SOLUTIONS
FOR PUBLIC
ADMINISTRATION

AbacoAgri

Abaco Agri is the platform **dedicated to Public Administration** that simplifies the process of disbursing funds by 'bringing in the field' updating, correction, monitoring and exchange of agricultural practices, thus facilitating **more modern and innovative resource management.**

It is the modular solution **for national and local governments** to manage the IACS (Integrated Administration and Control System) of agricultural payments.

It enables governments to **simplify interactions with funding recipients** by promoting a collaborative way of working with practitioners, **streamlining processes and reducing disbursement times.**

More than 30 years of experience have enabled the platform to evolve to improve land management **automatic identification and completeness of land use information.** It also creates scalable field knowledge through geospatial intelligence applied to big and open data combined with data.

The application platform **is scalable, configurable and customisable,** making it easy to accommodate and manage regulatory changes. Abaco Agri consists of modules that make up the management solutions. The combination of modules gives rise to multiple solutions.

Some of the solutions are:

- Direct Payments (Surface/Livestock);
- RDP payments (Surface/Livestock);
- RDP Payments (Investment Measures);
- Vineyard File Management;
- Fruit and Olive File Management;

- OCM Wine;
- UMA (Agricultural Motor Users);
- PUA (Agronomic Utilisation Plan);
- File Management.

1
Platform

45
Modules

11
Functional Areas

∞
Solutions

Functional areas include all modules that correspond to the same category:

- Core (Basic);
- General (Basic);
- Applications;
- Control System;
- LPIS (Land Parcel Identification System);
- Monitoring (AMS);

- Register;
- Risk Analysis;
- Scheme Accounting;
- DWH & BI;
- Mobile.

AbacoAgri

Abaco Agri includes all the application components required to manage the process of a Land Information System such as an Integrated Administration and Control System (IACS).

It consists of **independent, modular modules.** Interconnections are implemented via application interfaces. Its modularity **ensures configurability, versatility, scalability and easy integration with existing information systems.**
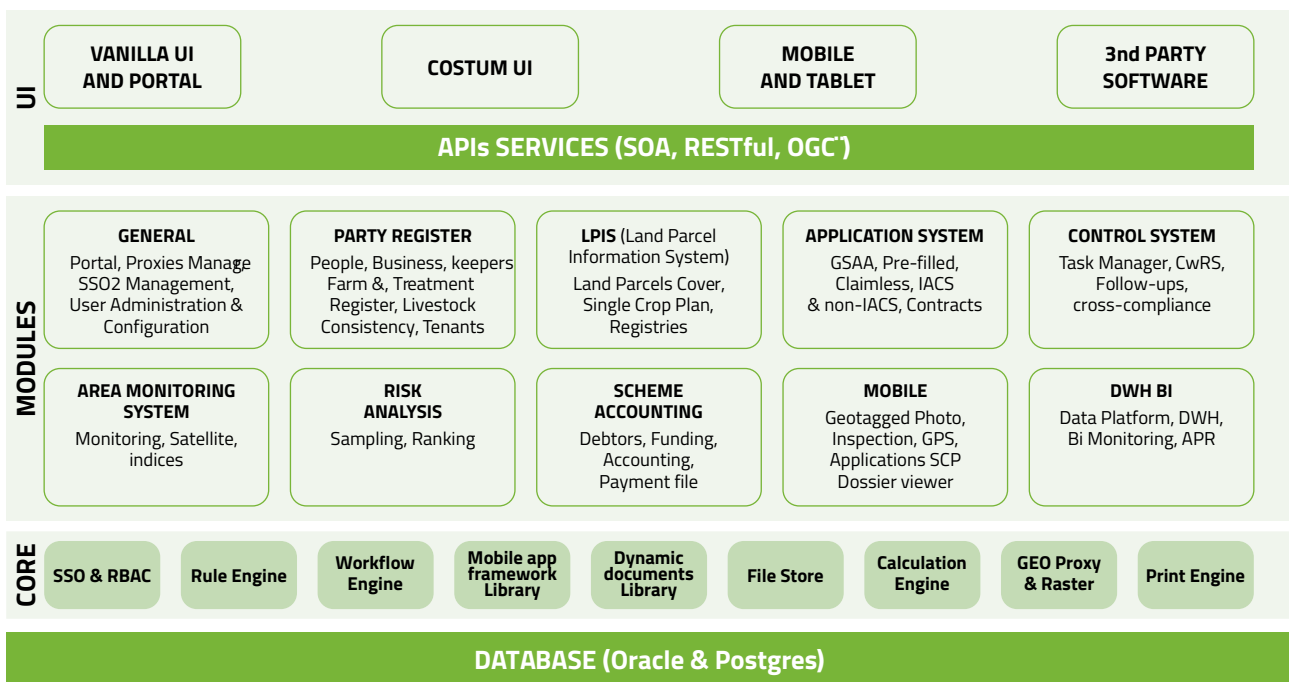
The modules of ABACO Agri combine into self-consistent solutions that meet needs required for IACS management. The application platform is scalable, configurable and customisable, which makes it easy to accommodate and manage regulatory changes.

The data management currently uses **both ORACLE technology and the open-source POSTGRES solution,** which can be chosen as an alternative to the former, which offers similar features and can rely on a large and easily searchable community.

From the user interface point of view, the different modes of communication are intended to be **intuitive and easy.** The applications have **a standard, comprehensive interface,** designed and built to meet the needs of the majority of users.

By means of APIs, it is possible to modify or customise the default interfaces to suit the client's stylistic and accessibility policies.
Application services are managed exclusively through API Rest, giving full consistency and autonomy to the various architectural layers and increasing the robustness of the solutions.

UI	VANILLA UI AND PORTAL	COSTUM UI	MOBILE AND TABLET	3nd PARTY SOFTWARE

APIs SERVICES (SOA, RESTful, OGC*)

MODULES	GENERAL Portal, Proxies Manage SSO2 Management, User Administration & Configuration	PARTY REGISTER People, Business, keepers Farm &, Treatment Register, Livestock Consistency, Tenants	LPIS (Land Parcel Information System) Land Parcels Cover, Single Crop Plan, Registries	APPLICATION SYSTEM GSAA, Pre-filled, Claimless, IACS & non-IACS, Contracts	CONTROL SYSTEM Task Manager, CwRS, Follow-ups, cross-compliance
	AREA MONITORING SYSTEM Monitoring, Satellite, indices	RISK ANALYSIS Sampling, Ranking	SCHEME ACCOUNTING Debtors, Funding, Accounting, Payment file	MOBILE Geotagged Photo, Inspection, GPS, Applications SCP Dossier viewer	DWH BI Data Platform, DWH, Bi Monitoring, APR

CORE	SSO & RBAC	Rule Engine	Workflow Engine	Mobile app framework Library	Dynamic documents Library	File Store	Calculation Engine	GEO Proxy & Raster	Print Engine

DATABASE (Oracle & Postgres)

AbacoAgri

Of all the modules, **15** are core **modules** (which make up the Core and General functional areas) **and common to all solutions (except for CMO Wine and UMA).**

PORTAL

This is the container navigation and access to the platform's application modules via a special menu whose items will be available according to the user's profile (roles, functions, etc.). It also provides the possibility of configuring useful navigation functions (quick access, latest searches, notifications, etc.) and displaying information dashboards according to the user's profile.

PROXIES MANAGER

It manages user mandates and responsibilities for information in administrative files or acts. Allows the definition and control of authorizations for Agricultural Assistance Centers. Freelancers and public offices (OPR, Regions, Ministries, etc.), guaranteeing traceability and accuracy in data access and management.

SSO2 AUTHENTICATION

It manages access to the Abaco Agri platform via authentication methods of the customer (SPID, CIE, CNS/CRS, Active Directory, etc.). It functions as an interface between external authentication systems and the SSO2 core module, guaranteeing secure and compliant access.

AbacoAgri

STANDARD COMPONENTS

USER ADMINISTRATION & CONFIGURATION

It allows you to create and manage application users and configure their profiles (roles, functions, etc.). The main functions of this application module are:

- Creation and/or blocking of utilities;
- Checking the credentials of already connected users;
- Password expiration algorithm management;
- Management of profiles and application responsibilities for users and groups;
- API to allow third-party applications to be integrated into the platform via SSO.

ANOMALY REGISTRY

It detects, records and manages data anomalies to improve operational control and analysis.

CALCULATION ENGINE

It performs complex calculations on structured data, supporting advanced analysis and modelling.

DYNAMIC DOCUMENTS LIBRARY

It creates, manages and transforms interactive and adaptable documents for intelligent and customised data collection.

FILE STORE

It stores and organises digital files in a secure and accessible repository.

GEO PROXY

It provides geolocalisation services to manage spatial data and interactive maps.

AbacoAgri

GEO RASTER

It processes, visualises and analyses raster images and georeferenced 3D models for in-depth spatial analysis.

MOBILE APP FRAMEWORK LIBRARY

It provides tools to develop flexible and platform-integrated mobile applications.

PRINT ENGINE

It generates customised printouts of documents, maps and reports with configurable layouts.

RULE ENGINE

It applies business rules to automate decision-making processes and ensure regulatory compliance.

SSO2

It handles single sign-on authentication for secure, centralised access.

WORKFLOW ENGINE LIBRARY

It coordinates and automates complex workflows to operational efficiency.

AbacoAgri

MODULES AND THEIR FUNCTIONAL AREAS

MONITORING

- **Area Monitoring System (Markers, Indexes, Algorithms)**
  It analyses satellite images and spatial data to identify markers, calculate agricultural indices and apply algorithms for monitoring cultivated areas.

- **Area Monitoring System (Orchestrator)**
  It coordinates the workflows and processes of the monitoring system, integrating geospatial data with analysis modules for centralised management.

APPLICATIONS

- **Applications**
  The management of Application Procedure.

- **Graphical application (GSAA)**
  It allows users to draw and graphically visualise the cultivated areas declared for each type of Direct Payment intervention.

- **Commitments**
  It records and manages declarations of multiannual area and livestock commitments. It integrates with the Applications module for checking the conformity of claims in payment applications.

CONTROL SYSTEM

- **Control System**
  It automates administrative and on-the-spot checks, verifying the compliance of applications with CAP regulations.

- **Task Manager**
  It organises and tracks operational activities, assigned to users, related to the management of applications, including inspections, verifications and notifications.

AbacoAgri

LPIS

- **Graphical crop plan**
  It graphically represents the farm crop plan, integrating information on areas, crops and rotations for optimal planning.

- **LPIS - Corporate Viewer**
  It provides a comprehensive and interactive view of corporate LPIS data by combining maps (layers) and orthophotos with land cover data.

- **LPIS - Parcel Viewer**
  It provides a comprehensive and interactive view of LPIS data at the individual plot level by combining maps (layers) and orthophotos with land cover data.

- **LPIS Editor**
  Advanced editing tool to update and correct LPIS data ensuring accuracy and regulatory alignment.

- **Fruit/Olive-Growing File**
  It manages the fruit/vegetable register based on the National System for Identification of Agricultural Parcels (LPIS), integrating graphical and geo-spatial data to identify and monitor cultivated areas with orchards/olive trees. This system facilitates producer compliance and management and control activities by administrations.

- **Vineyard registry**
  It manages the vineyard register based on the National System for the Identification of Agricultural Parcels (LPIS), integrating graphic and geo-spatial data to identify and monitor areas under vines. This system facilitates the fulfilment of producers' and the management and control activities by the administrations, guaranteeing an accurate update of information on wine production potential.

AbacoAgri

DWH & BI

- **APR**
  It calculates and processes the information required for the production of the Annual Performance Report.

- **BI Monitoring**
  It offers services and provides advanced tools for monitoring business metrics through interactive dashboards, detailed reports and insights to support strategic decisions.

- **Data Platform DWH**
  It centralises and integrates large volumes of data from different sources, supporting efficient information processing and management.

REGISTER

- **Treatment Register**
  It allows the registration and monitoring of plant protection treatments carried out, ensuring compliance with environmental and safety regulations.

- **Customer Land links**
  Manages the declaration of agricultural plots under tenure, specifying the title of ownership (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.

- **Dossier**
  It encapsulates all corporate and personal information, creating a centralised repository for the administrative management of applications.

- **Livestock consistency**
  Records and/or imports from external sources (e.g. BDN, etc.) herd data such as livestock and facility address to ensure compliance and transparency.

- **Party Registry**
  It manages the master data of companies and users, ensuring an up-to-date and compliant archive.

MODULES AND THEIR FUNCTIONAL AREAS

MOBILE

- **Mobile app Field checks**
  It supports field inspections, allowing operators to record data and inspections directly on site via mobile devices.

- **Geophoto mobile app**
  It allows users to take georeferenced photos, associated with specific coordinates, to document the state of agricultural land.

- **Mobile app viewer**
  It allows the beneficiary to easily consult their farm file, including the status of their applications, payments, etc. directly from a mobile device.

RISK ANALYSIS

- **Sampling**
  It automates the sample selection process for spot checks, ensuring, transparency and statistical compliance.

- **Ranking**
  It enables the automatic selection of fundable procedures, based on customisable criteria and associated risk scores, ensuring an objective and transparent evaluation.

SCHEME ACCOUNTING

- **Accounting**
  It manages the financial flows of EU (EAGF and EAFRD) and national funds, coordinating with the institution's treasury to make payments to beneficiaries, ensuring transparency, accuracy and compliance with European regulations.

- **Debtors Register**
  It manages beneficiaries' debts to the paying agency, handling recoveries, interest and automatic updates.

- **Payment authorization**
  It manages the payment authorisation of processed and liquidated claims, generating the liquidation lists to be transmitted to the Accounting module for execution and monitoring of financial flows.

AbacoAgri

SOME OF
THE SOLUTIONS

AbacoAgri

DIRECT PAYMENTS SOLUTION (SURFACE/LIVESTOCK)

The Direct Payments solution is designed to comprehensively manage Pillar I interventions of the 2023-2027 CAP, including basic payments, redistributive supports, eco-schemes and payments for young farmers.

It manages the entire process, from application collection to payment to beneficiaries, ensuring transparency, accuracy and regulatory compliance. By integrating advanced systems, it allows accurate monitoring of agricultural areas, automated verification of declarations and optimisation of administrative and field operations. The solution simplifies the management of spatial, master and business data, ensuring a smooth and centralised workflow.

Thanks to its integrated structure, it enables paying agencies to effectively CAP interventions, supporting farmers and administrations in the proper management of subsidies and in meeting environmental and social objectives.

€ **From 700,000**
*based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Area Monitoring System (Markers, Indexes, Algorithms)	It analyses satellite images and spatial data to identify markers, calculate agricultural indices and apply algorithms for monitoring cultivated areas.	MONITORING
Area Monitoring System (Orchestrator)	It coordinates the workflows and processes of the monitoring system, integrating geospatial data with analysis modules for centralised management.	MONITORING
Applications	Management of the Unified Application process.	APPLICATIONS
Graphical Application (GSAA)	It allows users to draw and graphically visualise the cultivated areas declared for each type of Direct Payment intervention.	APPLICATIONS
Control System	It automates administrative and on-the-spot checks, verifying the compliance of applications with CAP regulations.	CONTROL SYSTEM

AbacoAgri

SOME OF ABACO AGRI SOLUTIONS

MODULES	DESCRIPTION	FUNCTIONAL AREA
Task Manager	It organises and tracks operational activities, assigned to users, related to the management of applications, including inspections, verifications and notifications.	CONTROL SYSTEM
Treatment Register	It allows the registration and monitoring of plant protection treatments carried out, ensuring compliance with environmental and safety	CONTROL SYSTEM
Graphical Crop Plan	It graphically represents the farm crop plan, integrating information on areas, crops and rotations for optimal planning.	LPIS
LPIS Holding Viewer	Provides a comprehensive and interactive view of data corporate LPIS combining maps (layers) and orthophotos to land cover data.	LPIS
LPIS Parcel Viewer	It provides a comprehensive and interactive view of LPIS data at the individual plot level by combining maps (layers) and orthophotos with land cover data.	LPIS
LPIS Editor	Advanced editing tool to update and correct LPIS data ensuring accuracy and regulatory alignment.	LPIS
Mobile App Field Checks	It supports field inspections, allowing operators to record data and inspections directly on site via mobile devices.	MOBILE
Geophoto Mobile App	Allows users to take georeferenced photos, associated with specific coordinates, to document the state of agricultural land.	MOBILE
Mobile App Viewer	Allows the beneficiary to easily consult their farm file, including the status of their applications, payments, etc. directly from a mobile device.	MOBILE
Custumer Land Links	Manages the declaration of agricultural parcels under tenure, specifying the ownership title (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER

AbacoAgri

SOME OF ABACO AGRI SOLUTIONS

MODULES	DESCRIPTION	FUNCTIONAL AREA
Dossier	It encapsulates all corporate and personal information, creating a centralised repository for the administrative management of applications.	REGISTER
Livestock Consistency	Register and/or import from external sources (e.g. BDN, etc.). herd data such as heads of cattle and addresses of structures, to ensure compliance	REGISTER
Party Register	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER
Sampling	Automates the sample selection process for sample checks, ensuring transparency and statistical compliance.	RISK ANALYSIS
Accounting	It manages the financial flows of EU (EAGGF-GA and EAFRD) and national funds, coordinating with the entity's treasury to make payments to beneficiaries, ensuring transparency, accuracy and compliance with EU regulations.	SCHEME ACCOUNTING
Debtors Register	It manages beneficiaries' debts to the paying agency, handling recoveries, interest and automatic updates.	SCHEME ACCOUNTING
Payment Authorization	Manages the payment authorisation of processed and liquidated claims, generating lists of settlement to be transmitted to the Accounting module for the execution and monitoring of financial flows.	SCHEME ACCOUNTING

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

AbacoAgri

RDP solution (Surface/Livestock)

The RDP Payments solution is designed to manage the area and livestock interventions of Pillar II of the 2023-2027 CAP, such as support for organic farming and the protection of biodiversity, sustainable resource management and animal welfare premiums.

It covers the entire administrative process, from the collection of applications to the payment to beneficiaries, ensuring accuracy, transparency and regulatory compliance.
Thanks to an advanced integration of tools, it enables accurate monitoring of agricultural areas and livestock data, automates administrative and field checks, and optimises the management of spatial and financial information. The platform offers a centralised workflow and supports administrations and paying agencies in the effective management of RDP resources.

This solution enables the successful implementation of Pillar II interventions, helping to achieve the environmental and sustainability objectives of the 2023-2027 CAP, supporting farms and rural communities in their development.

€ **From 400,000**
*based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Area Monitoring System (Markers, Indexes, Algorithms)	It analyses satellite images and spatial data to identify markers, calculate agricultural indices and apply algorithms for monitoring cultivated areas.	MONITORING
Area Monitoring System (Orchestrator)	It coordinates the workflows and processes of the monitoring system, integrating geospatial data with analysis modules for centralised management.	MONITORING
Applications	Unified Application Management.	APPLICATIONS
Graphical Application (GSAA)	Allows users to draw and graphically visualise the cultivated areas declared for each type of Direct Payment intervention.	APPLICATIONS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Control System	It automates administrative and on-the-spot checks, verifying the compliance of applications with CAP regulations.	CONTROL SYSTEM
Task Manager	It organises and tracks operational activities, assigned to users, related to the management of applications, including inspections, verifications and notifications.	CONTROL SYSTEM
Treatment Register	Allows recording and monitoring of plant protection treatments carried out, ensuring compliance with environmental and safety regulations.	CONTROL SYSTEM
Graphic Crop Plan	Graphically represents the farm crop plan, integrating information on areas, crops and rotations for optimal planning.	LPIS
LPIS - Holding Viewer	It provides a comprehensive and interactive view of corporate LPIS data by combining maps (layers) and orthophotos with land cover data.	LPIS
LPIS - Parcel Viewer	It provides a comprehensive and interactive view of LPIS at individual parcel level by combining maps (layers) and tophotos to land cover data.	LPIS
LPIS Editor	Advanced editing tool to update and correct LPIS data ensuring accuracy and regulatory alignment.	LPIS
Field Checks Mobile App	Supports field inspections, allowing operators to record data and inspections directly on site via mobile devices.	MOBILE
Geophoto Mobile App	It allows users to take georeferenced photos, associated with specific coordinates, to document the state of agricultural land.	MOBILE
Mobile App Viewer	It allows the beneficiary to easily consult their business file, including the status of their applications, payments, etc. directly from a mobile device.	MOBILE

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Customer Land Links	It manages the declaration of agricultural plots under tenure, specifying the title of ownership (ownership, rent, etc.) and organising all the necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all company and personal information, creating a centralized repository for managing administrative applications.	REGISTER
Livestock Consistency	Records and/or imports from external sources (e.g. BDN, etc.) herd data such as livestock and facility addresses to ensure compliance and transparency.	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliant to regulations.	REGISTER
Sampling	It automates the sample selection process spot checks, ensuring transparency and statistical conformity.	RISK ANALYSIS
Accounting	Manages financial flows of EU funds (EAGF and EAFRD) and national, coordinating with the treasury of the entity to make payments to the beneficiaries, ensuring transparency, accuracy and compliance with European standards.	SCHEME ACCOUNTING
Debtors Register	It manages beneficiaries' debts to the paying agency, handling recoveries, interest and automatical updates.	SCHEME ACCOUNTING
Payment Authorization	It manages the authorisation for payment of processed and liquidated claims, generating the liquidation lists to be transmitted to the Accounting module for execution and monitoring of financial flows.	SCHEME ACCOUNTING

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

AbacoAgri

RDP solution (Investment Measures)

The RDP Payments solution is designed to manage the structural measures of Pillar II of the 2023-2027 CAP, such as farm investments, rural infrastructure and sustainable development measures. It covers the entire administrative process, from the management of applications for support, subject to ranking resource allocation, to the subsequent payment applications for disbursement.

The platform ensures transparent and efficient management of the rankings, applying the priority and scoring criteria laid down in the regulations, and supports administrative and technical checks to verify the compliance of applications and expenditure. It also automates operational flows, ensuring accuracy and traceability at every stage of the process.

With this solution, paying agencies can optimally administer the resources allocated to structural measures, supporting farmers and rural communities in the development and modernisation of their activities, in line with the strategic objectives of the 2023-2027 CAP.

€ **From 700,000**
*Based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Applications	Managing the Application for Support and Payment.	APPLICATIONS
LPIS - Holding Viewer	Provides a comprehensive and interactive view of data corporate LPIS combining maps (layers) and orthophotos to land cover data.	LPIS
LPIS - Parcel Viewer	It provides a comprehensive and interactive view of LPIS data at the individual plot level by combining maps (layers) and orthophotos with land cover data.	LPIS
LPIS Editor	Advanced editing tool to update and correct LPIS data ensuring accuracy and regulatory alignment.	LPIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Field Checks Mobile App	It supports field inspections, allowing operators to record data and inspections directly on site via mobile devices.	MOBILE
Geophoto Mobile App	Allows users to take georeferenced photos, associated with specific coordinates, to document the state of agricultural land.	MOBILE
Mobile App Viewer	It allows the beneficiary to easily consult their farm file, including the status of their applications, payments, etc. directly from a mobile device.	MOBILE
Treatment Register	Manages the declaration of agricultural parcels in conduction, specifying the ownership title (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all corporate and personal information, creating a centralised repository for the administrative management of applications.	REGISTER
Livestock Consistency	Register and/or import from external sources (e.g. BDN, etc.) herd data as livestock heads andaddresses of structures, to ensure compliance and transparency.	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER
Ranking	It manages the creation, sorting and publication the ranking lists for grant applications, by applying priority and scoring criteria defined by the regulations. It ensures transparency and traceability in the selection process.	RISK ANALYSIS

AbacoAgri

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Sampling	It automates the sample selection process for spot checks, ensuring transparency and statistical compliance.	RISK ANALYSIS
Accounting	Manages financial flows of EU funds (EAGF and EAFRD) and national, coordinating with the treasury of the entity to execute payments to beneficiaries, ensuring transparency, accuracy and compliance with European regulations.	SCHEME ACCOUNTING
Debtor Register	It manages beneficiaries' debts to the paying agency, handling recoveries, interest and automatical updates.	SCHEME ACCOUNTING
Payment Authorization	It manages the authorisation for payment of processed and liquidated claims, generating the liquidation lists to be transmitted to the Accounting module for execution and monitoring of financial flows.	SCHEME ACCOUNTING

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

AbacoAgri

Vineyard File Management

The module introduces an innovation in the management of the vineyard register, allowing Agea, Regions, POs, Conductors and CAAs to use a graphical and geospatial platform integrated with the Land Parcel Identification System (LPIS). The solution allows the precise mapping of the areas under vines, improving the monitoring of wine production potential and resolving anomalies in the parcels imported.

In addition to the ordinary management of the register and administrative procedures, the system offers specific back-office support services for the process of maintaining and updating data. Through the platform, it is possible to identify and locate parcels of land cultivated with vines, verifying their compliance with national and EU regulations.

The graphical interface and georeferencing allow the data to be quickly updated and consulted, simplifying the activities of operators and public administrations.
The system guarantees transparency and accuracy, supporting the management of areas under vines and compliance with regulations related to wine-growing policy.

€ From 480,000
*Based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Applications	Management of Applications related to the management of Installations/Estyles.	APPLICATIONS
LPIS - Corporate Viewer	Provides a comprehensive and interactive view of data corporate LPIS combining maps (layers) and orthophotos to land cover data.	LPIS
LPIS - Parcel Viewer	It provides a comprehensive and interactive view of LPIS data at the individual plot level by combining maps (layers) and orthophotos with land cover data.	LPIS
LPIS Editor	Advanced editing tool to update and correct SIPA data ensuring accuracy and alignment regulatory change.	LPIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Vineyards Registry	It manages the vineyard register based on the Land for the Identification of Agricultural Parcels (LPIS), integrating graphic and geo-spatial data to identify and monitor the areas under vines. This system facilitates the fulfilment of producers' obligations and the management and control activities by the administrations, guaranteeing an accurate updating of information on wine production potential.	LPIS
Customer Land Links	Manages the declaration of agricultural parcels in conduction, specifying the ownership title (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all corporate and personal information, creating a centralised repository for the administrative management of applications.	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliance to the regulations.	REGISTER

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

AbacoAgri

Fruit and Olive File Management

The module introduces an innovation in the management of fruit and olive-growing registers, allowing Agea, Regions, POs, Conductors and CAAs to use a graphical and geospatial platform ntegrated with the Land Parcel Identification System (LPIS). The solution allows the precise mapping of fruit and olive-growing areas, improving monitoring and land management.

In addition to the routine management of files and administrative procedures, the system offers specific back-office support services for the data maintenance and updating process.
Through the platform, it is possible to identify and locate the declared plots, verifying their compliance with national and EU regulations.

The graphical interface and georeferencing allow data to be quickly updated and consulted, simplifying the activities of operators and public administrations.
The system guarantees transparency and accuracy, supporting the management of fruit and olive-growing areas and compliance with regulations related to agricultural policies.

€ **From 300,000**
*Based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
LPIS - Corporate Viewer	It provides a comprehensive and interactive view of corporate LPIS data by combining maps (layers) and orthophotos with land cover data.	LPIS
LPIS - Parcel Viewer	Provides a comprehensive and interactive view of data LPIS at individual parcel level by combining maps (layers) and orthophotos to land cover data.	LPIS
LPIS Editor	Advanced editing tool to update and correct LPIS data ensuring accuracy and regulatory alignment.	LPIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Fruit/Olive-Growing File	Manages the Fruit and Vegetable Register based on the LPIS National Parcel Identification System Agriculture (SIPA), integrating graphical and geo-spatial data to identify and monitor the areas cultivated with orchards/olive trees. This system facilitates producer compliance and management and control activities by administrations.	LPIS
Customer Land Links	It manages the declaration of agricultural plots under tenure, specifying the title of ownership (ownership, rent, etc.) and organising all the necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all corporate and personal information, by creating a centralized repository for managing administrative applications.	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

AbacoAgri

OCM Wine

The "OCM Wine" software solution of the CAP 2023-2027 allows the complete management of OCM procedures related to the wine sector, ensuring regulatory compliance, transparency and traceability. It covers all administrative steps, from the submission of applications by farms to the payment of contributions.

The system makes it possible to manage procedures such as vineyard restructuring and conversion, offering advanced tools for monitoring and processing requests. Thanks to the integration with geospatial and cadastral data, it facilitates the verification of the areas and operations foreseen in the intervention plans.

The platform automates administrative and technical checks, speeding up the approval process and ensuring accurate checking of eligibility requirements. It also provides tools for reporting and monitoring the status of applications, simplifying the activities of paying agencies and regions.

€ **From 50,000**
*based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTIaON	FUNCTIONAL AREA
Applications	Restructuring and reconversion of vineyards.	APPLICATIONS
Graphics Applications	Allows users to draw and graphically visualise the cultivated areas declared for each type of Direct Payment intervention.	APPLICATIONS
Control System	It automates administrative and on-the-spot checks, verifying the compliance of applications with CAP regulations.	CONTROL SYSTEM
LPIS Editor	Advanced editing tool to update and correct SIPA data ensuring accuracy and regulatory alignment.	LPIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Vineyard registry	It manages the vineyard register based on the National System for the Identification of Agricultural Parcels (SIPA), integrating graphic and geo-spatial data to identify and monitor the areas under vines. This system facilitates the fulfilment of producers' obligations and the management and control activities by the administrations, guaranteeing accurate updating ofinformation on wine production potential.	LPIS
Mobile App Field Checks	Supports field inspections, allowing operators to record data and inspections directly on site via mobile devices.	MOBILE
Geophoto Mobile App	It allows users to take georeferenced photos, associated with specific coordinates, to document the state of agricultural land.	MOBILE
Customer Land Links	Manages the declaration of agricultural parcels in conduction, specifying the ownership title (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER
Rankings	It manages the creation, sorting and publication the ranking lists for grant applications, by applying priority and scoring criteria defined by the regulations. It ensures transparency and traceability in the selection process.	RISK ANALYSIS
Sampling	It automates the sample selection process for spot checks, ensuring transparency and statistical compliance.	RISK ANALYSIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Accounting	Manages financial flows of EU funds (EAGF and EAFRD) and national, coordinating with the treasury of the entity to make payments to the beneficiaries, ensuring transparency, accuracy and compliance with European standards.	SCHEME ACCOUNTING
Debtor Register	It manages beneficiaries' debts to the paying agency, handling recoveries, interest and automatic updates.	SCHEME ACCOUNTING
Payment Authorization	It manages the authorisation for payment of processed and liquidated claims, generating the liquidation lists to be transmitted to the Accounting module for execution and monitoring of financial flows.	SCHEME ACCOUNTING

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

UMA

UMA is the application to census, calculate, allocate and control the quantities of fuel at subsidised prices granted, within the limits set by the Ministry of Finance, to beneficiaries on the basis of their characteristics and the work they carry out. The solution is intended for farms, agricultural cooperatives, reclamation and irrigation consortia, agro-mechanical companies and agricultural contractors.

The system provides for the management of the entire UMA application process: request, calculation of requirements, preliminary investigation, issuing of the dematerialised or paper booklet, up to the online management of withdrawals. The software allows the compilation of the UMA application (full, down payment, balance) based on the data in the farm file thanks to the census of beneficiaries, land, crops, livestock, machinery, equipment and buildings. It also allows the compilation of the rectification application, the supplementary application (e.g. for disasters) and the closure of the UMA position.

It manages the controls (with approval of the Declaration and Consumption Requirements) and the preliminary investigation phase, with validation of actual consumption in the previous year, allowing easy fulfilment of the annual declaration. It allows automatic calculation of fuel allocation based on crop type and recognition of crop variations on an annual basis and multi-year rotations. It is prepared for the issue of the UMA booklet, both physical and digital. Distributors, through a dedicated mask, can consult the summary of the quantities allocated, withdrawn and available from other distributors, register the deliveries in the system and process the print-out (physical or digital) of the agricultural fuel delivery.

€ From 50,000
*based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Application	Application procedure for the allocation of subsidised fuel for agricultural use.	APPLICATIONS
Graphic Crop Plan	Graphically represents the crop plan farm, integrating information on areas, crops and rotations for optimal planning.	LPIS

AbacoAgri

MODULES	DESCRIPTION	FUNCTIONAL AREA
Customer Land Links	It manages the declaration of agricultural plots under tenure, specifying the title of ownership (ownership, rent, etc.) and organising all the necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all corporate and personal information, by creating a centralized repository for managing administrative applications.	REGISTER
Livestock Consistency	Records and/or imports from external sources (e.g. BDN, etc.) herd data such as livestock and facility addresses to ensure compliance and transparency.	REGISTER
Party registry	It manages the master data of companies and users, ensuring an up-to-date and compliant to regulations.	REGISTER

Where the customer already has some modules, an integration or replacement of already developed functions can be considered.

PUA

To monitor and detect infringements through access to the PUA and the so-called farm notebook. Simplified compilation of the PUA, thanks to integrations with Farm Management tools.

It is the main technical tool of the action programme for nitrate-vulnerable zones from agricultural sources, for the legal requirements of the Agronomic Use Plan. The solution makes it possible to manage the stores with access to the reference databases; set the protocols of the production specifications and constraints; check the consistency of the treatments with the reference crop plan; view anomalies and act on errors in good time; perform checks and extract the sample according to the rules in force and print reports.

€ **From 150,000**
*Based on Users, Subjects, Area

HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Application	PUA management.	APPLICATIONS
Graphic Crop Plan	Graphically represents the crop plan farm, integrating information on areas, crops and rotations for optimal planning.	LPIS
Party registry	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER

i *Where the customer already has some modules, an integration or replacement of already developed functions can be considered.*

AbacoAgri

Register Management

The farm and farmer registers, with a powerful catalogue of information describing the agricultural activity (territorial components, livestock, buildings, means of production, etc.), all serving the other application components of the platform. The solution makes it possible to record and manage certified information with the relevant validations thanks to connections with external reference databases (Tax Registry, Chamber of Commerce, Zootechnical Registry, ASL, Registers, etc.). In addition, it makes it possible to connect the 'stable' information of the file components with the modules in charge of 'time' declarations (cultivation plans, treatment registers, aid applications) and to represent the up-to-date 'snapshot' of the farm, providing a reservoir of valuable information for authorised users (farmers, CAAs, PA users), both via browser and via ad hoc components of the mobile modular solution.

€ **From 100,000**
*Based on Users, Subjects, Area
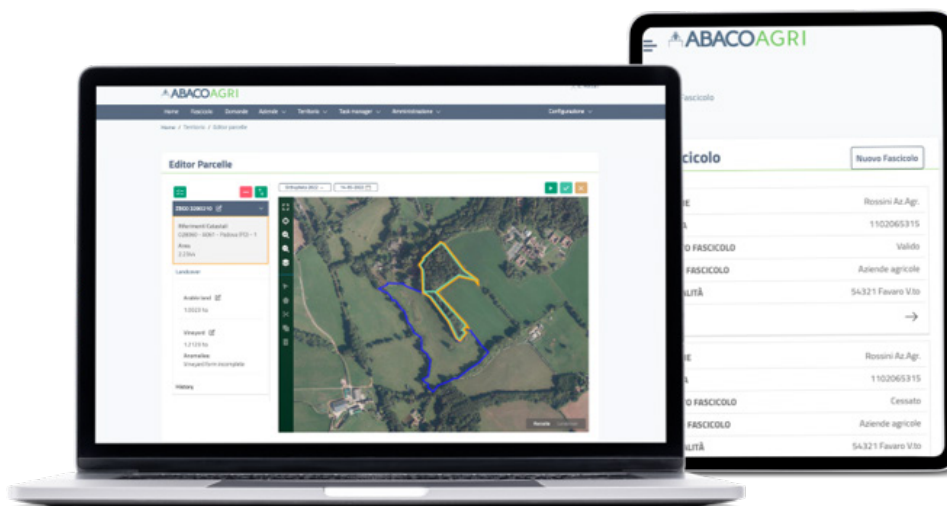
HOW THE SOLUTION IS COMPOSED

MODULES	DESCRIPTION	FUNCTIONAL AREA
Graphical Crop Plan	It graphically represents the farm crop plan, integrating information on areas, crops and rotations for optimal planning.	LPIS
Customer Land Links	Manages the declaration of agricultural parcels in conduction, specifying the ownership title (ownership, rent, etc.) and organising all necessary supporting documentation to ensure transparency and administrative compliance.	REGISTER
Dossier	It encapsulates all company and personal information, creating a centralised archive for the administrative management of applications.	REGISTER
Livestock Consistency	Records and/or imports from external sources (e.g. BDN, etc.) the herd data such as heads of cattle and structure addresses, to ensure compliance and transparency	REGISTER
Party Registry	It manages the master data of companies and users, ensuring an up-to-date and compliant archive.	REGISTER

i *Where the customer already has some modules, an integration or replacement of already developed functions can be considered.*

Simplification

By designing the new platform and using the most innovative development technologies, users will have access to a simple and intuitive platform which will become the reference point interaction with the public administration.
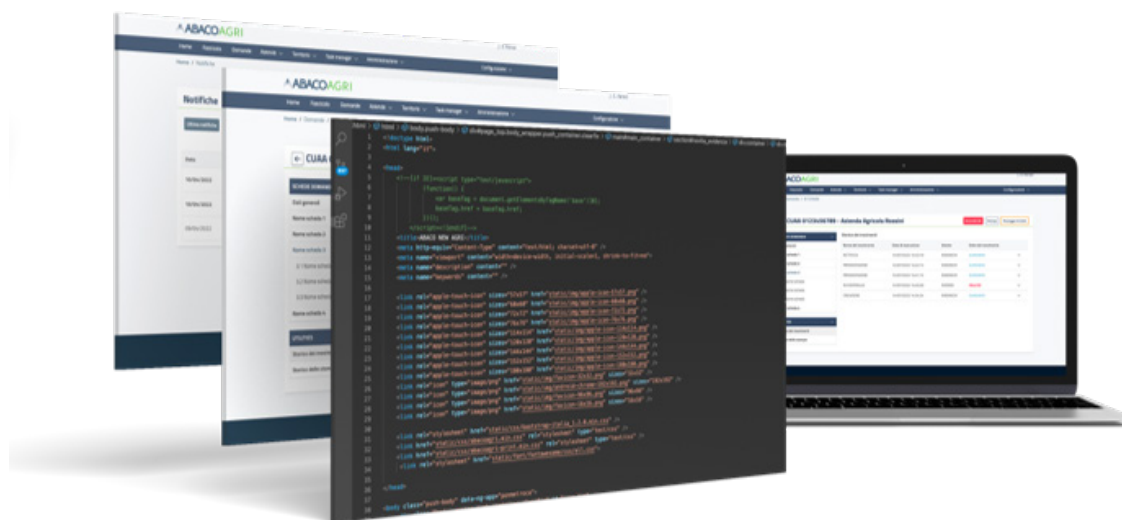

Usability

Thanks to our strong UI/UX design skills, ABACO Agri is easy to use for administration and users.

AbacoAgri

THE ADDED VALUE

Accessibility

Standard based on the latest version of the Web Content Accessibility Guidelines (WCAG) 2.1, conformance level AA.

Technology

Support of multiple databases, scalability of the system, modularity of the software, use of Rest APIs, multi tenancy supported by all modules.

AbacoAgri

AbacoAgri