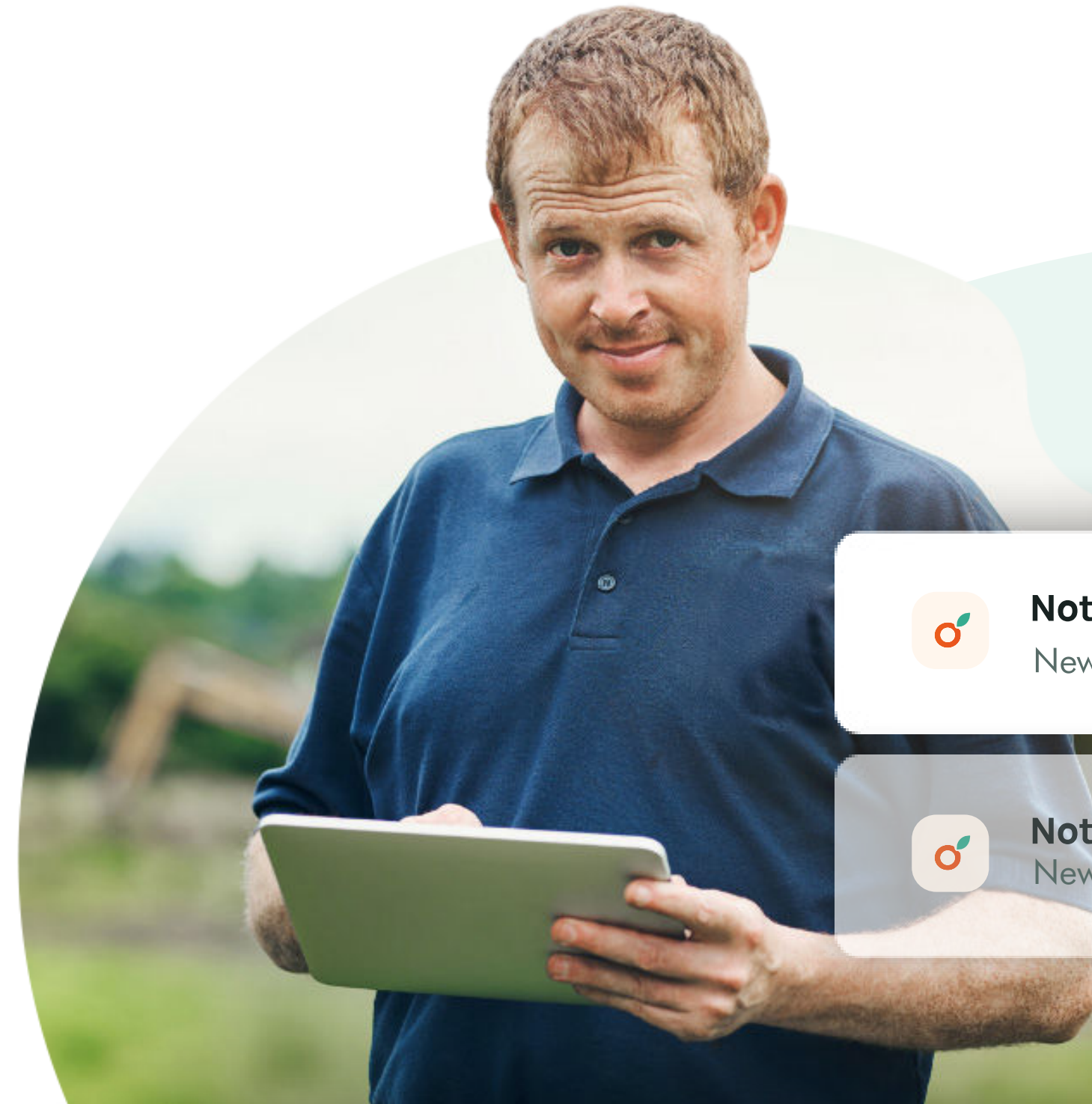


Simplify your farm monitoring

with

abelio



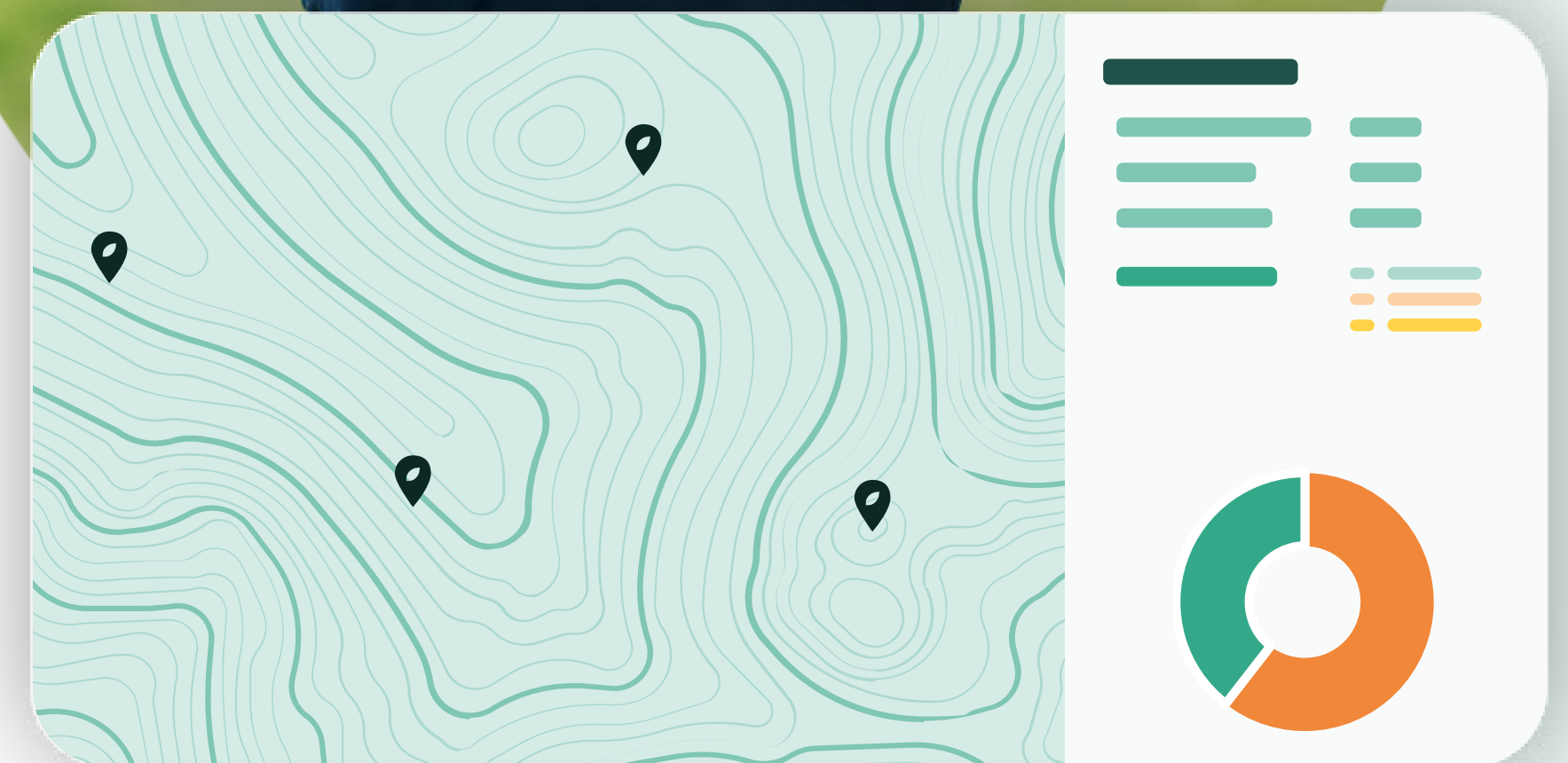
Notification

New email from Abelio



Notification

New email from Abelio



4 services, 1 solution

A turnkey solution to simplify your daily life!

Find maps, alerts and modulation files on a single platform, connected to farming tools (traceability, weather stations, etc.)



Optimisation of fertilization

Nitrogen recommendation and dose modulation by **satellite**

Crops: wheat, barley, rapeseed, maize, potatoes



Weed detection

Detection of thistles, daturas and generic weeds **by drone**

Crops: beet, green beans, maize, soya, flax, potatoes



Forecasting of stages and diseases

Forecasting of stages and diseases using **agro-meteo data**

Crops: wheat, barley, maize, potatoes



Irrigation management

Water tour management using **satellite** and **agro-meteo data**

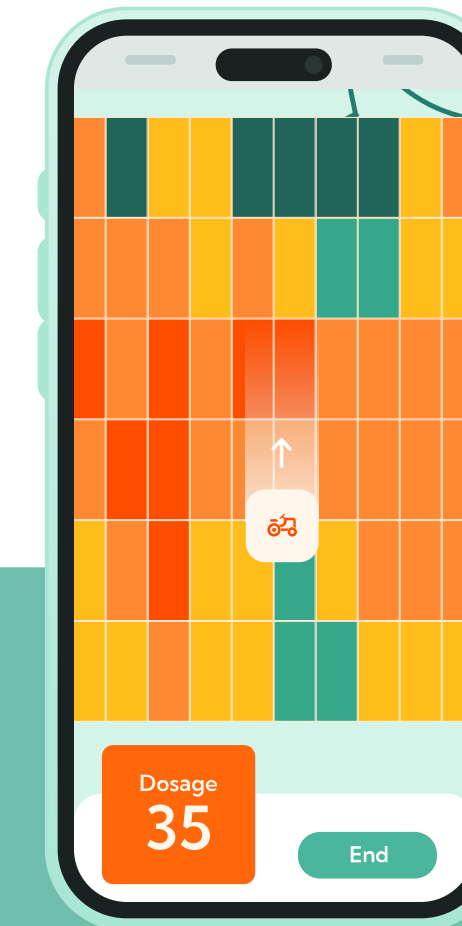
Crops: wheat, barley, maize, soybeans, green beans, potatoes



Optimize your nitrogen intakes

Improve your performance by providing the right dose, in the right place!

- Generation of reliable agronomic advice available **within 1 hour after adding a plot**, unlimited updatable and at **no additional cost**
- Use of the **latest satellite images** that can be used continuously
- Modulation cards ranging from 2 to 10 zones, adapted to the console for **automatic modulations**. **Manual modulation** available via mobile app.
- Possible uncapping of the dose** provided for by the regulation as a last application if the needs of the crop justify it



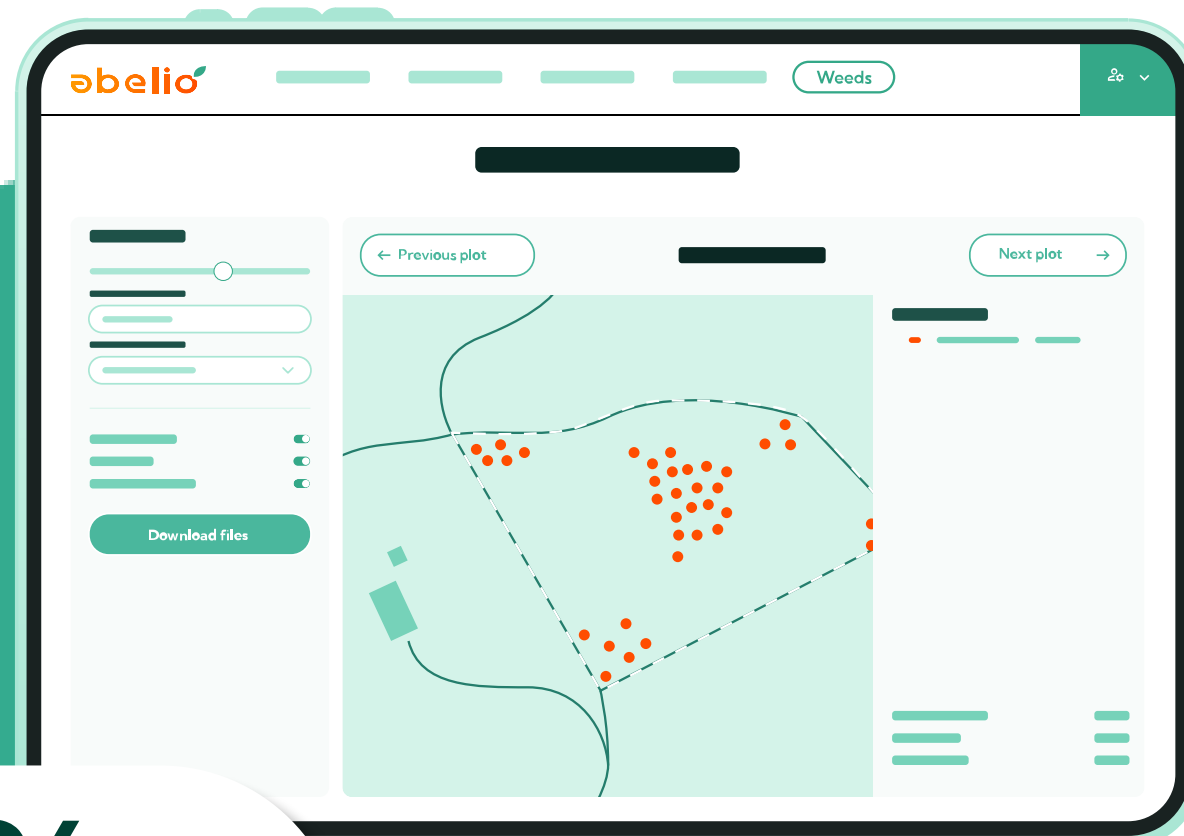
-5%
nitrogen on average
per hectare
(Arvalis/Terres Inovia)

+0.8%
protein gain
(Arvalis)

+300kg
average yield per
hectare
(Arvalis)

Detect your weeds

Locate and treat while saving on herbicide!



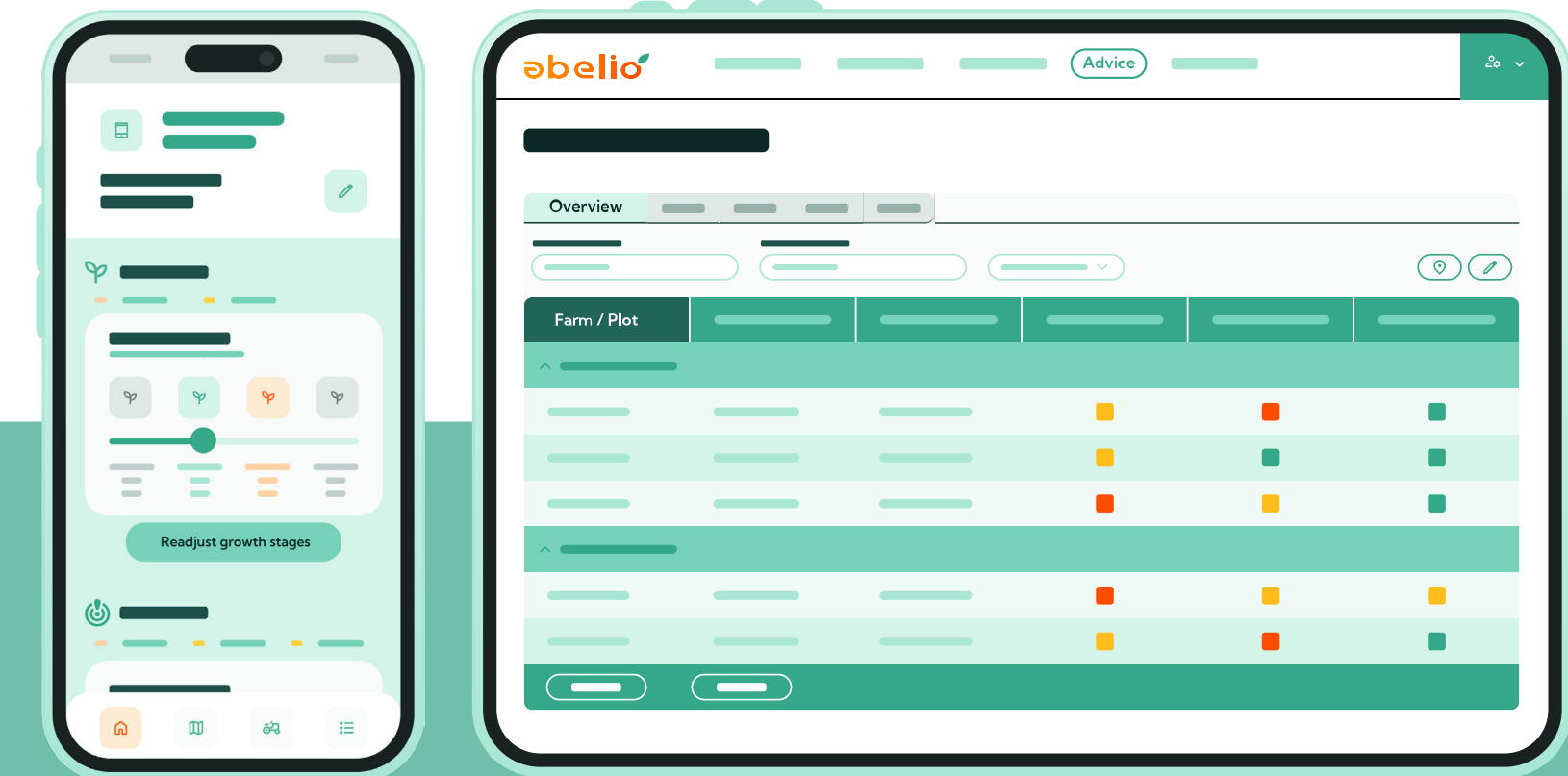
68%
average herbicide
savings on beets
(INRAE)

- o Detection of **thistles** on beets, potatoes and flax, detection of **datura** on corn and green beans, generic detection of weeds on corn
- o 1 drone flight for precise detection of weeds (2 possible for datura)
- o **Customizable zone detection and modulation** cards suitable for treatment by section cutoff or nozzle to nozzle
- o CEPP referenced functionalities, IFT reduction

Evaluate the health of your crops

And optimize your fungicide use by triggering the treatment at the right time!

- o Agro-weather models to warn the farmer:
 - Risk of appearance of diseases on straw cereals and potatoes (mildew)
 - On the evolution of culture
- o Agronomic reliability with the use of **proven models** (Arvalis)
- o Advantages:
 - **Economical:** gain in yield and reduction in the use of fungicides
 - **Ecological and regulatory:** get more CEPP



-21%
of fungicide used on
average
(Arvalis)

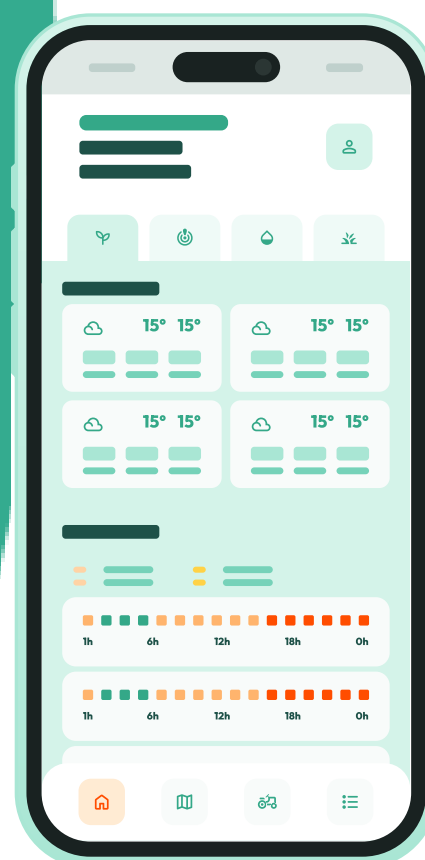
Pilot your irrigation

Optimize your water resources while avoiding stress on your crops!



500m³

of water saved per
hectare per year on
average



- o A set of data grouped together to **optimize decision-making**: water balance calculated from soil data, data and characteristics provided, spatial weather forecast, etc.
- o Satellite data to more precisely estimate the consumption of culture (ETP)
- o **Adapted to operational constraints**: duration of a water tour, quotas, waiting days
- o **Compatible with weather stations** (Sencrop, Weenat)

Benefits for all



Use of inputs

Valorize each unit



Inputs optimization



Regulation conformity and differentiating services

Crop quality

Maximize yields, limit losses



Improved yields and crop rejection avoided



Quality crops and compliance with specifications

Time management

Save valuable time



Working comfort, optimized time (unique tool)



Simplified logistics and operational monitoring



Farmer's advantage



Distributor or cooperative

Abelio solution in a few figures

+120

Distributors of
Abelio services

+10 000

Farmers
users

30s

To set the
platform

An extensive network of partners



Contact

Are you interested in our decision support tools or want to know more?
Contact us!



contact@abelio.io



abelio

FARM MONITORING