MARCELLO MARANESI
CEO

GMATICS
BIG GEOSPATIAL DATA MADE READY

# Service upscale with HPC

- **Hundreds and thousands of processing nodes to scale-up service at continental scale**

- **Capability of handling and harmonizing very different datasets with different formats**

- **Cooperative user data access management (Public, Industry, Academy)**

- **Data-lake easy search and access to information**

Satellite data   Statistics   IoT data
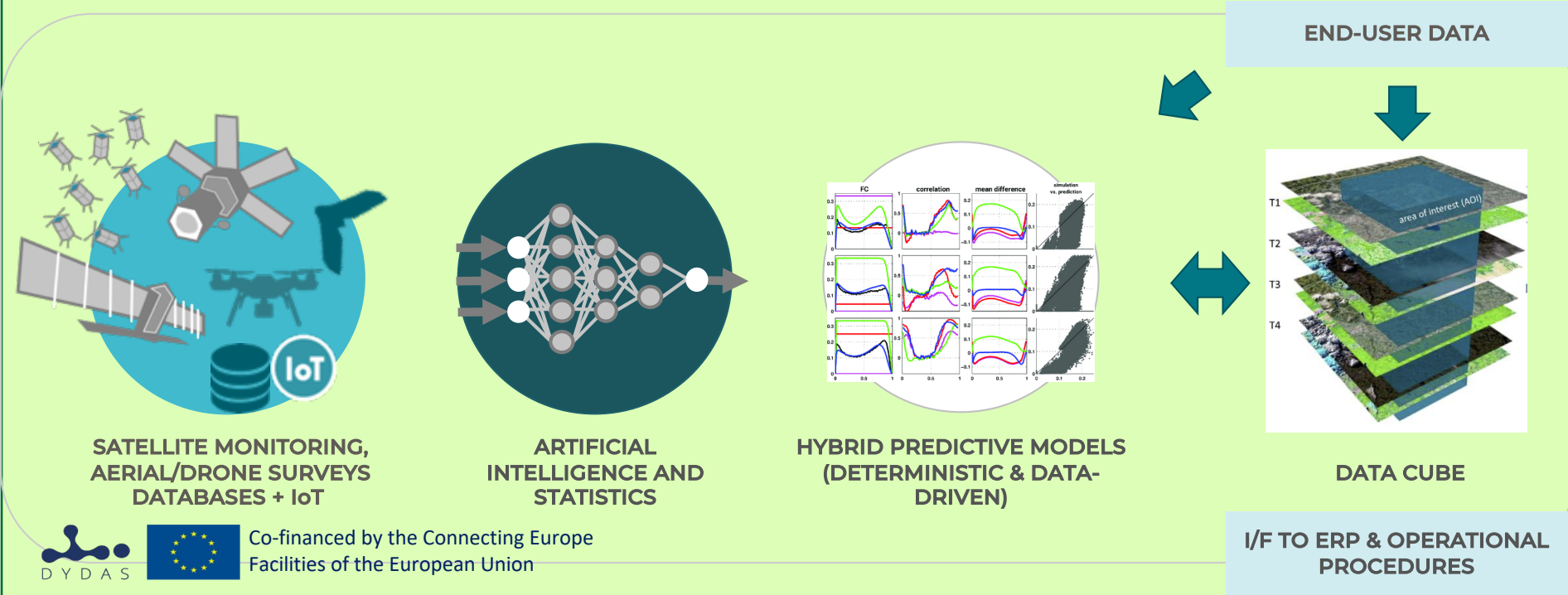
Digital maps   Image tagging   Edge computing data

DYDAS

**GMATICS** *know-how and capabilities*

## Systematic Monitoring and Predictive Geo-Information Services
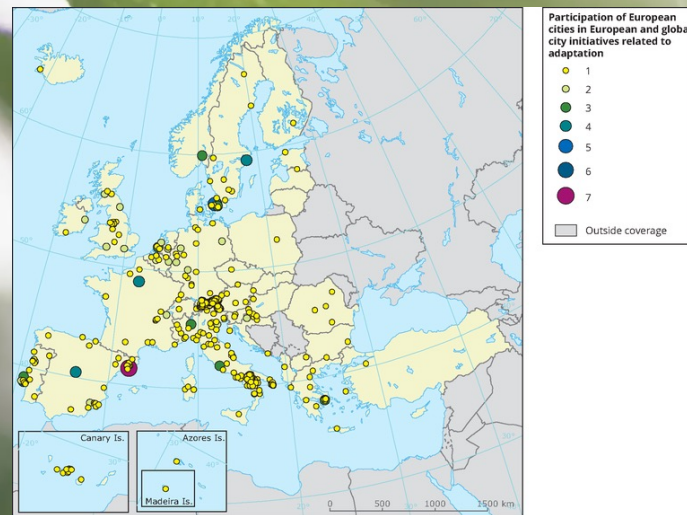by exploiting Technology Innovation in various sectors

END-USER DATA

SATELLITE MONITORING, AERIAL/DRONE SURVEYS DATABASES + IoT

ARTIFICIAL INTELLIGENCE AND STATISTICS

HYBRID PREDICTIVE MODELS (DETERMINISTIC & DATA-DRIVEN)

DATA CUBE

I/F TO ERP & OPERATIONAL PROCEDURES

Co-financed by the Connecting Europe Facilities of the European Union

DYDAS

# "Parco Italia"

## "Europe city park"

22 million trees in 14 Italian Metropolitan Areas

650 European cities participating in initiatives related to adaptation

Earth Observation and Geospatial Information to improve urban resilience and citizens' quality of life in our cities