

Neuralio Artificial Intelligence

Adapt in a constantly changing world, wisely

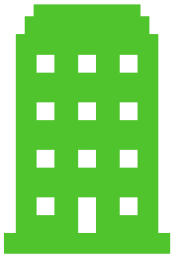
Who we are



Our company at a glance

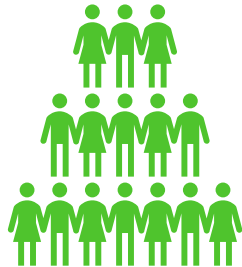
Year of Establishment

Established in 2022,
Thessaloniki, Greece
Estonian Branch in
2023



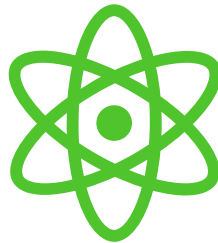
Personnel

8 persons, gender
balance 50/50



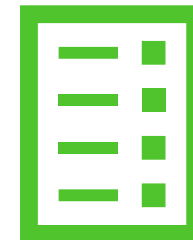
Expertise

AI/ML, Earth System
Modeling, Remote
Sensing,
HPC/Quantum
Computing



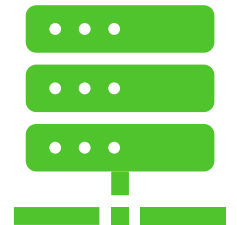
Projects

Public Funded projects: 3 closed/
4 ongoing
Private Projects:
4 Closed/ 5 Ongoing



Services

Weather Intelligence
Land Evaluation
Enviromental Foorprint
R&D as a Service



Our Target Markets

ESG Finance Market: Expected to grow from **\$5.7 trillion in 2023** to **\$9.7 trillion by 2028**

Spatial Finance Market: Earth Observation data market projected to reach **\$12.1 billion by 2028**

Climate Fintech Funding: Venture capital raised **\$2.9 billion in 2022**, a **2.4x increase** from 2021

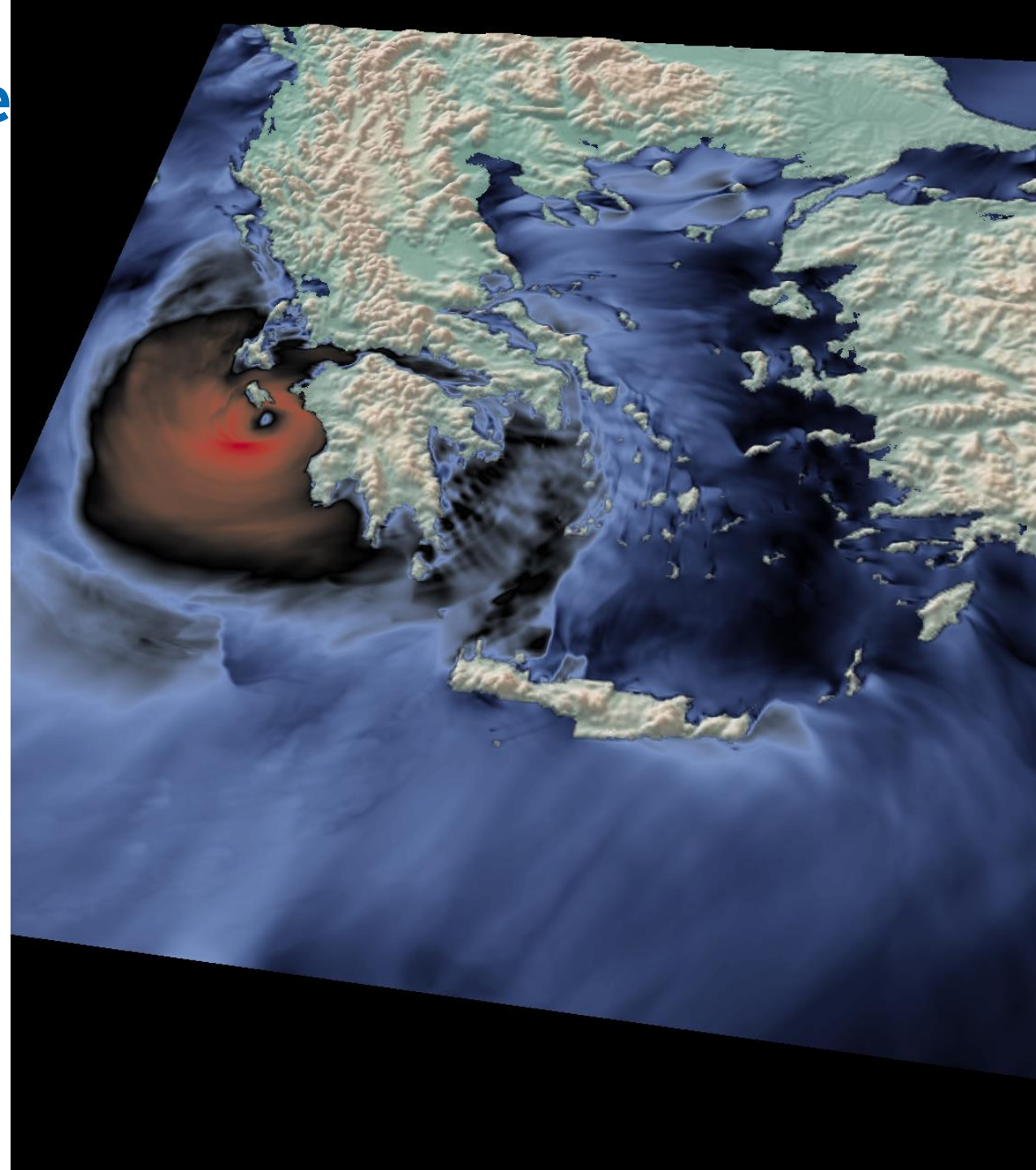
Green Bonds: Expected to reach **\$156 billion by 2025**

Our Offerings

Weather and Climate Intelligence

Operational system for on demand weather and climate intelligence:

- ✓ Hyperlocal Weather Prediction.
- ✓ Multi-model Ensemble S2S Predictions
- ✓ Real-time Weather Intelligence
- ✓ Historical Data and Climate Analytics
- ✓ Operational 3D-var Atmospheric Data Assimilation of ground and satellite observations.
- ✓ Production of more than 200 sector specific prognostic variables.
- ✓ AI-enabled model output statistics and bias-correction.
- ✓ API accessibility.





Land Evaluation and Spatial Finance

Utilizing satellite monitoring, climate information, agent-based modelling and spatial suitability, to offer:

- ✓ Land Use Planning
- ✓ Crop suitability
- ✓ Green Bonds and Carbon Credits
- ✓ Risk and Rate
- ✓ Nature Related Financial Risks

Environmental Footprint

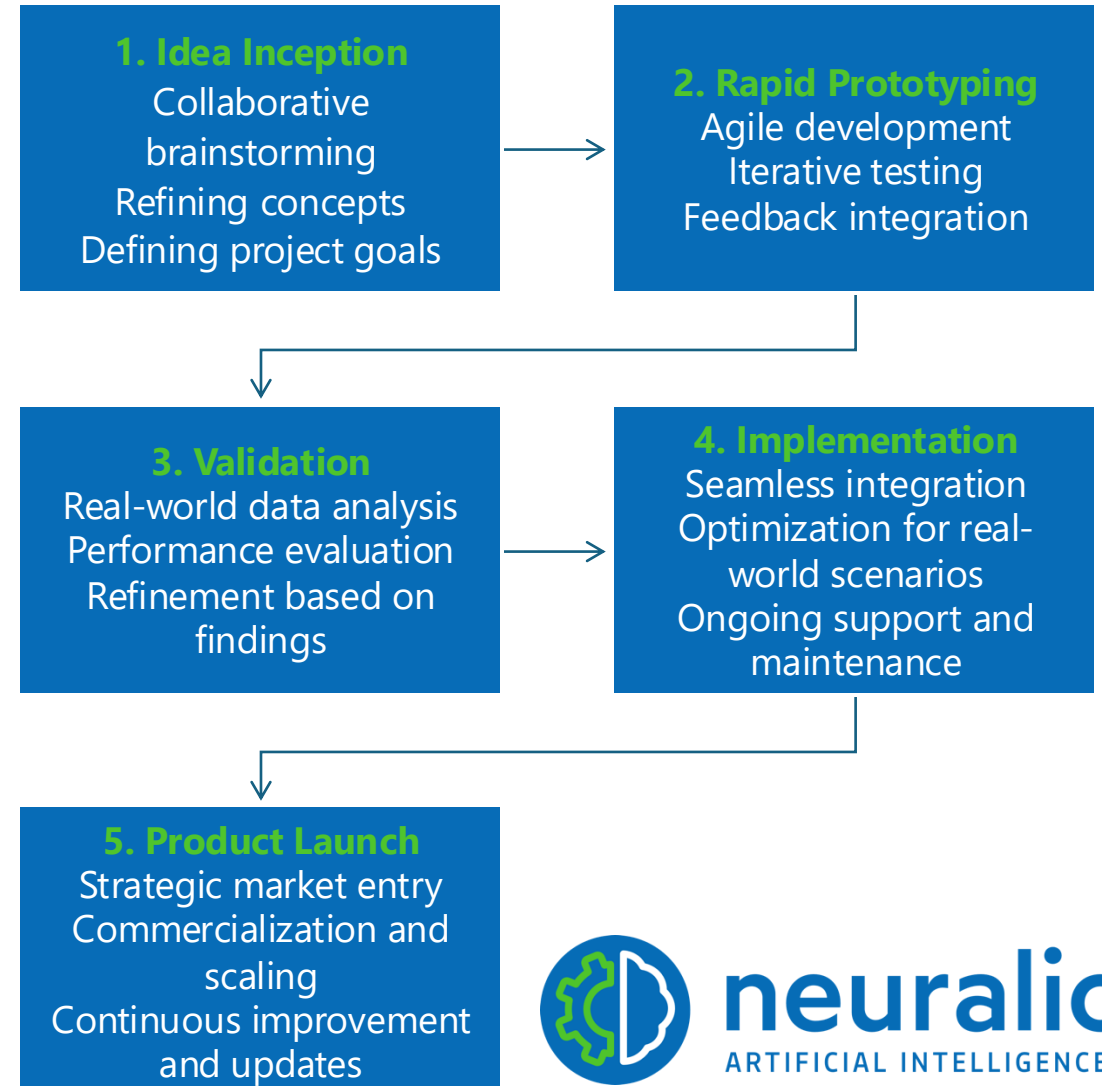
Using satellite imagery and life cycle assessment analysis to offer:

- ✓ Territorial LCA analysis
- ✓ Sustainability Metrics
- ✓ Biodiversity and Ecosystem Health
- ✓ ESG Monitoring and Assessment



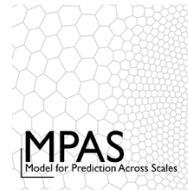
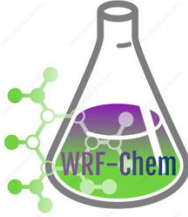


R&D as a Service and Bespoke Solutions



Our Ingenuity

Numerical and Data-driven Models



Our Technology





Technology Stack



Keras

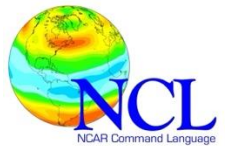


TensorFlow



python™

Fortran



PostgreSQL



MINIO



docker®



kubernetes



neuralio
ARTIFICIAL INTELLIGENCE

Why Choose us

A Strong and Winning Team

Decades of consolidated experience on delivering reliable operational solutions.

Innovative Technology: Cutting-edge numerical tools, AI-driven models, and HPC-powered solutions for highly accurate predictions and real-time analytics.

Custom Solutions: Tailored services for unique sector needs, from weather intelligence to environmental analysis and beyond.

Agile Development and Support: Iterative testing, feedback integration, and ongoing maintenance for optimized solutions.

Partner with us for excellence, innovation, and sustainability in a constantly changing world.



Neuralio Artificial Intelligence

Contact Us:
www.neuralio.ai
info@neuralio.ai