

Nova ICT

Sustainability, Climate & ESG Intelligence



Data Platforms for Climate Resilience

Climate resilience, sustainability, and national security now depend on real-time data and spatial intelligence.

Nova ICT provides the platforms that collect, process, and interpret



Satellite
imagery



Environmental
databases
and predictive
models



IoT Sensors

By unifying satellite, sensor, and operational data into verified reporting pipelines and early-warning models, we enable



Climate-
risk insight



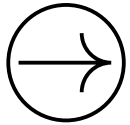
Resilience
programs from
city to national
levels



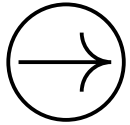
Emissions
transparency

We help governments and institutions measure, analyze, and report ESG performance with confidence.

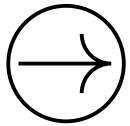
What we deliver



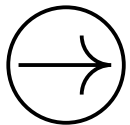
National geospatial and satellite
information systems



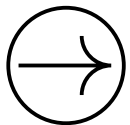
Environmental monitoring and analytics
platforms



Real-time data integration from sensors,
drones, and satellites



Predictive modeling and early-warning
frameworks



Compliance with EU climate,
sustainability, and data-governance
standards

How we deliver



Multi-source data integration combining
satellite, drone, and ground sensors



Advanced analytics with AI and
machine-learning models for prediction
and prevention



Scalable cloud architecture for national
and cross-border collaboration



Full regulatory compliance under EU
environmental and data-protection
frameworks



Lifecycle support, training and technology
transfer for sustained readiness

Selected Projects

1

Greek National Satellite Space Program – Axis 2 (ESA)

CLIENT

Ministry of Digital Governance / ESA Collaboration

SCOPE

Development of Greece's satellite-data utilization infrastructure for environmental and defense applications.

2

AIGIS – National Civil Protection & Crisis Database

CLIENT

Ministry of Climate Crisis & Civil Protection

SCOPE

Integration of geospatial datasets and real-time data feeds for prevention, monitoring, and risk assessment.

3

Forest Fire Early Detection & Crisis Platform

CLIENT

SPAY / Ministry of Civil Protection

SCOPE

AI-enhanced visual recognition and multi-sensor integration for nationwide wildfire detection.

4

Municipal Flood Prediction System – Amarousion

CLIENT

Municipality of Amarousion

SCOPE

AI-driven hydrology and modeling platform providing localized alerts and infrastructure protection.

5

ESG Indicator Information System

CLIENT

Organization for Natural Environment and Climate Change (OFYPEKA)

SCOPE

Unified platform (incl. ESGenius) for national level CO₂/ESG data collection, verified submissions, analytics, and transparent reporting.

Let's build
the future
together!

NOVA\ICT

For governments, institutions &
organizations navigating critical
digital transformation, Nova ICT
brings Structure into Complexity.