

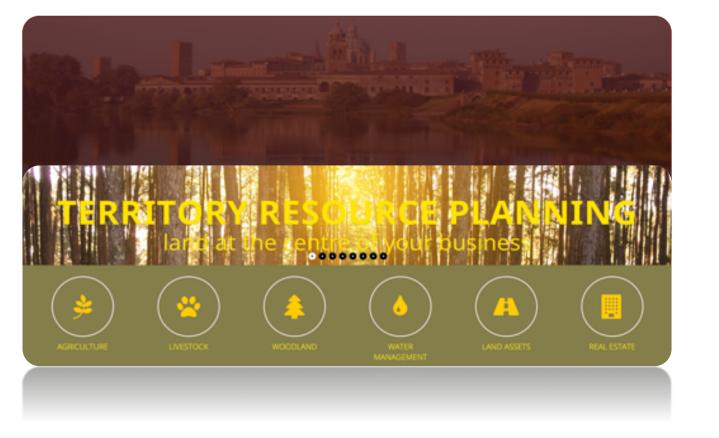
# **ABACO GROUP**

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# The ABACO Group



ABACO is a leading company in the production of land management and monitoring software platform

- UNIQUE in world in developing standard ERP based on land. This is SITI TRP (Territory Resource Planning)
- FOR TERRITORIAL MANAGEMENT through solutions dedicated to agri-food industries and government









### Knowledge Platform Products & Solutions



#### SOLUTIONS

□ SUPPLY CHAIN □ LIVESTOCK CHAIN □ MONITORING & DSS □ RISK MANAGEMENT □ PEST MONITORING □ ...

### **CUSTOMERS & PARTNERS**

I MINISTRIES OF AGRICULTURE I PAYING AGENCIES I AGRO INDUSTRY I SYSTEM INTEGRATORS I BANK & INSURANCES I ...

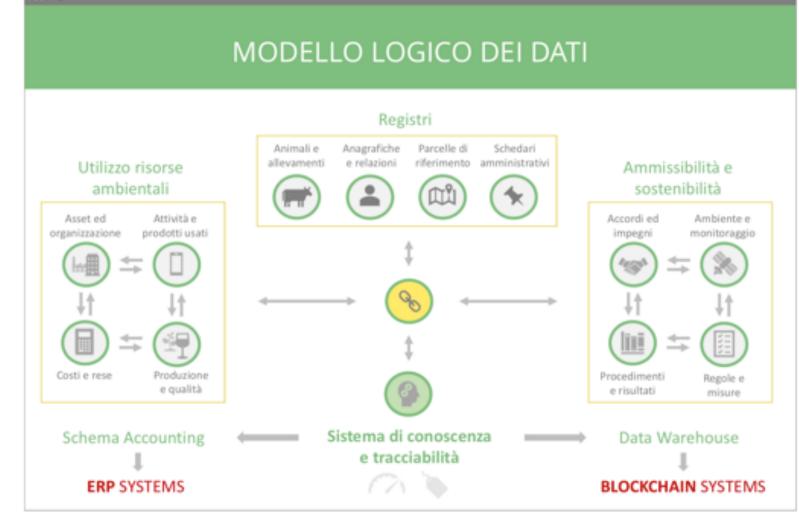
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## Knowledge platform

SITI TRP Intro

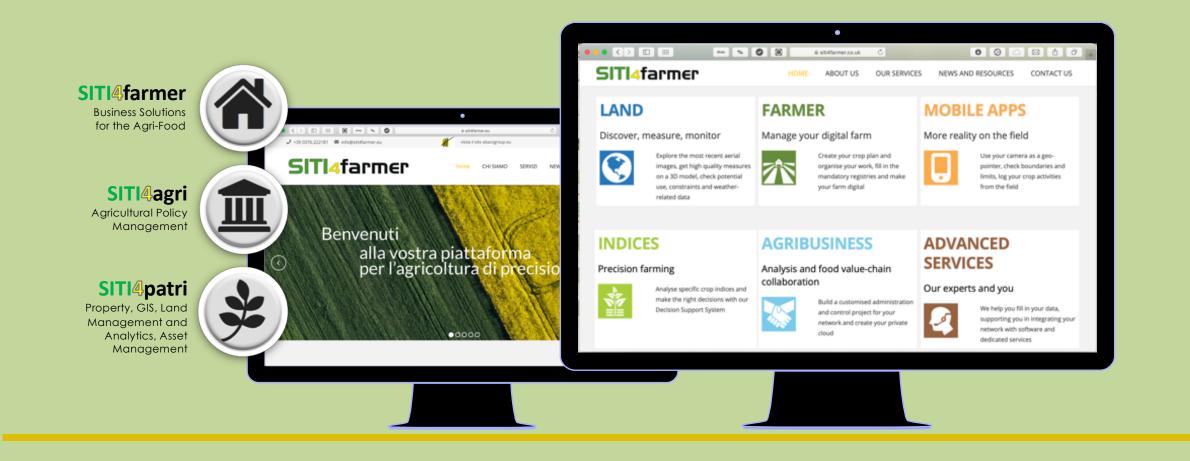




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## SITI4farmer Knowledge Platform





### Interoperable Platforms

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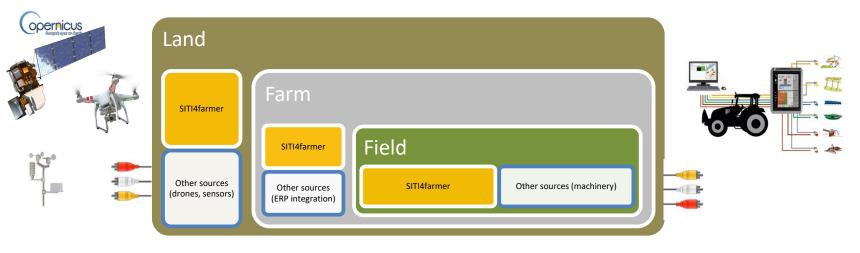
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Asset management

**Employee records** 

Suppliers records

Machinery records

Value chain

Warehouse and stock

#### LAND

- HD Ortophoto
- 3D DTM DSM
- Measurements
- Grant potentials and restrictions
- Historical Climatology
- Forecast

#### Pedology

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### Best Practice Crop

- Crop plan
- Farming activities
- Product magement
- Mandatory registries
- Water and CO2 footprint
- Carbon sink
- Yields

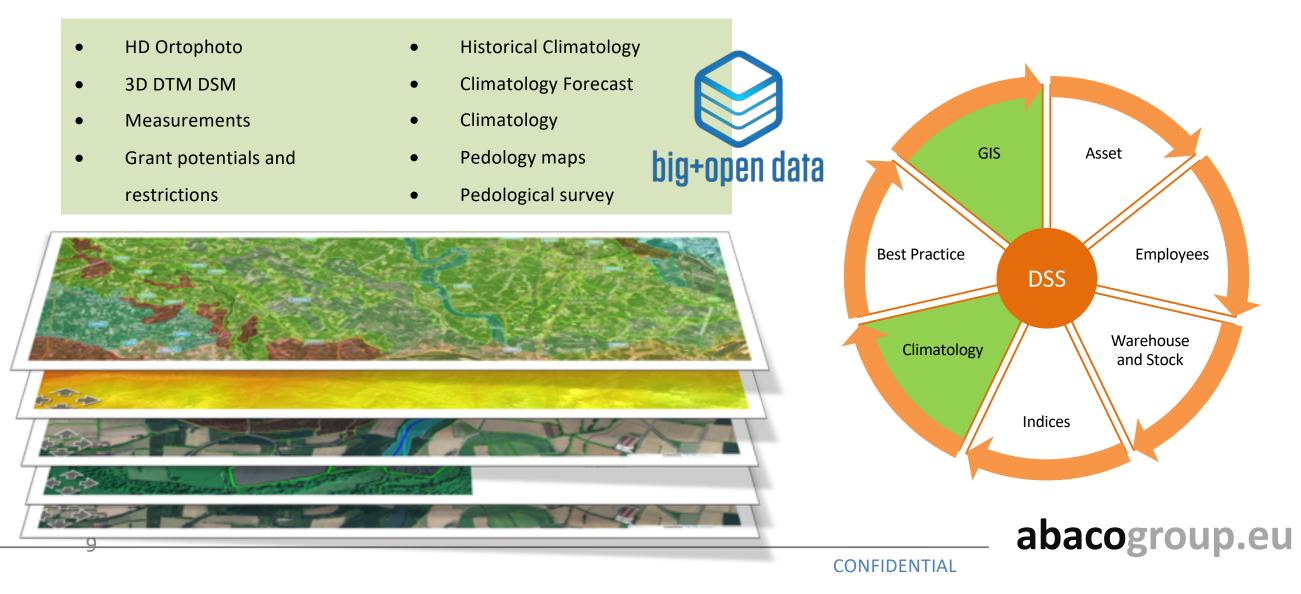
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AgroClimatology and EO Indices





### Land Data Overview

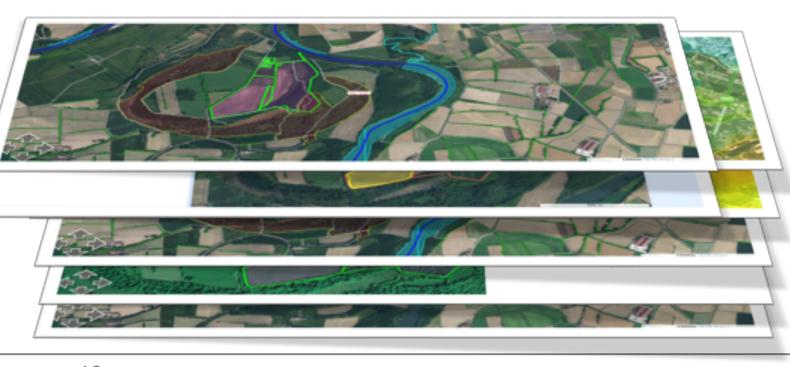




### Farm Data Overview

- Asset management
- Warehouse and Stock
- Employee records

- Supplier records
- Machinery records
- Contractor records







## Field Data Overview

GIS

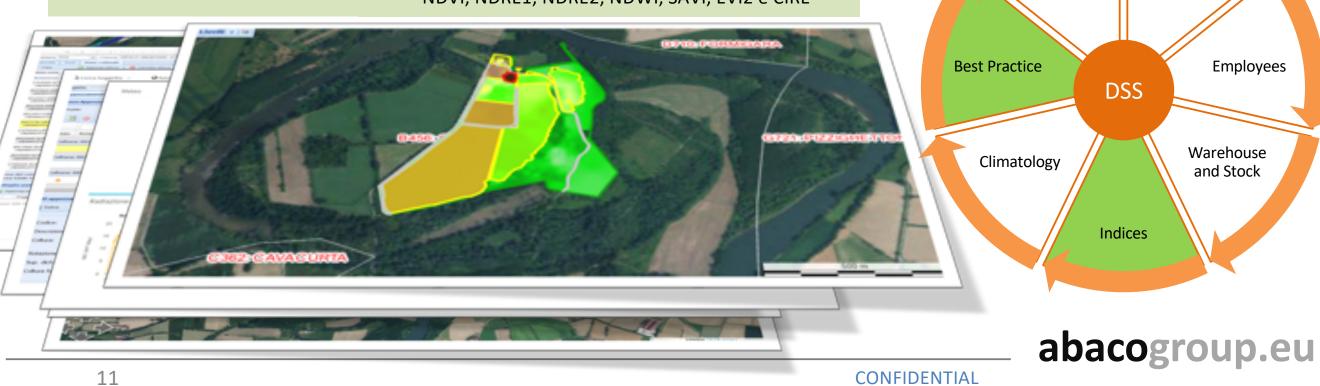
Asset

- Crop plan
- Farming activities
- Product magement
- Mandatory registries

Soil temperature and Hydro-balance
Global Solar Radiation
Earth Observation

Soil evaporation and transpiration



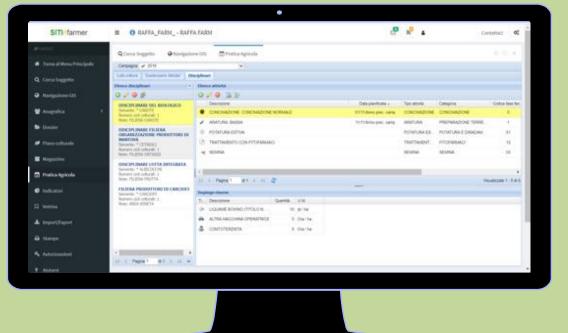




#### Crop fields



#### **Production regulations**



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#### Phenology

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#### **Protocols validation**

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#### NDVI, NDRE1, NDRE2, NDWI, SAVI, EVI2 e CIRE indexs



#### Agro-meteorological indices

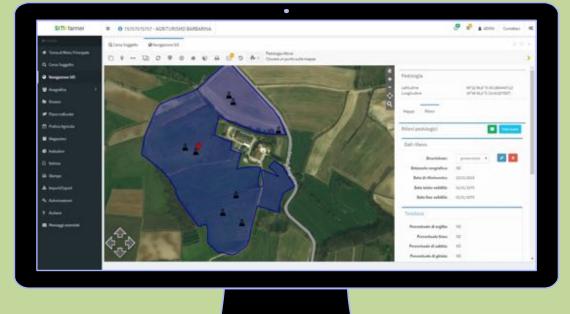
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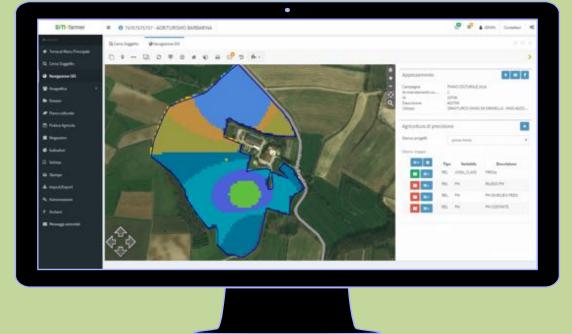
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#### Pedological sampling



#### **Computing Capabilities**



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Data analysis tools

#### Thematic maps



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#### Dashboard



#### Monitoring tools

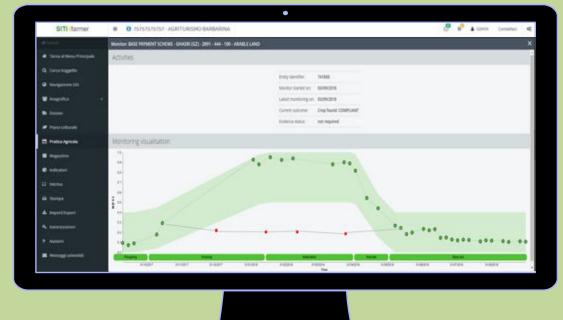
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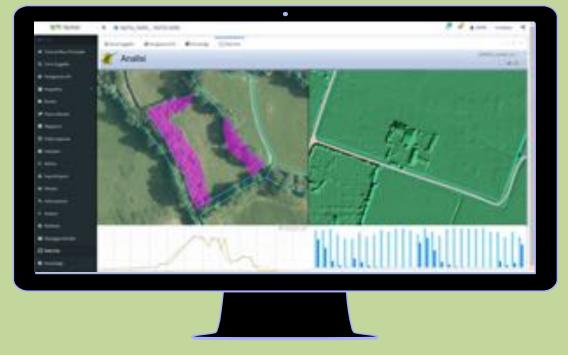


#### **Machine Learning**



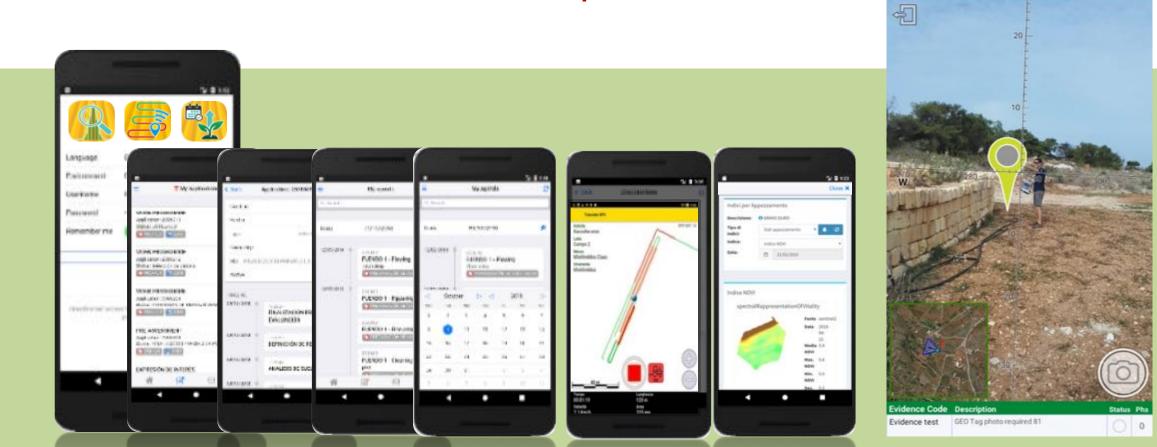
#### **Features Extraction**

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## Thank you

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