



AID

Artificial Intelligence Interface for Deformation and Risk



zarvan Data Analytics

Where it
pains?

Pipeline Rupture in San Bruno, California (2010)

[Watch](#)





<https://iran-hrm.com> 

THE TRAGIC DEATH OF 52 MINERS

IN THE COAL MINE EXPLOSION IN TABAS

SEPTEMBER 21, 2024
9:00 PM TABAS



SPAIN FLOODING 2024



30 October 2024



Why it is not enough?

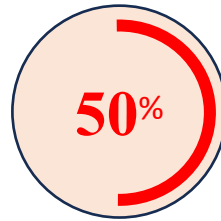
E6 landslide, September 23, 2023



Existing Solutions!

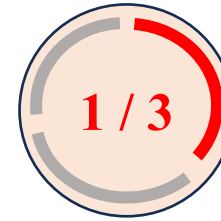
Environmental risks
are costing our
societies dearly,
hovering around
\$1000 per capita.

Expensive



of mid-sized companies
cannot afford it

Inconvenient



businesses cite complexity
as major barriers

Sporadic



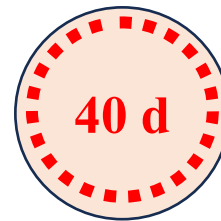
of existing assessments are
not holistic view.

Inaccessible



of municipalities lack expertise for
needed risk assessments for
planning

Time-consuming



take 1 -3 months to
complete for a regular size
mine

Field Measurement



require extensive
field data.

Breaking Earth Observation Codes for Real-World Impact

Key barriers:

Limited Big Data analysis

Ineffective data management

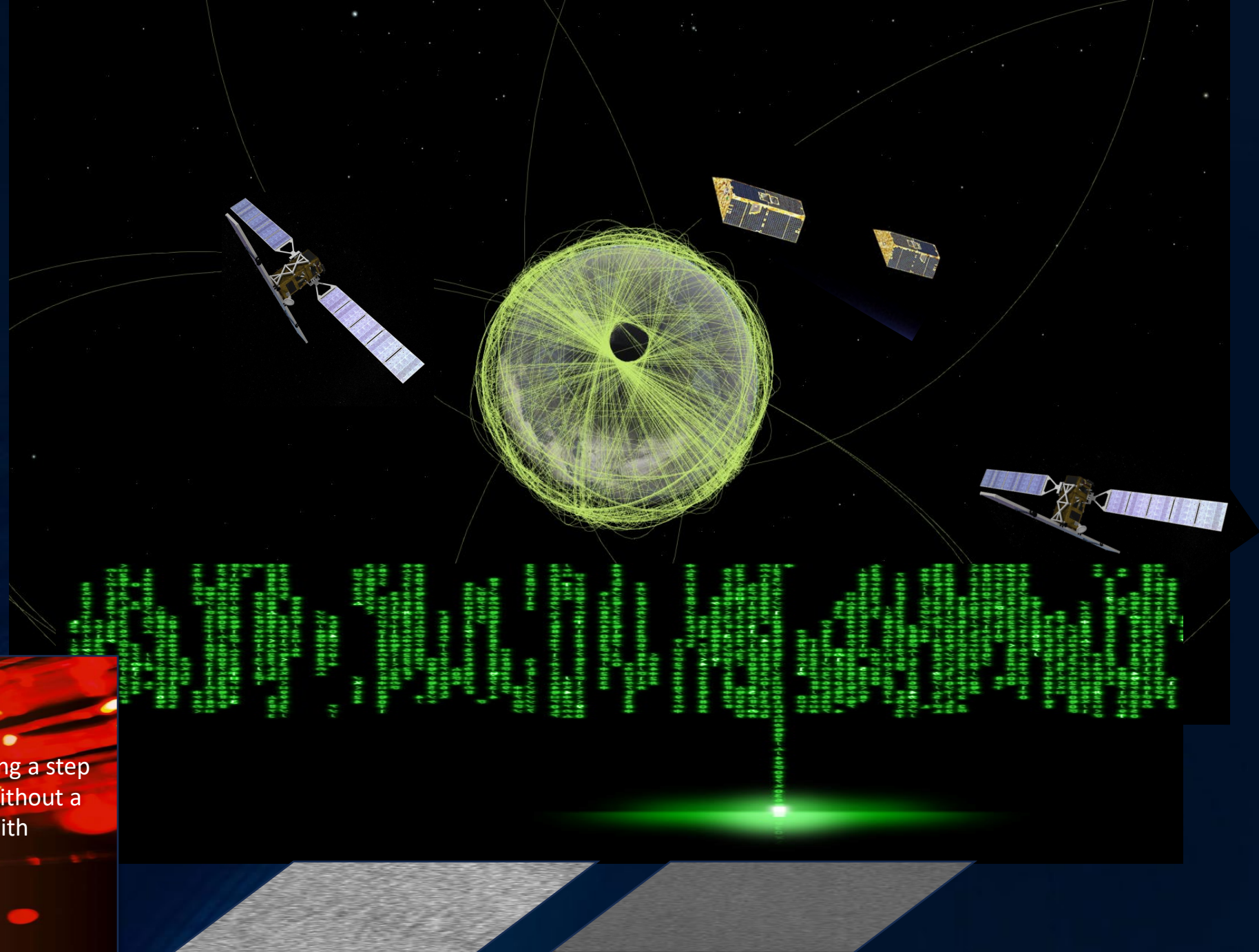
Lack of efficient computational tools

Incomplete interoperability

Principles of Data Science

“Science and technology will persist in being a step behind with respect to Big Data analysis without a deep understanding of its main features with respect to the EO data particularities.”

DOI:10.1007/978-3-030-43981-1_8

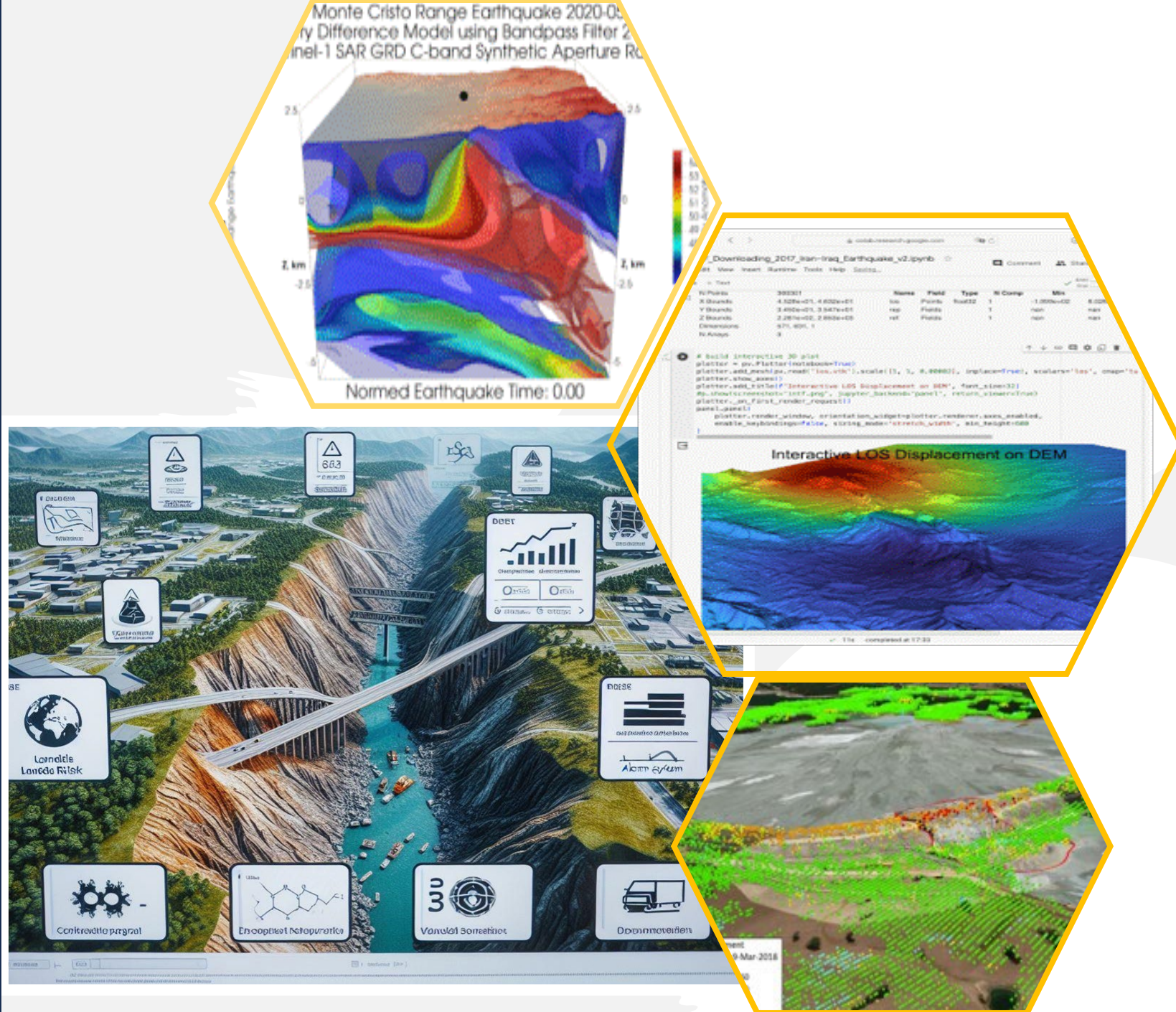


AID

AI for land Deformation analysis and Risk Management

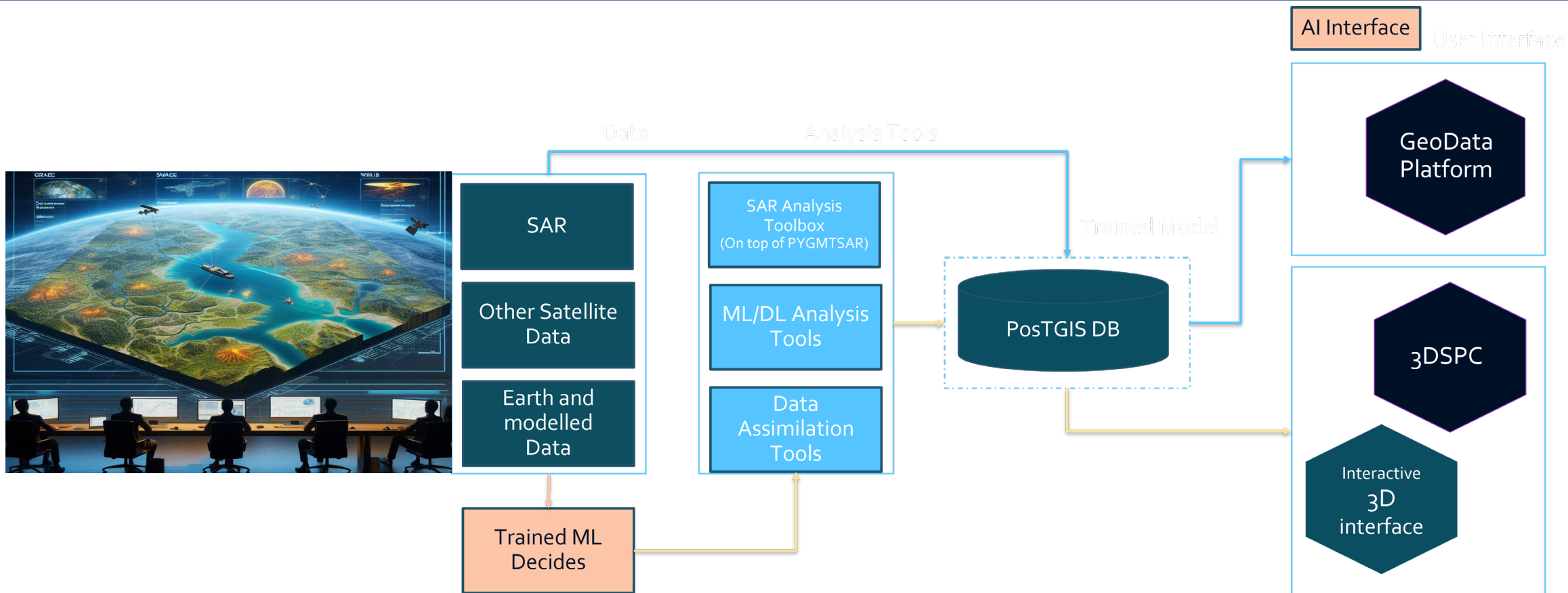
Developing stage
Foster in academia
Prize-winner Solution
Unique Place in the Market

**DETECTS,
AUTOMATES,
ASSIMILATES,
INTEGRATES
LANDS A RISK WARNING AND
ASSESSMENT**



AID

Harnessing Intelligent Earth Data Integration to Manage Environmental Risks



Path to full Potential



Current Status

Key components are operational or in advanced development stages, with academic collaboration.

Launched: 3D Visualizer,
Developed: SAR tools,
DMS prototype.

under development:
Ontology, SemanSeg,
Attention Mech.

Incubation Plan

Complete **integration** of components.

Refactor SAR tools for efficiency.

Finalize **ontology AI** and **data fusion** for real-time risk assessment.

Post-Incubation Goal

Expand automation,
What-If scenarios,
Broaden applications across sectors and regions.

IPR management
Insurance
Proof of Concept
Marketing Strategies



Market Size

78.5
Billion

cumulative across **seven verticals** in the broader EO market

Total Addressable Market

714.1
Million

Global InSAR market,
CAGR of 8.54%

Serviceable Addressable Market

2%

Initial goal to establish a significant presence and market share in the identified segment.

Share of Market



 Target





Competition

A few ...

10

1

Web-based for EO

Research-based
companies world-wide
Rely on filed data

AlID is the only one who
reaches the goal
Only using data technology
Removing the locality

North America, Europe, Asia-Pacific,



Competition

Demios Imaging

Planet.com

EOSDA

Norut

DHI GRASS

AIRBUS

A few Web-based for EO
TAM

TreAltamira

SKYGEO

3VGeomatics

ASF

CGG

G-TEP

10 Research-based companies
Rely on filed data
SAM

North America, Europe, Asia-Pacific

Revenue Generating Model

Essential Explorer

For Startups, Small Businesses and Individuals

\$200 Per Month

- > Storage: 10 GB
- > Bandwidth: 10 GB
- > Max size a Pointcloud: 2 GB
- > Number of Sites: 10
- > Number of Pointclouds: 20
- > Number of 3D Models: 5
- > Number of Shares: 1
- > Number of Members: 0

Growth Explorer

Growing Businesses and Project Teams

\$400 Per Month

- > Storage: 800 GB
- > Bandwidth: 600 GB
- > Max size a Pointcloud: 10 GB
- > Number of Sites: 50
- > Number of Pointclouds: 50
- > Number of 3D Models: 50
- > Number of Shares: 5
- > Number of Members: 5

Advanced Visionary

Forward-Thinking Surveying Companies and Advanced Geospatial Enterprises

\$600 Per Month

- > Storage: 1500 GB
- > Bandwidth: 1500 GB
- > Max size a Pointcloud: 20 GB
- > Number of Sites: 200
- > Number of Pointclouds: 100
- > Number of 3D Models: 100
- > Number of Shares: 100
- > Number of Members: 5

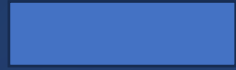
[Compare all plans, features-by-features](#)

Enterprise Innovator

Starting at **\$700** per month

The first payment includes a 14-day trial with no charges

Suited For Leading Organizations And Large-scale Projects



Financial

€400 K

Capital sought
In four years

initial investment opportunity

100

Costumers

avg. €325 fee/months

€550K

Revenue

Over 12 months



Product Dev
and Integration



Customer Dev



Early Marketing

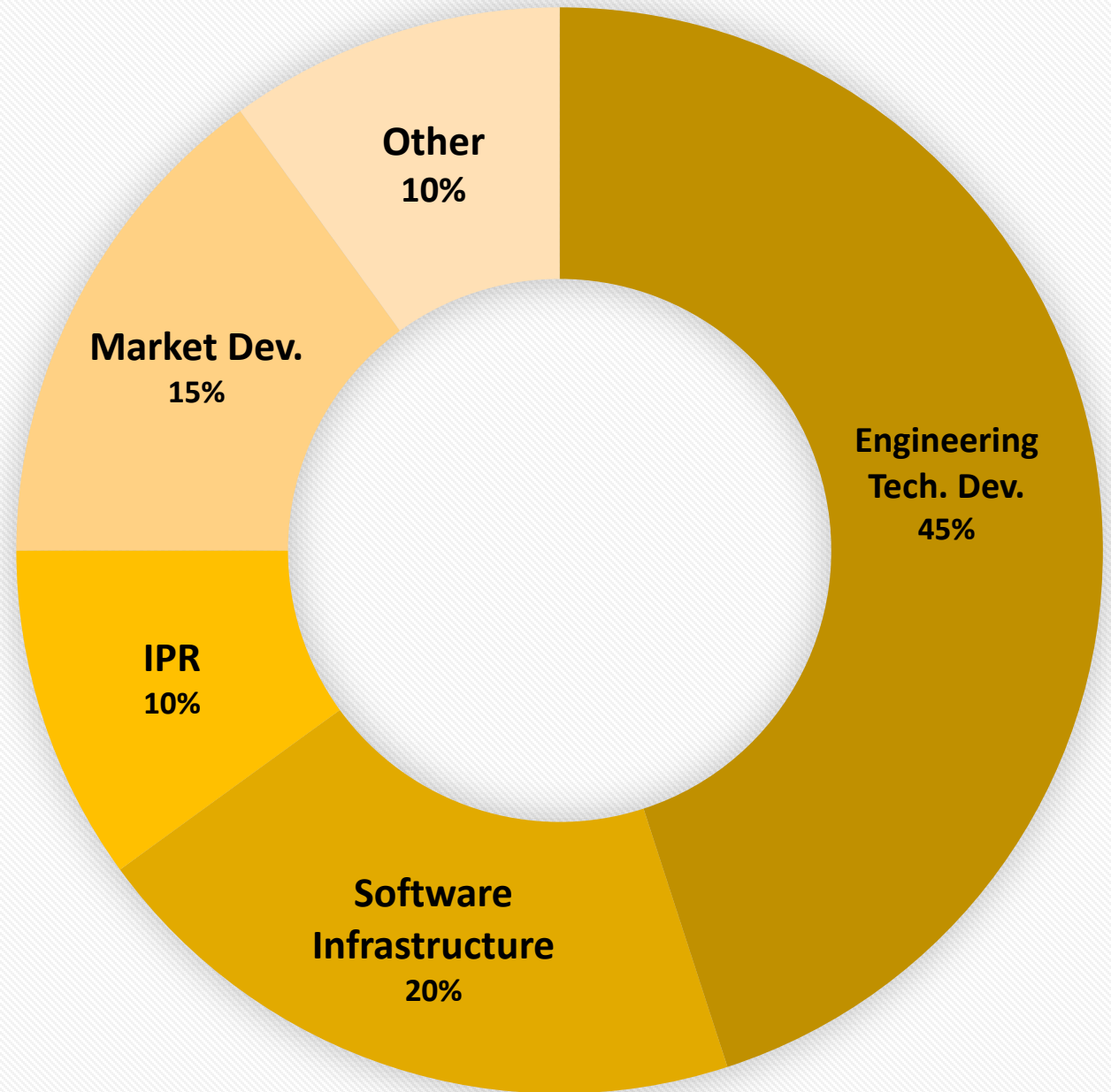


Profitability of
Existing product

Use of funds

Only for the development stage:
Set for 18 months
POC after 12 months

Technical Development: €26,100
Software Infrastructure: €11,600
IPR Management: €5,800
Market Development: €8,700



We are geodata experts and software developers Led by visionaries



Joao Gomes



Nureldin Gido



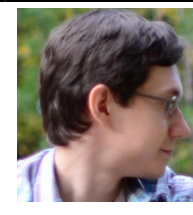
Amir Ebrahimi



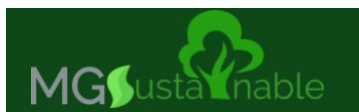
Mehdi S. Joud



Alex Mashatan



Alexey Peshnikov



Sustainability
Advisor



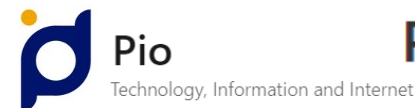
InSAR - Geodesy Link
Market Developer ME



CEO
Market Developer



Geodesist
Project manager
DMS



Head of AI
Product owner 3DSPC



App. Dev.
PYGMTSAR



Timeline

2024 — 2025

2025 — 2026

2027

2028

Build the world's best team and Develop the Product

Fund Raised: €300K
Conferences: 2
Stablish Partnerships for a pilot Pre-Launch



Product Launch and Initial Growth

Officially launch the AID platform
Run the pilot project and publish verification

Funds Raised: Series A

Growth Phase

Expand marketing to new industries and geographies
Enhance the platform with additional features
Integrate a data portal
Start additional use cases

Aim to gain 200 users/subscribers

Globally scaled Operation

Expanding partnerships
Enhance the AI capabilities
Scale operations and enter new markets

Initiate third fundraising round



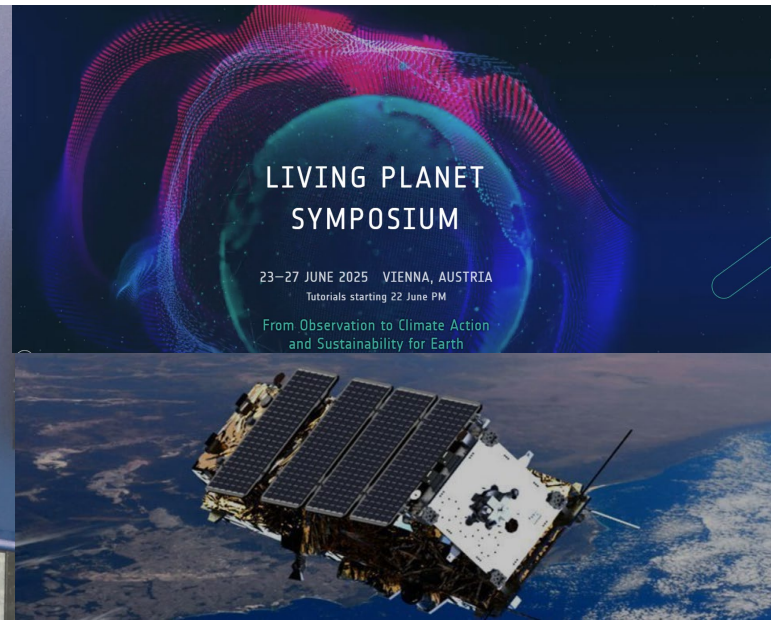
Market Adaptation



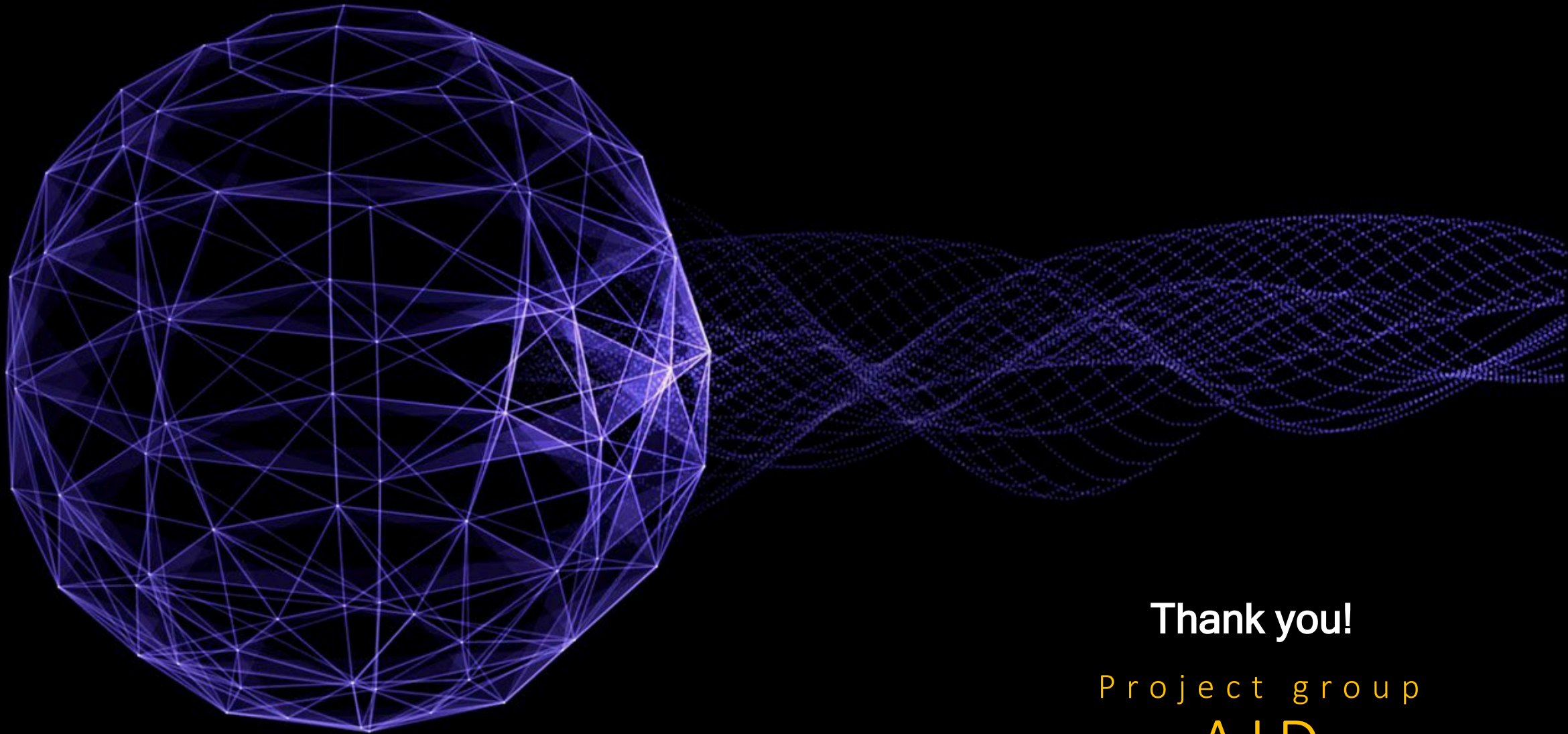
**Partnership with
Research Institutes;
Use Cases**



**Events and
Conferences**



Forums



Thank you!

Project group
AID

