

Infrastructure Monitoring from Space

Bringing satellite-data to decision-making

Candela Sancho
CEO of Detektia

By

 detektia

Lack of preventive maintenance & Early detection of failures

Genoa Bridge (August 2018)



Deformation monitoring

Crucial for user safety,
infrastructure integrity and
resilient assets.



Current solutions are not enough

It is technically and economically impossible to control large infrastructures or even entire cities only with personnel or instrumentation on the field.

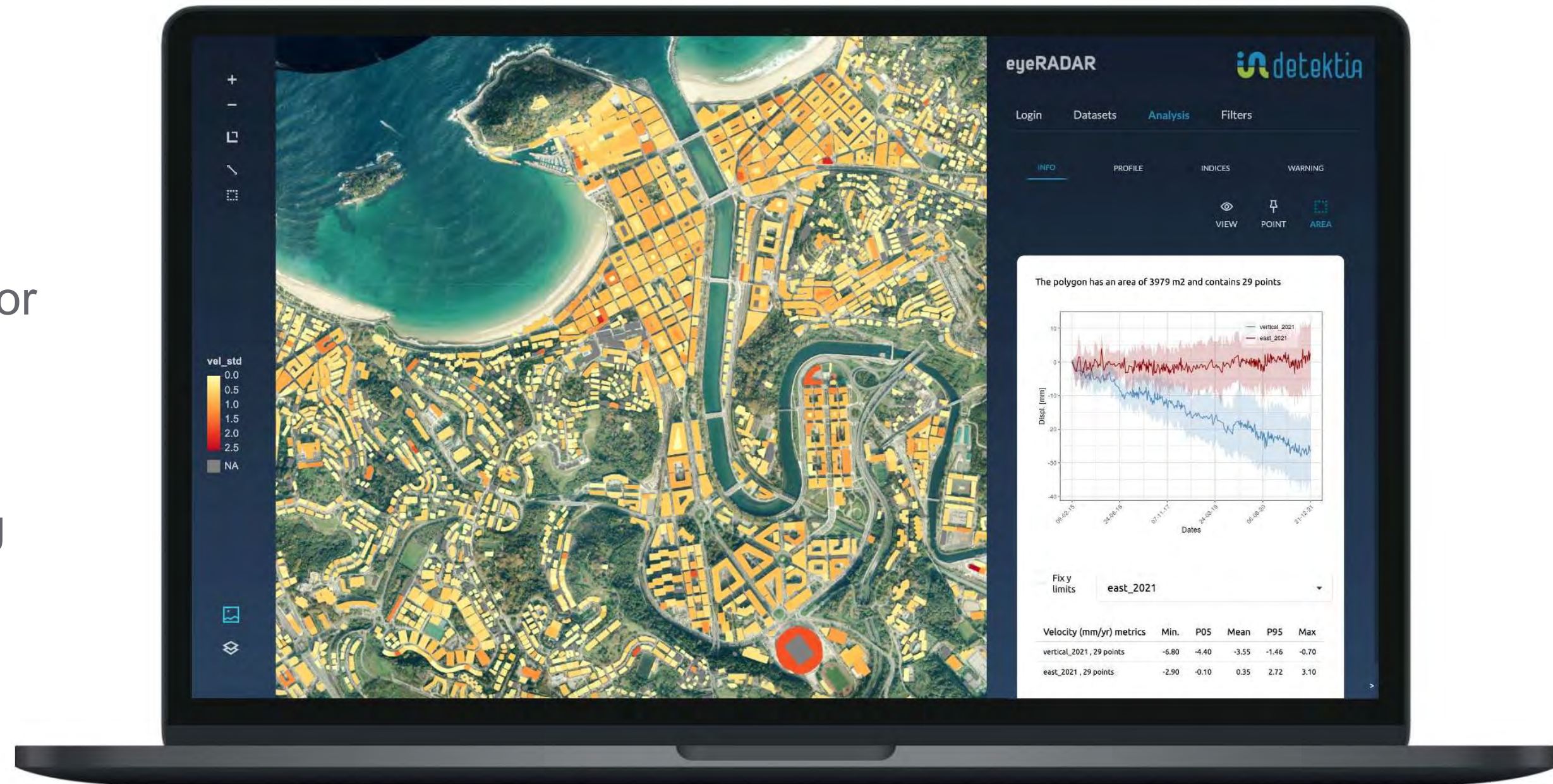


Our solution

EyeRADAR

Satellite-based early warnings for the infrastructure sector.

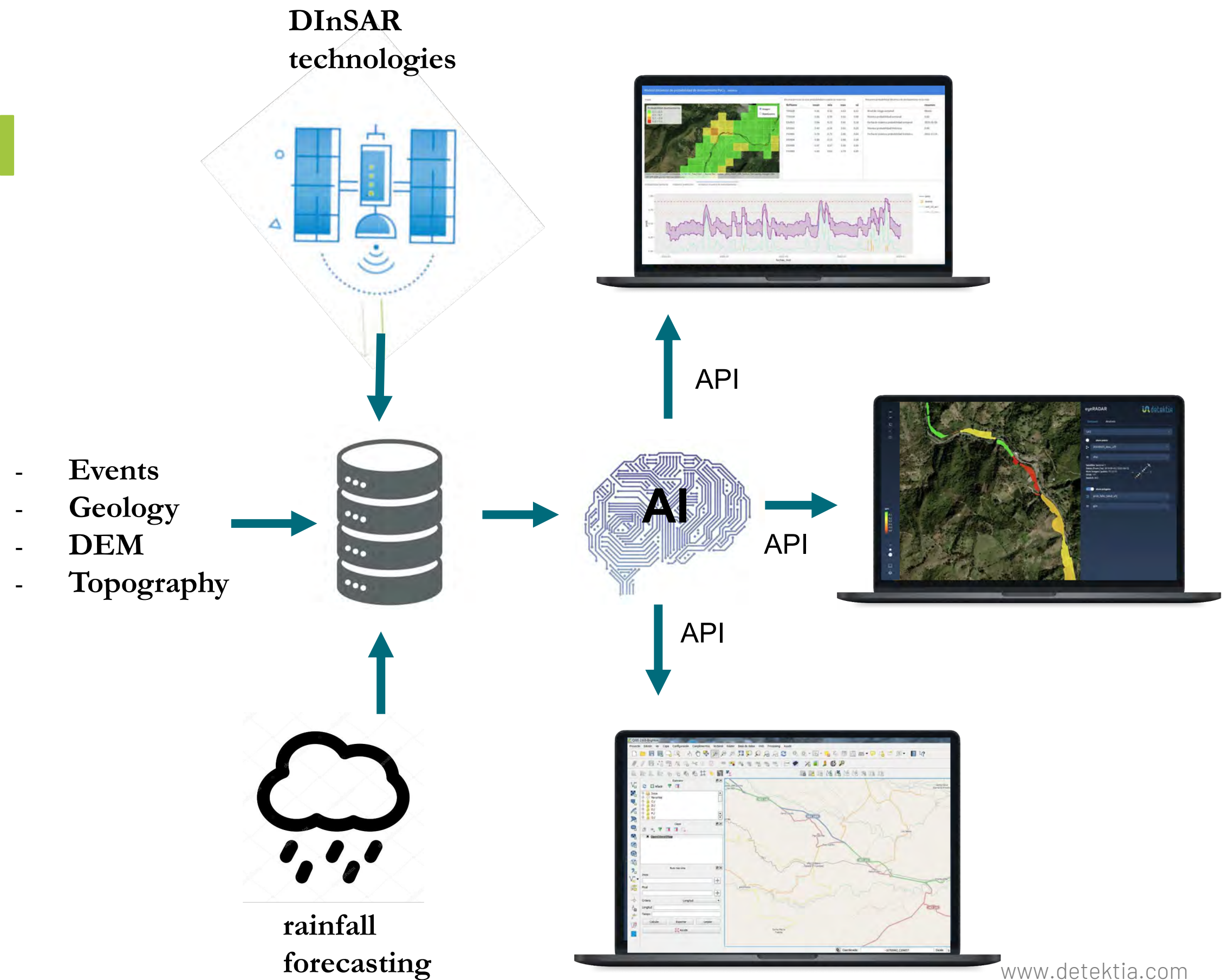
Integrates RADAR satellite technologies, Machine Learning and Artificial Intelligence algorithms.



Digitization & AI technology

All relevant information into a single common database.

All info combined with AI models allow the identification of vulnerable infrastructures, buildings or slopes on a daily or monthly basis.



Business model

Recurrent subscription, from monthly to annually

EyeRADAR API

GIS, BIM, Digital Twins...

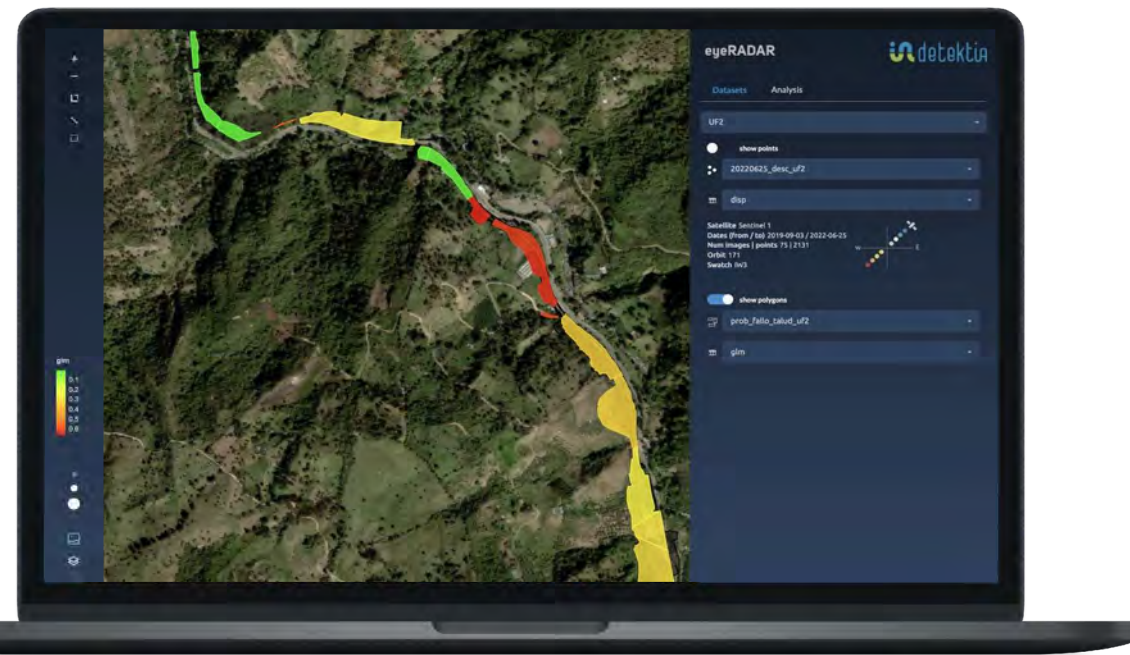


EyeRADAR platform

Complete monitoring solution

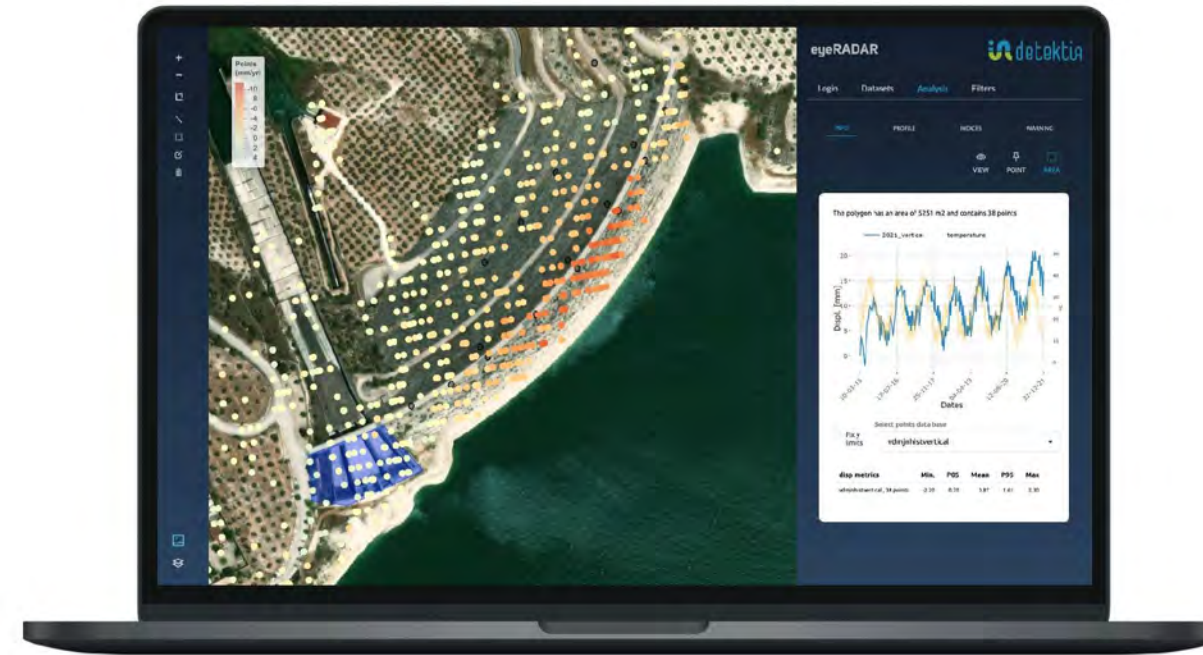


Target market



Construction companies

Currently working with construction companies in North America, South America and Spain



Infrastructure managers

Detektia is monitoring several dams and ports in Spain



Urban planning

Detektia will launch a urban monitoring service for entire cities in the following months

About us

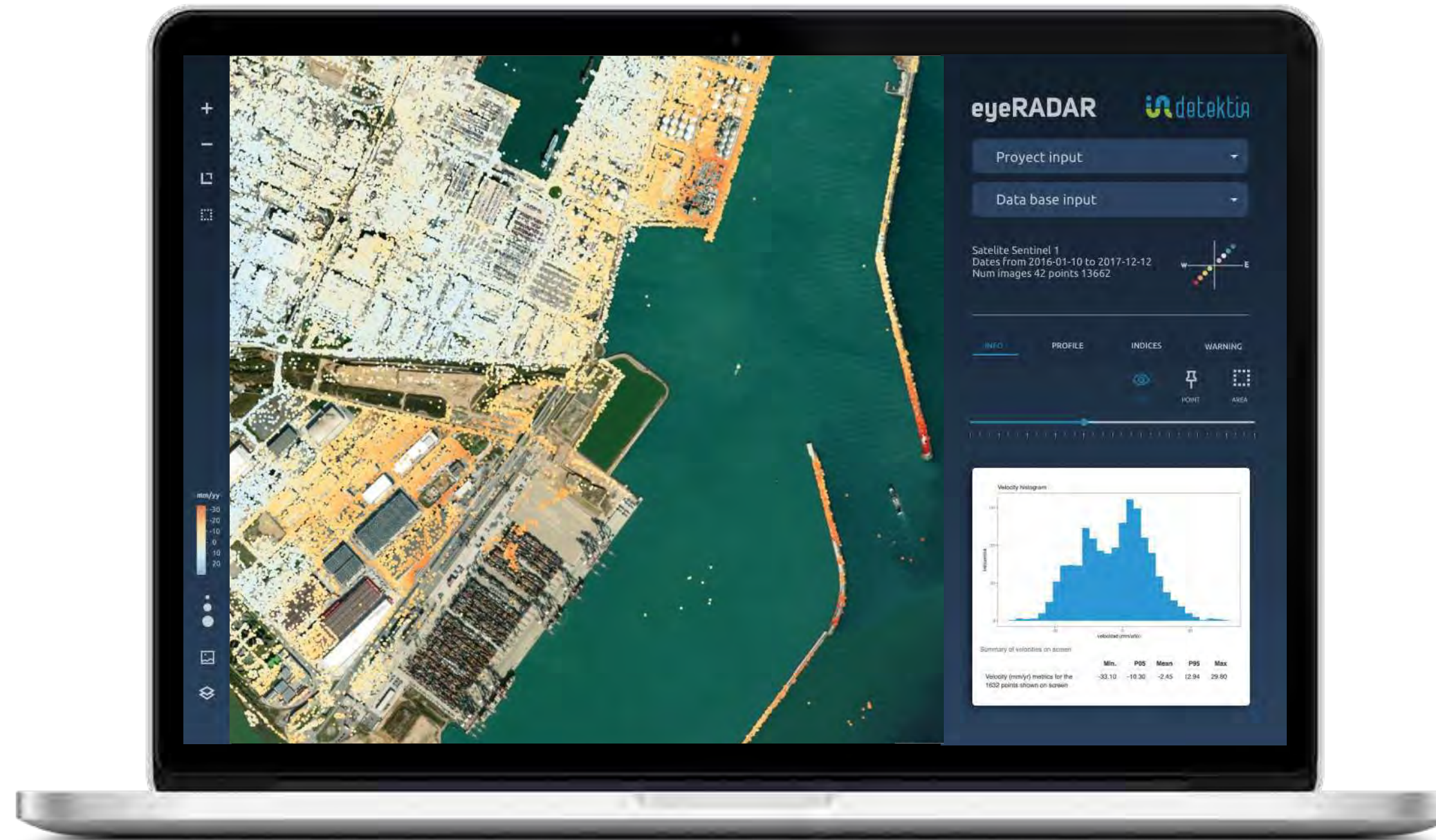
Detektia

- **2019** Spin-off of the **Civil Engineering School** of Universidad Politécnica de Madrid (Spain)
- **2020** Incubated by the **European Space Agency (ESA)**
- **2021** **Top10** of the **Global Infrastructure Hub Challenge**
Winner of ESA Global Space Market Challenge 2021
Winner of Sacyr iChallenges
- **2022** Working in **Europe, North America & South America**



EyeRADAR

Providing early warnings, more than data



Candela Sancho
csancho@detektia.com

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