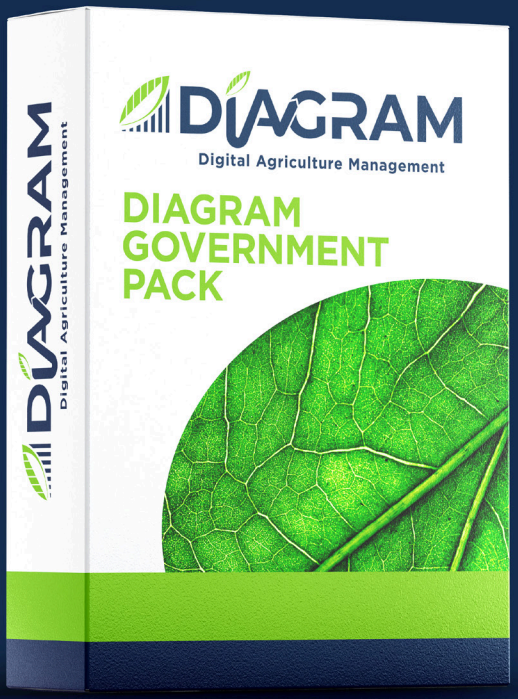
DIAGRAM

Digital Agriculture Management

DIAGRAM GOVERNMENT PACK



WHO WE ARE

Empowering agriculture through innovation

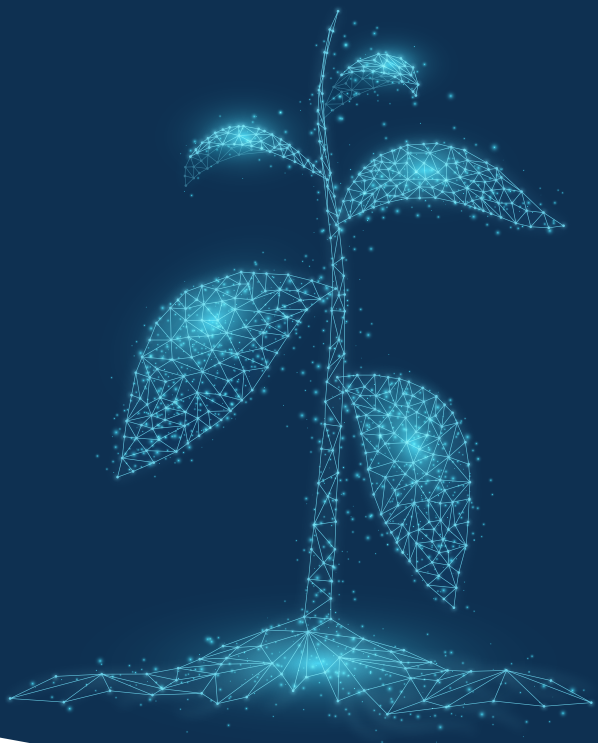
GLOBAL LEADERSHIP

Diagram is Europe's leading agritech company, operating in over 20 countries and supporting governments and major enterprises in the digital transformation toward sustainable agriculture.



VISION AND VALUES

A vision rooted in technology and balance between productivity and environmental protection, driving a more efficient, resilient and connected agriculture.





TRUSTED PARTNER

Collaborating with public institutions such as Italy, United Kingdom, Malta, Armenia and Georgia, as well as global industrial leaders such as Ferrero, McCain and ENI, to accelerate the digital transformation of agriculture and the environment.

KEY CHALLENGES SHAPING GOVERNMENTS AGENDAS

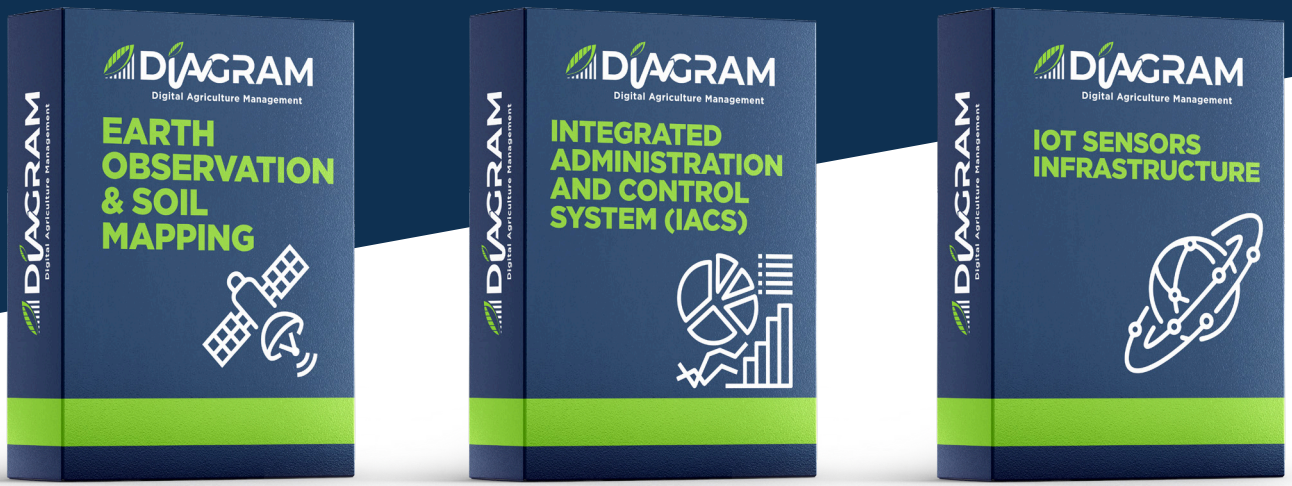
- Food safety
- Food security
- Quantifying climate change impact and businesses vulnerability
- Digitalisation of Public Services & information transparency
- Reducing bureaucracy
- Depletion of natural resources

We operate within the framework outlined by the United Nations 2030 Agenda to achieve the Sustainable Development Goals (SDGs).

SUSTAINABLE DEVELOPMENT GOALS

THE SOLUTION WE OFFER

An integrated suite of digital solutions and services.
A modular and scalable technological ecosystem.



EARTH OBSERVATION & SOIL MAPPING

INTEGRATED ADMINISTRATION AND CONTROL SYSTEM (IACS)

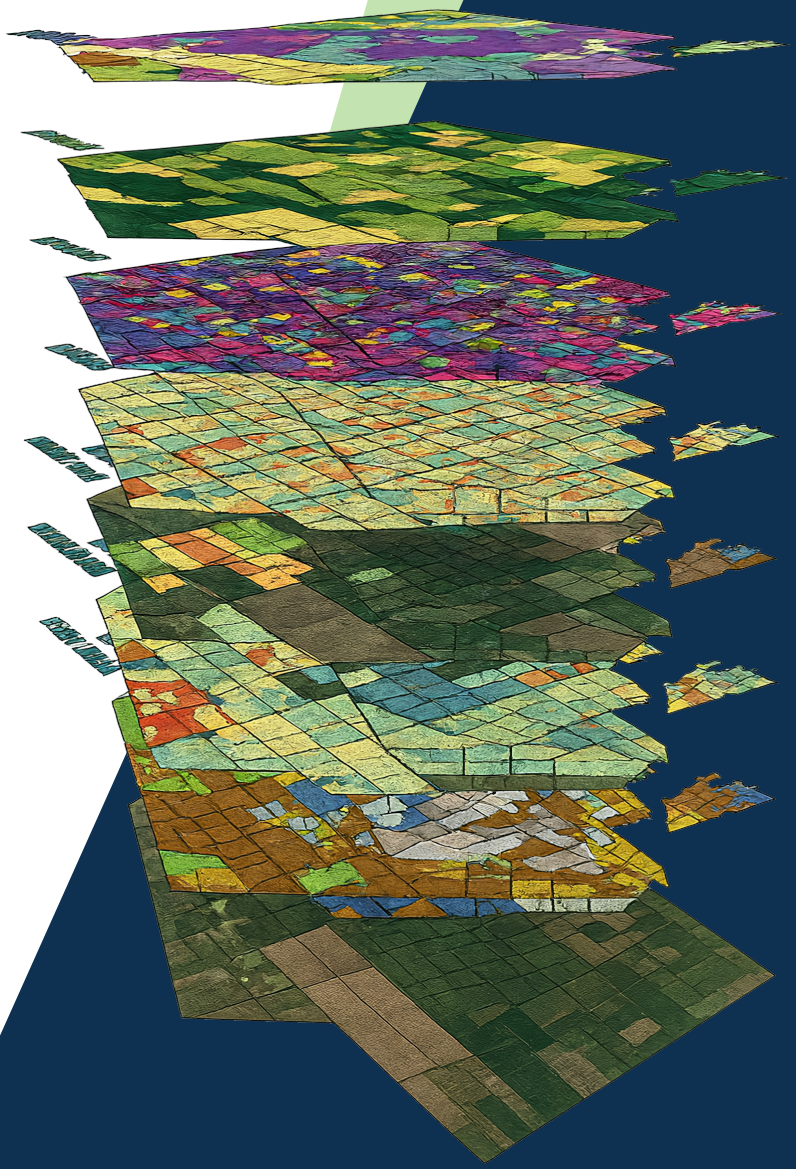
IOT SENSORS INFRASTRUCTURE

Building on extensive experience gained across Europe, Diagram supports governments and public administrations in every stage of agricultural governance, from managing and monitoring support programmes to overseeing environmental sustainability.

OUR SERVICES

EARTH OBSERVATION & SOIL MAPPING

- Grain size (percentage of clay, silt or sand), Nitrogen, Phosphorus, Magnesium and Potassium, Cation exchange capacity, pH.
- Organic carbon monitoring.
- Average annual soil erosion rates.
- Synthetic soil erosion risk index.
- Damage assessment.
- Yield estimation.



INTEGRATED ADMINISTRATION AND CONTROL SYSTEM (IACS)

- Digital solutions to manage national and local public programs for agricultural support.
- Management and monitoring of fund disbursement to farmers.
- Centralised farm and farmer registries.
- Administration of rural development measures, including organic farming and biodiversity support



ADVANCED IOT SENSORS INFRASTRUCTURE

- Development of public infrastructure through extensive IoT sensor networks for the collection of agrometeorological data.
- Following the infrastructure, provision of related services such as water management and DSS.
- Detection of extreme weather events.



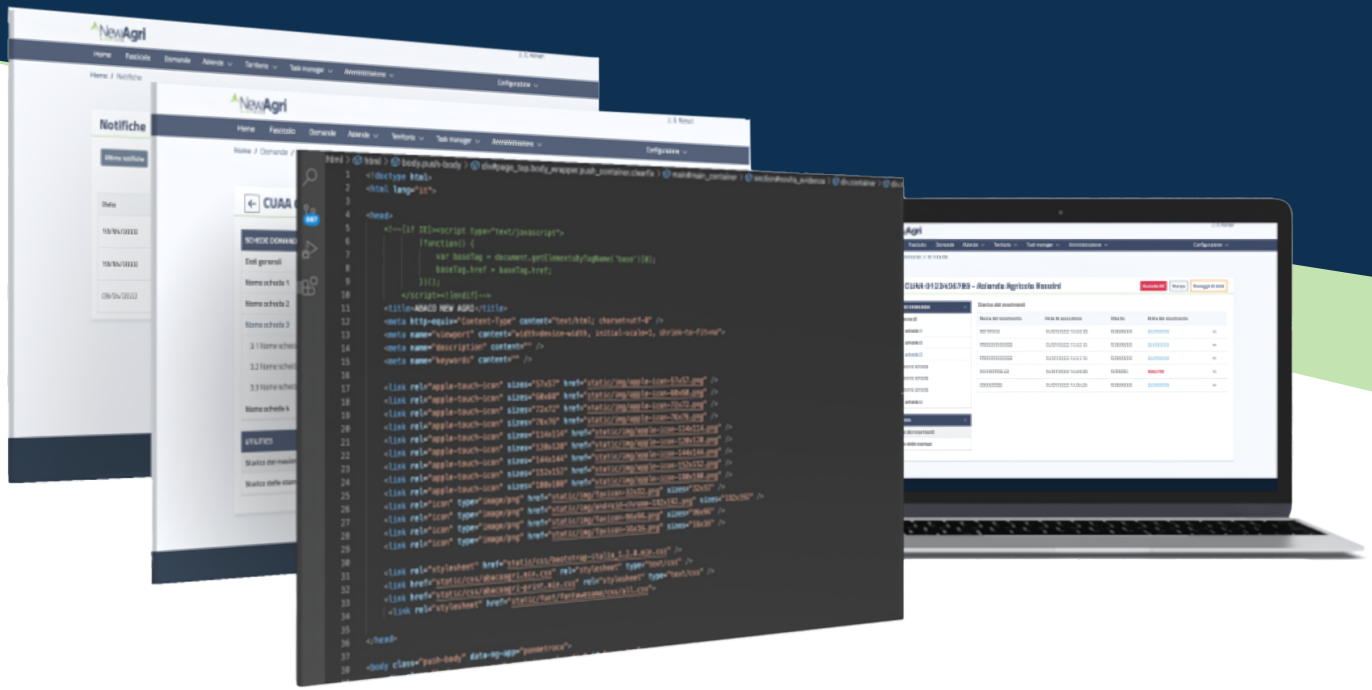
OUR VALUE PROPOSITION

Our model allows us to operate through:

- Direct public contracts or competitive tenders
- Direct investments in the target country
- Co-investments in start-ups or joint ventures

Project implementation timeline: from 3 to 10 months

Projects starting from €3 per hectare



KEY BENEFITS

- Transition towards sustainable and regenerative agriculture.
- Implementation of territorial knowledge and data intelligence.
- Enhanced resilience to climate change.
- Improved effectiveness of soil health policies.
- Stronger capacity to effectively implement agricultural policies.

Over €20 billion in funds disbursed thanks to our digital systems

- Complete monitoring national lands.

Over 15 million hectares mapped for the Italian Ministry of Agriculture, Food Sovereignty and Forest (MASAF) through digital soil mapping

- Reduced bureaucracy and improved efficiency.
- Error reduction and increased transparency.

Estimated £300 million in errors in fund disbursements as assessed by DEFRA prior to system implementation

Possibility to implement carbon credit programs and precision agriculture services.



For further information

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