

From Connectivity to Intelligence:

▶ **Teleglobal IoT Applications**

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powered by **Teleglobal**
telecommunications

► The New Digital Reality

The Challenge

- Great amounts of connected devices
- Massive data generation
- Real-time decision making
- Need for actionable intelligence

The Opportunity

Turn data into operational intelligence.

About Teleglobal

Expertise

- Fiber Optics
- Wireless Networks
- IoT Systems
- Cloud Infrastructure
- Software Development

Proven Track Record

- Public Sector Projects
- Smart Infrastructure Deployments
- Cross-border Innovation Programs

The Teleglobal IoT Platform

One Platform. Multiple Technologies.

We connect, collect, analyze, and act on real-time data.

Core Capabilities

- Device Management
- Real-Time Monitoring
- Data Visualization
- Automated Alerts
- Analytics & Reporting
- Multi-Protocol Integration

Supported Technologies

- LoRaWAN
- NB-IoT
- WiFi
- Ethernet
- Cameras & Smart Devices



Sensors & Edge Devices

Connectivity Networks

Cloud Platforms

Analytics & Applications

► Our Value Proposition

What Makes Us Different?

End-to-End Capability

- Platform Development
- Network Infrastructure
- Hardware Integration
- Field Deployment
- Operations Support

Deep Field Experience

- Hybrid Networks
- Remote Environments
- Critical Infrastructure

Flexible Architecture

Interoperable – Scalable - Multi-vendor Compatible

Why Teleglobal IoT?

- ✓ Unified infrastructure management
- ✓ Lower operational costs
- ✓ Public & private sector adaptability

► Use cases

Environmental Intelligence

- Sensors
- Cameras
- Weather Stations
- Real-Time Alerts

Energy Optimization

- Electricity Monitoring
- Water Monitoring
- Heating Supervision
- Sustainability Reporting

► Use cases

Smart Cities

- Environmental Monitoring
- Infrastructure Management
- Utility Optimization
- Public Asset Monitoring



► Proven Market Validation

Tested in Real-World Deployments

Key Projects

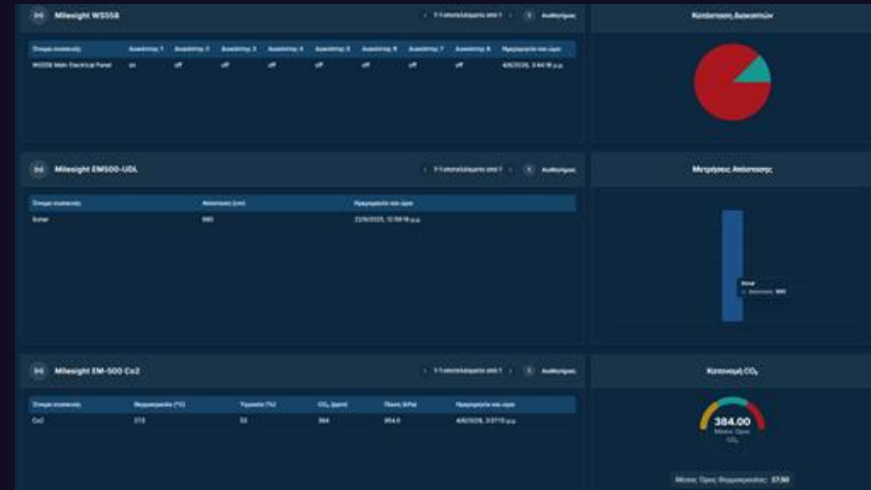
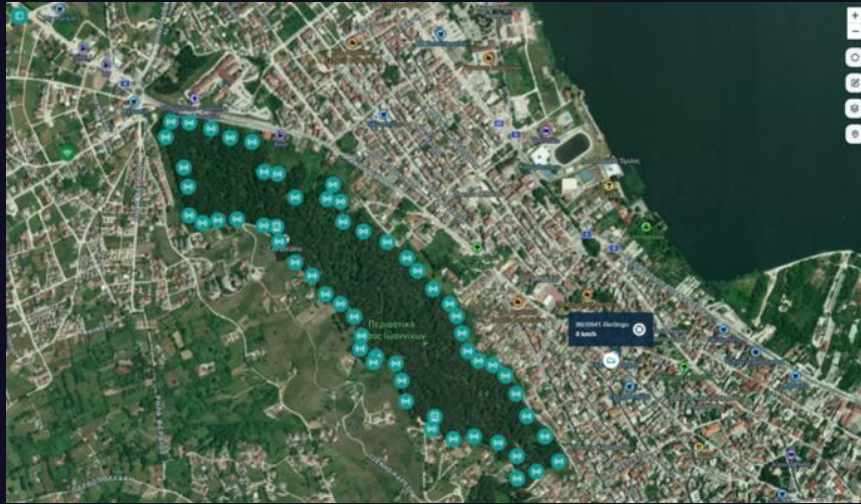
1. SOLVE
2. OFIDIA I
3. OFIDIA II
4. Close collaboration with Forestry Departments on the Western Greece.

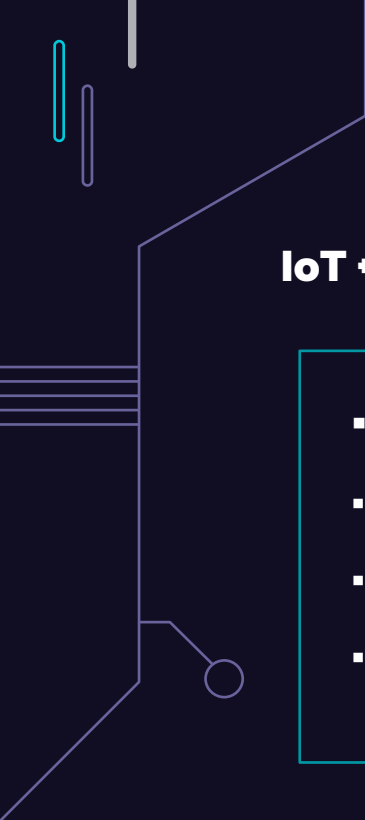
Results

- ❑ Real-time environmental monitoring
- ❑ Wildfire prevention support
- ❑ Flood risk monitoring
- ❑ Improved emergency response
- ❑ Data-driven decision making

From Data to Decisions

- Dashboards
- Alerts
- Trend Analysis
- Decision Support





IoT + AI = Predictive Intelligence

- Predictive Maintenance
- Risk Detection
- Digital Twins
- Autonomous Insights

Contributing To

- Climate Resilience
 - Sustainability
 - Energy Efficiency
 - Digital Transformation
 - Smart Communities
- 

Growth & Collaboration



Market Opportunity

Smart Cities

Critical Infrastructure

Energy Industry Tourism

Environmental

Monitoring

Collaboration Areas

Horizon Europe

AI & IoT

Digital Twins

Climate Technologies

GAIA-X Ecosystem



The Future Is Not Simply Connected.

The Future Is Intelligent.

From Connectivity to Intelligence

Teleglobal IoT Applications



THANK YOU

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