

Role-based access control, data protection and secure APIs



Upgradeability

Modular architecture enables easy application of new use cases

Our track record



Operating at scale

Detekt is already in use by the city of Vienna, covering over 5.000 lane kilometers



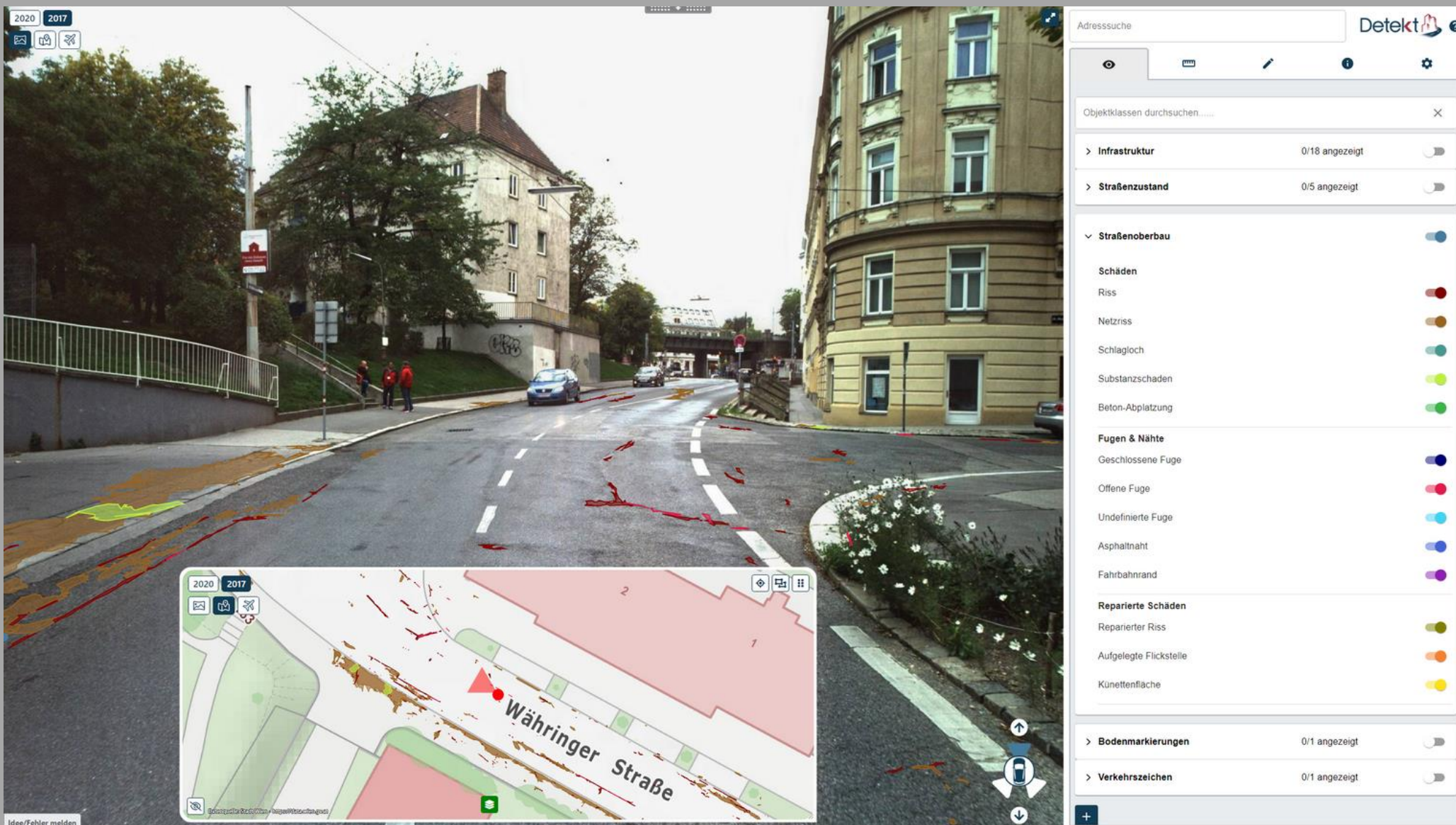
Winner of the IÖB Award

Detekt was chosen as the best public sector solution in 2022



European public sector award

Together with the City of Vienna, Detekt was awarded as the most innovative public sector solution in Europe



Try out the Demo

www.detekt.it/demo



Contact



www.detekt.it
hello@detekt.it



enliteAI GmbH
Wollzeile 24/14
1010 Vienna | Austria



+43 (1) 424 0039

