EU-FarmBook

EUFRAS
EUROPEAN FORUM FOR AGRICULTURAL AND RURAL ADVISORY SERVICES

Collaborative Online Forum For Exchange & Engagement

How EU-FARMBOOK can strengthen Your daily advisory work

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29.01.2026

HORIZON EUROPE PROJECT EU-FARMBOOK
EC

EU-FarmBook

18 COUNTRIES

29 PARTNERS

17 NETWORK ORGANIZATIONS

07 PROJECT DURATION

*EU Organizations Head Offices

User needs

Every project has its own website, social media page, etc. **RESEARCH is SCATTERED**

Changing role: Knowledge **provider to** knowledge **facilitator**

Advisors

Is the source of information trustworthy? Is the answer of the solution **trustworthy?**

Is the content **applicable** in the field?

Can I contact or **reach out** to the project collaborators?

Is the material available in my **language**?

Is the **project** still **active**?

Project and Research needs

Communication, Dissemination and Exploitation of **results IMPORTANT**

There is often a **lack of time & budget** in the projects

Language is a barrier

EU PROJECTS

It is challenging to **reach** te relevant **target audiences**

Websites **ending projects** go offline, results are **lost**.

Support needed in **creating the output** of projects

Support needed in **storing output** according to FAIR principles

Contributions

2,042 registered projects on the platform, and knowledge objects from more than 1,838 projects uploaded to EU-FarmBook

261 Horizon R&I projects visible (including 61 thematic networks and 10 advisory networks)

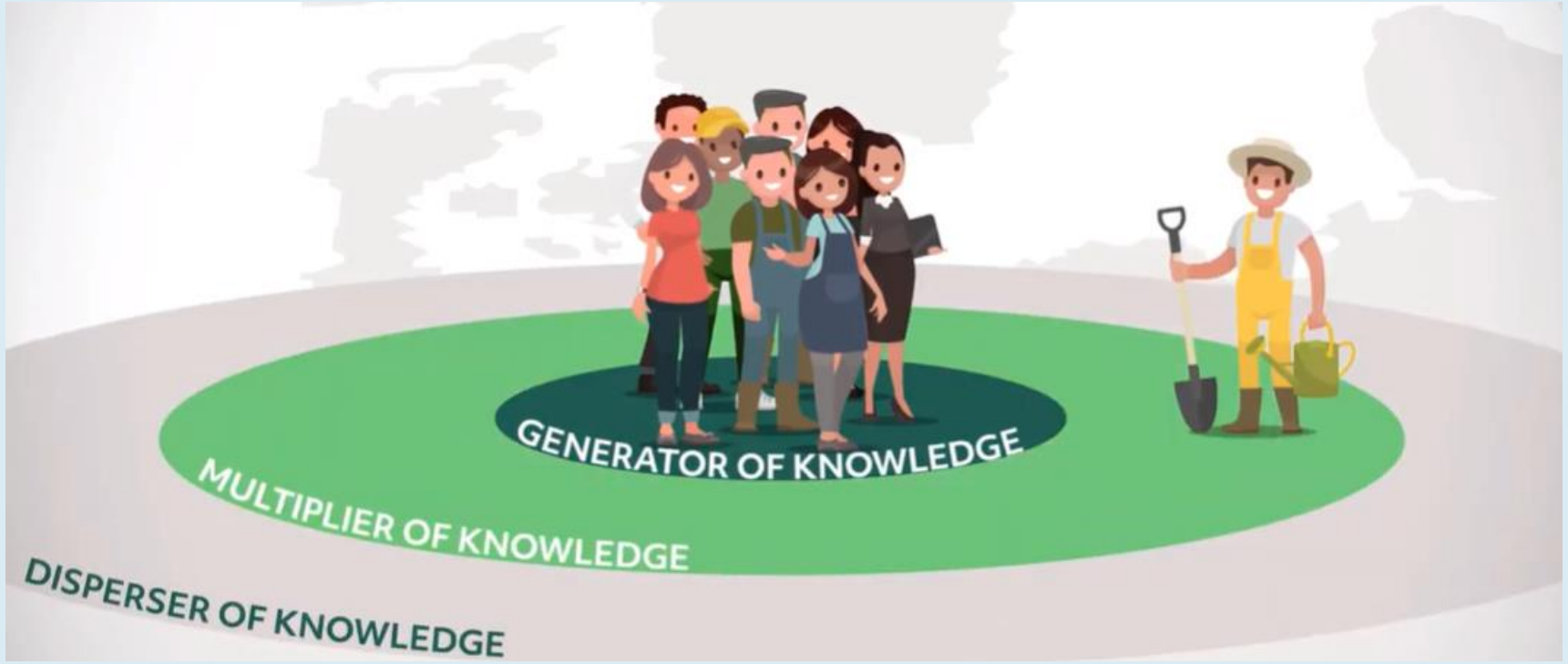
1,537 Operational Groups (OGs) available with knowledge objects and practice abstracts (manual & batch uploads, web scraping)

& Growing

KEY FEATURES

EU-Wide Community

EU-FarmBook enhances stakeholder engagement by connecting policymakers with experts, researchers, and practitioners, involving the AKIS community across Europe.



EXPLORE EU-FARMBOOK KEY FEATURES

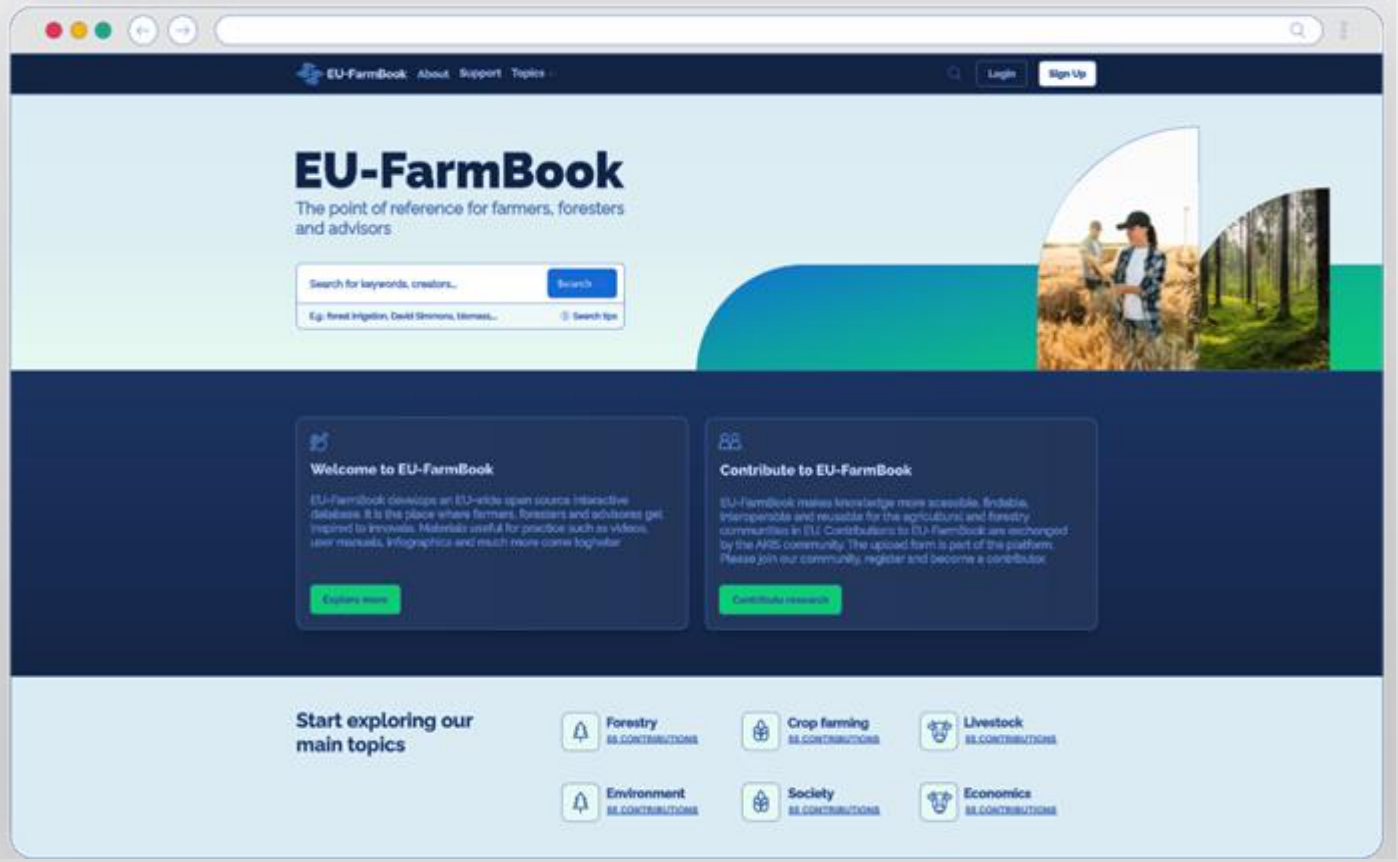
Target Group Policy Stakeholders (AKIS Coordination Bodies, CAP Rural Networks, Policymakers at EU, Regional, National Level) *Individuals or groups responsible for creating and implementing policies that govern agriculture and rural development.*	
Feature	Benefit
Free Access and Long-Term Hosting	Practice-oriented materials are hosted permanently at no cost, ensuring compliance with Grant Agreement requirements. This guarantees ongoing availability without additional expenses.
EU-Backed Knowledge Repository	Enhances visibility of existing knowledge, ensuring it reaches the right people for informed decision-making.
Farm-Assistant	Saves time by delivering tailored search results, helping policymakers to find relevant materials efficiently.
Support Centre	Provides guidance on using the platform effectively, making it easier to access, utilize, or recommend practice-oriented knowledge.
Practice-Oriented Materials	Offers clear, practical materials in accessible formats that directly address real-world challenges and support exploitation.
AI-Assisted Upload	Facilitates easy sharing of practice-oriented materials, ensuring an effective repository of EU-funded projects results.
Dedicated Project Page	Reduces the need for individual websites, saving costs and improving knowledge dissemination.
Advanced Analytics	Provides insights into project success, ensuring funding is well-invested and research impact is measurable.
Multilingualism	Ensuring knowledge to be widely accessible, strengthening rural areas and AKIS and removing language barriers with AI automatic translations in 24 EU languages and AI-assisted search in at least six key languages, making it easier to access content in the preferred language.
EU-Wide Community	Enhances stakeholder engagement by connecting policymakers with experts, researchers, and practitioners, involving the AKIS community across Europe.

KEY FEATURES

FREE ACCESS PLATFORM

Practice-oriented materials are hosted permanently in **open access** at no cost, ensuring compliance with Grant Agreement requirements – 2022-2029

The structured depository according to the FAIR principles guarantees ongoing availability without additional expenses.



KEY FEATURES

VISIBILITY EU-FUNDED RESEARCH

The primary goal of EU-FarmBook is to ensure that innovative results and best practices coming from **eu-funded projects** in agriculture, forestry and rural development **reach the people** who can help put them into practice:

EU-FarmBook enhances visibility of existing knowledge, ensuring it reaches the right people for informed decision-making.

FARMERS

FORESTERS

ADVISORS

RURAL ACTORS

COMPLEMENTARITY NOT COMPETITION

EU-FarmBook project database connecting existing EU-databases

EU CAP NETWORK

EU-FarmBook

CORDIS

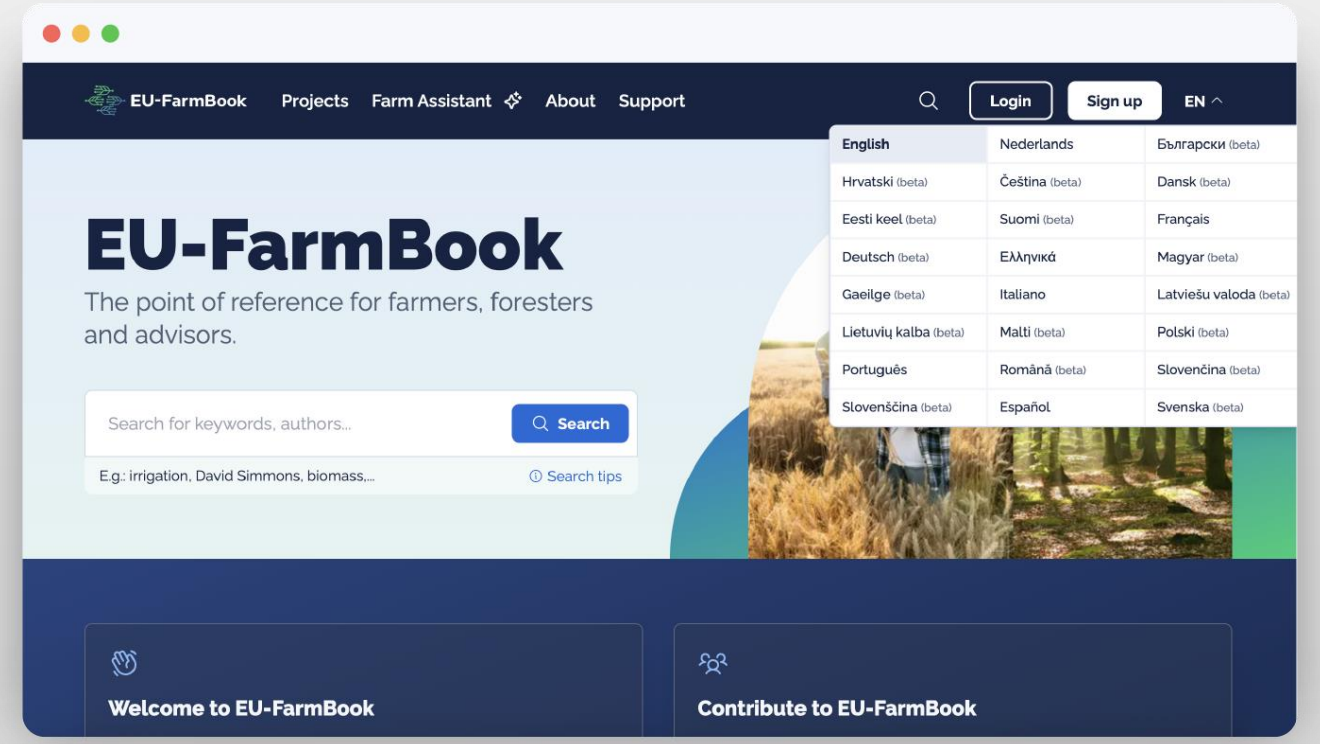
HORIZON RESULTS BOOSTER

KEY FEATURES

MULTILINGUAL HUB

Language is often a barrier to sharing knowledge across borders.

EU-FarmBook removes this hurdle with automatic translations in **24 EU languages** and **AI-assisted smart search functions**, ensuring knowledge is widely accessible, strengthening rural areas and AKIS.

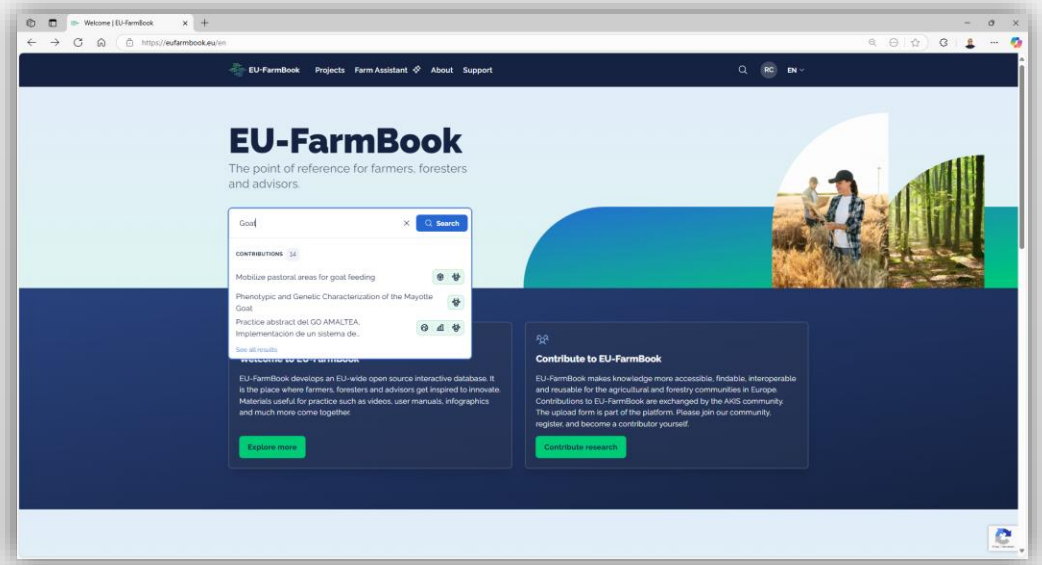


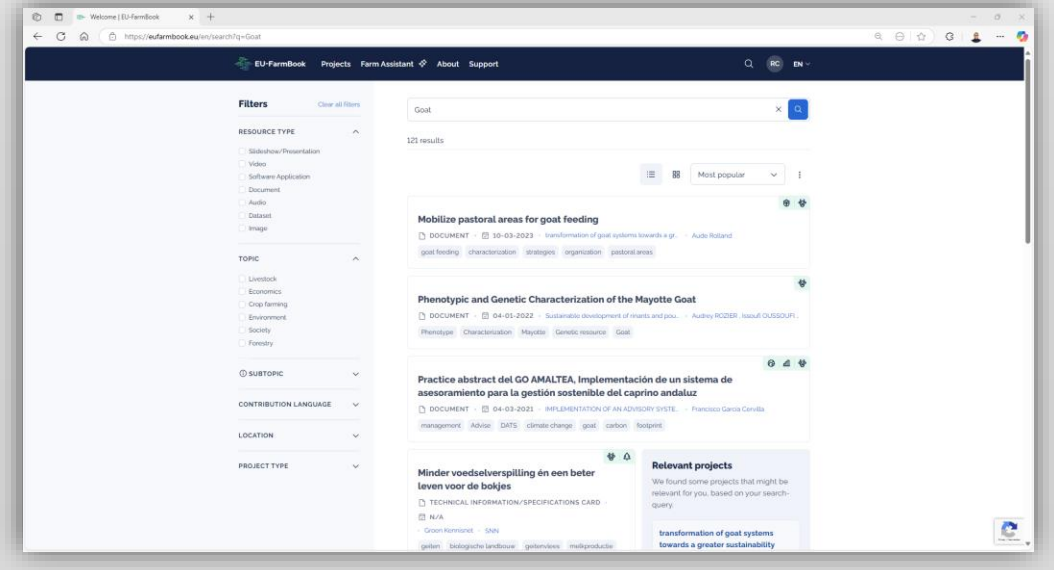
KEY FEATURES

Solid Search

The EU-FarmBook search helps you quickly find reliable knowledge, projects, and practical results from across Europe.

Simply type what you're looking for and explore well-structured, relevant content—no complexity, just a powerful search that works the way you expect.

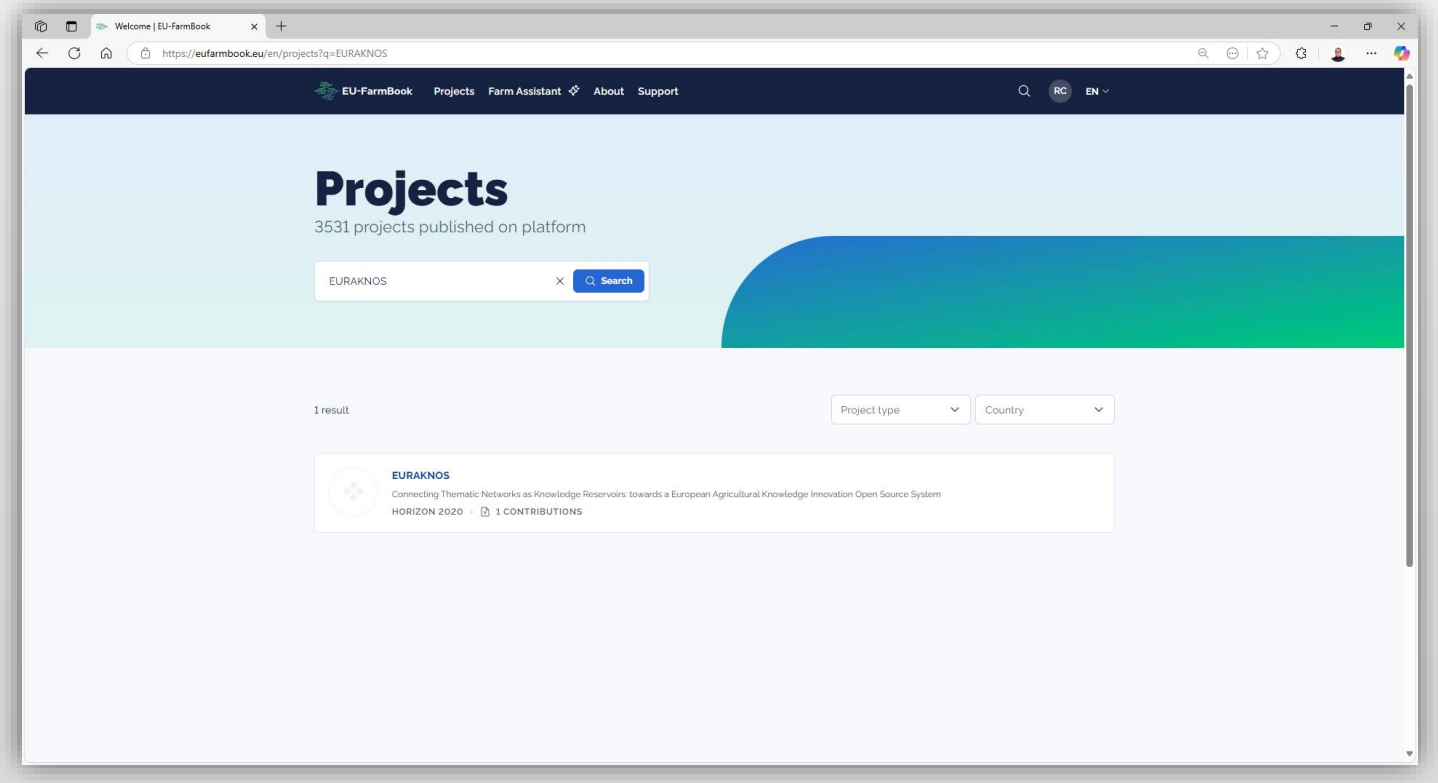




KEY FEATURES

Project Search

With EU-FarmBook's project search, simply enter the acronym and go straight to the project you're looking for.

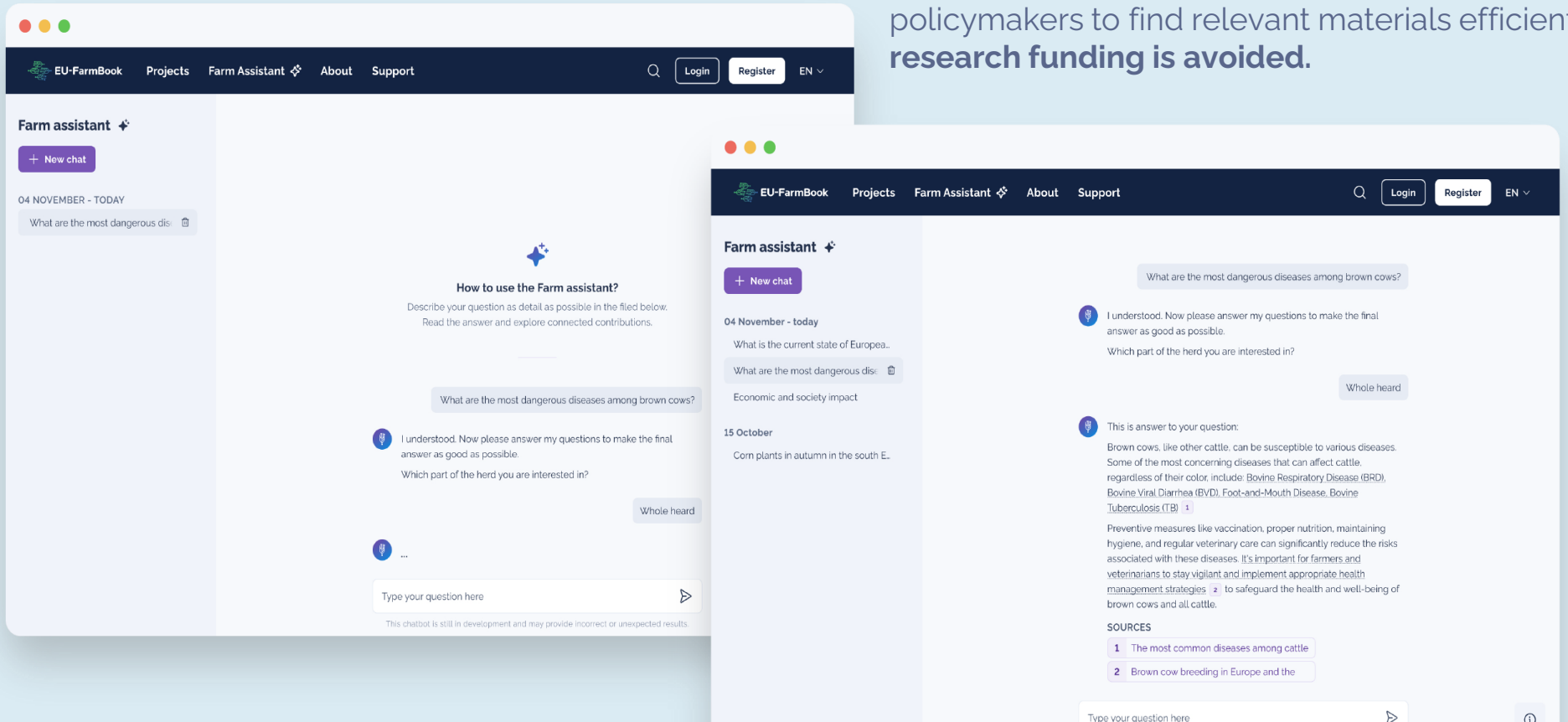


KEY FEATURES

FARM-ASSISTANT

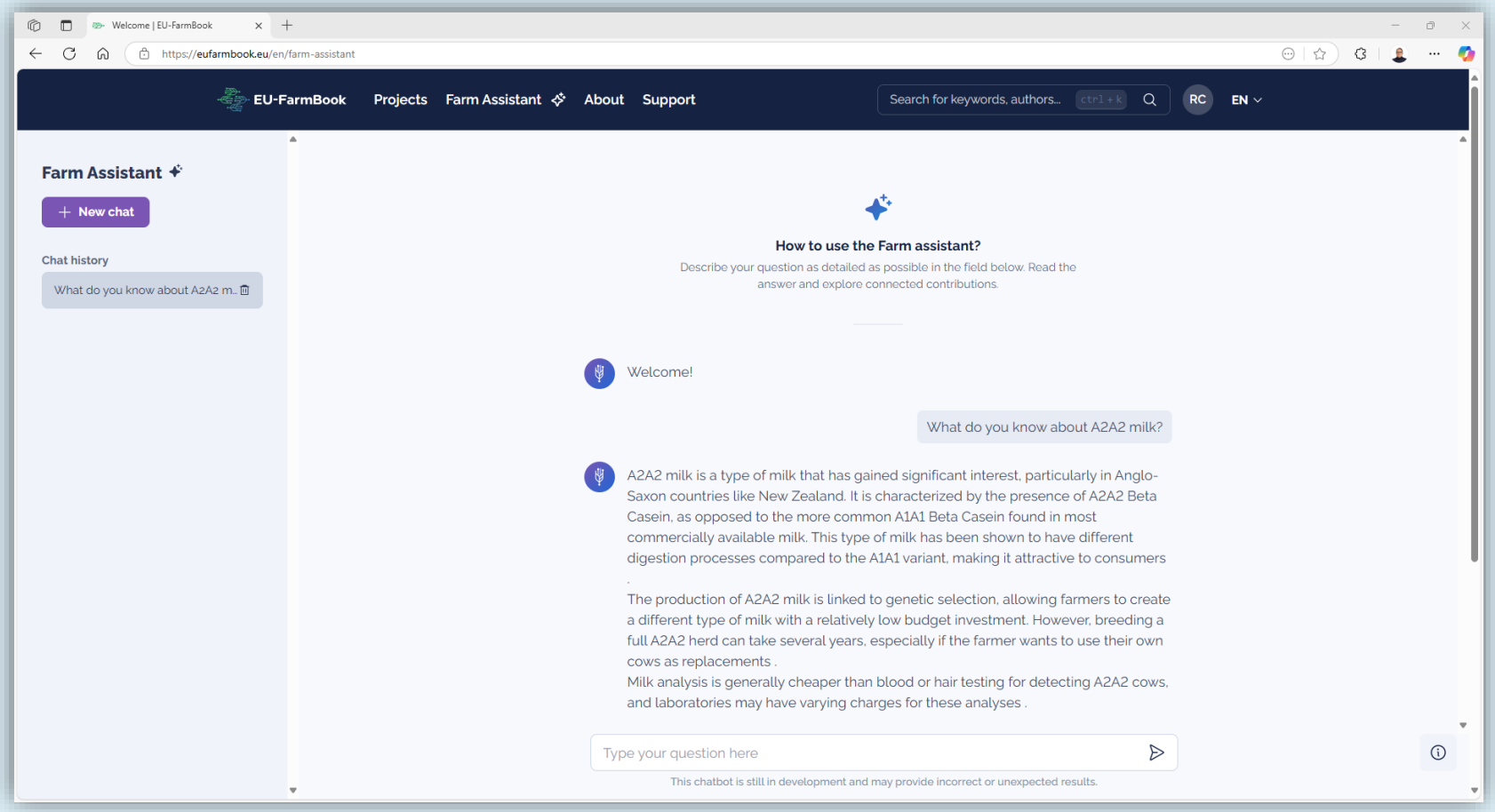
With the help of AI, our Farm-Assistant chatbot offers smart, personalized search results based on your needs. Every answer includes a link to the original source for deeper insights, ensuring **accurate** and **quick access to information.**

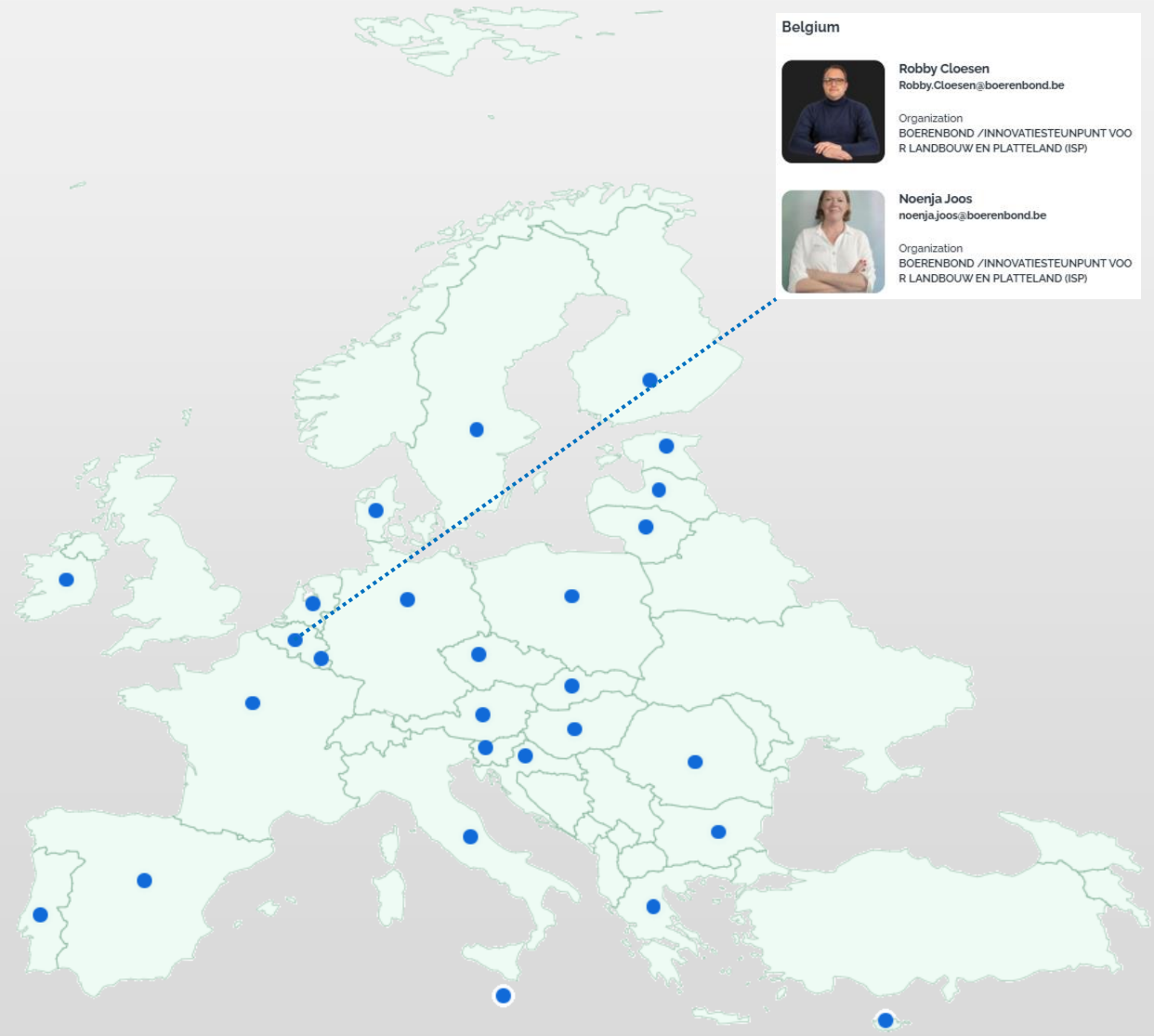
Saves time by delivering tailored search results, helping policymakers to find relevant materials efficiently. **Double research funding is avoided.**



KEY FEATURES

FARM-ASSISTANT





https://welcome.eufarmbook.eu/engage/

KEY FEATURES

SUPPORT CENTRE

29 Partners (17 Network Organisations)
18 Countries

EU-FarmBook Provides guidance on using the platform effectively, making it easier to access, utilize, or recommend practice-oriented knowledge

Contributors receive support in the **upload process** and connection to national/sectoral ambassadors.

Guidelines help create **high-quality practice-oriented materials** tailored to agricultural and forestry user communities.

KEY FEATURES

DEDICATED PROJECT PAGES

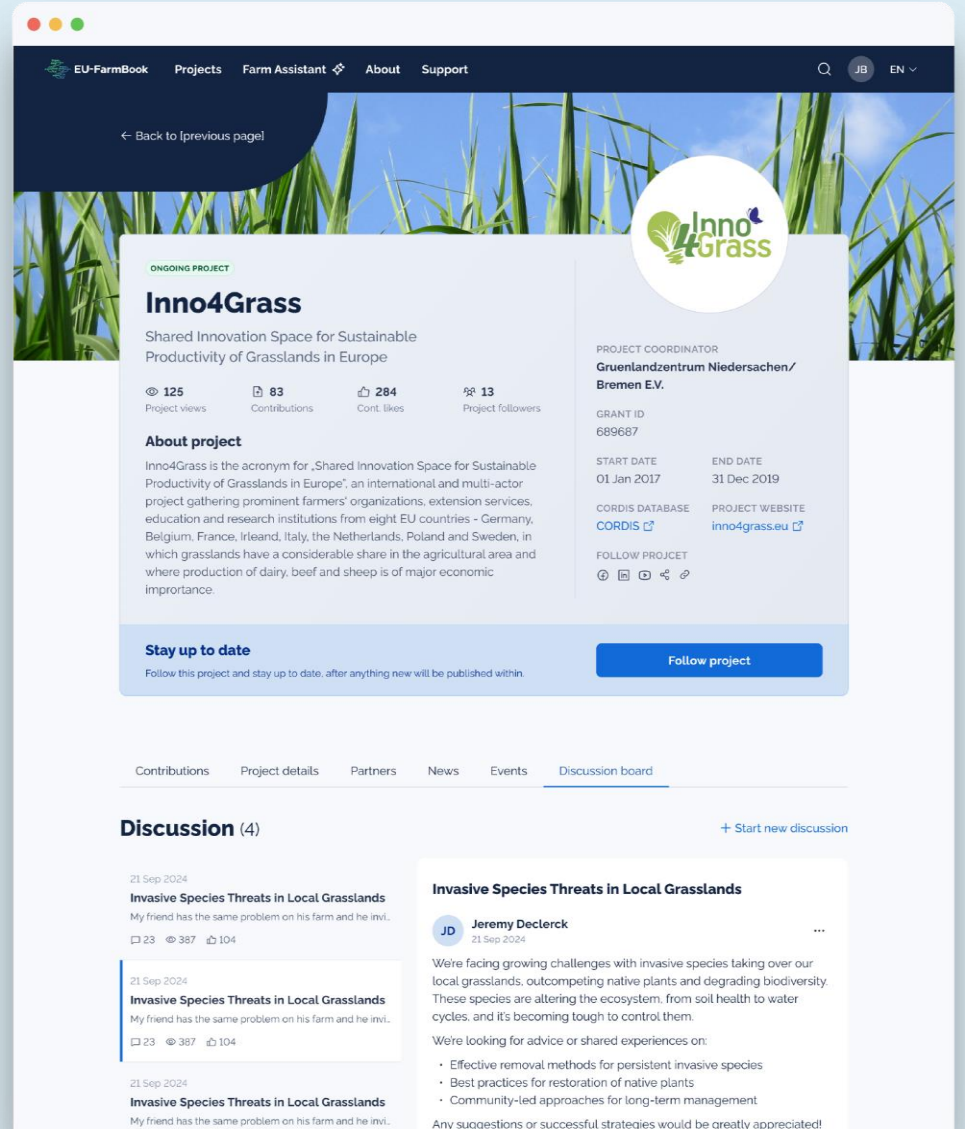
Reduces the need for individual websites, saving costs and improving knowledge dissemination.

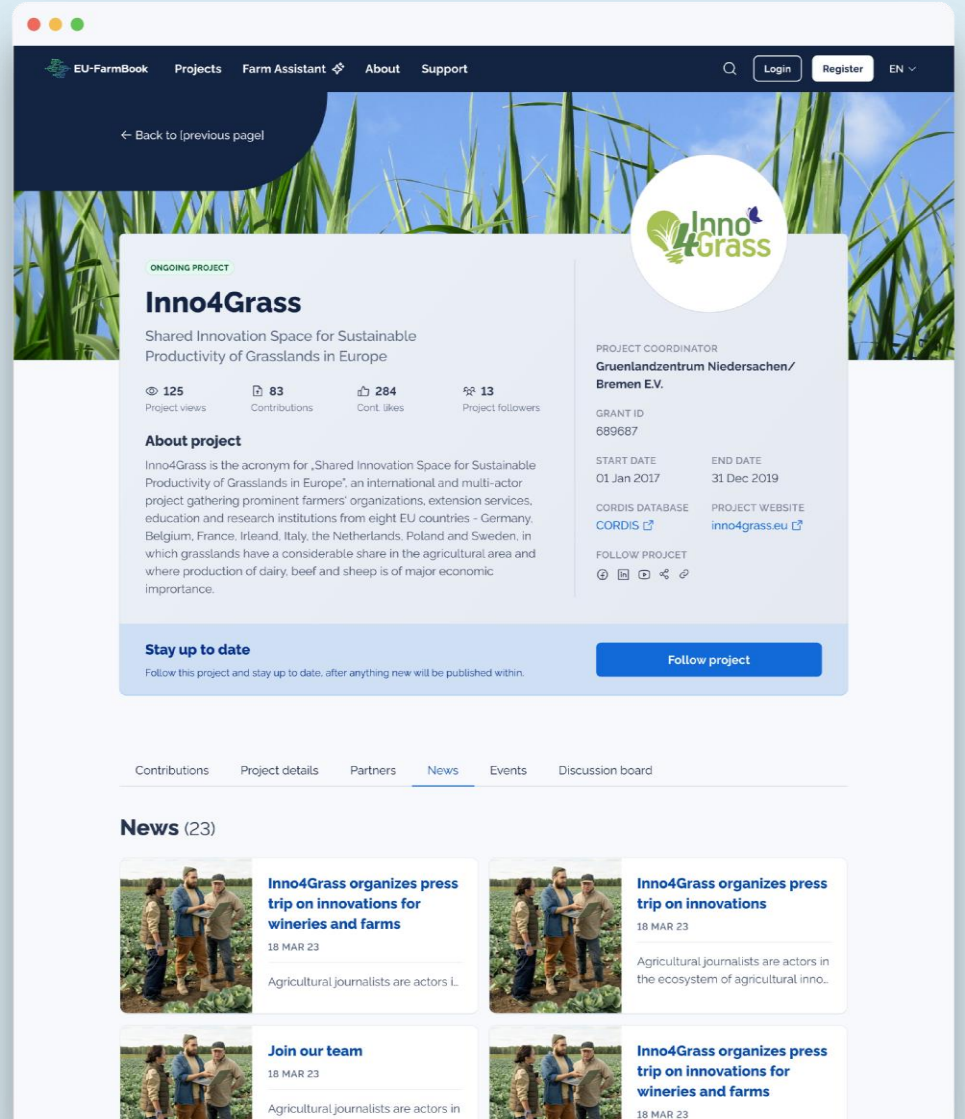
Research & innovation projects and their project results become **more visible and accessible** at EU level.

Reduces the need for individual websites, **saving costs** and improving knowledge dissemination.

Includes: project details and uploads, description of partners, events, news and a discussion board.

The EU-FarmBook can serve as a **central hub** facilitating networking and transnational collaboration amongst the full range of EU-funded project types.




EU-FarmBook
Projects
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EN
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ONGOING PROJECT
Inno4Grass
Shared Innovation Space for Sustainable Productivity of Grasslands in Europe
125
Project views
83
Contributions
284
Cont. likes
13
Project followers
About project
Inno4Grass is the acronym for „Shared Innovation Space for Sustainable Productivity of Grasslands in Europe", an international and multi-actor project gathering prominent farmers' organizations, extension services, education and research institutions from eight EU countries - Germany, Belgium, France, Irleand, Italy, the Netherlands, Poland and Sweden, in which grasslands have a considerable share in the agricultural area and where production of dairy, beef and sheep is of major economic improtance.
PROJECT COORDINATOR
Gruenlandzentrum Niedersachen/ Bremen E.V.
GRANT ID
689687
START DATE
01 Jan 2017
END DATE
31 Dec 2019
CORDIS DATABASE
CORDIS
PROJECT WEBSITE
inno4grass.eu
FOLLOW PROJCET
Stay up to date
Follow this project and stay up to date, after anything new will be published within.
Follow project
Contributions
Project details
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News
Events
Discussion board
News (23)
Inno4Grass organizes press trip on innovations for wineries and farms
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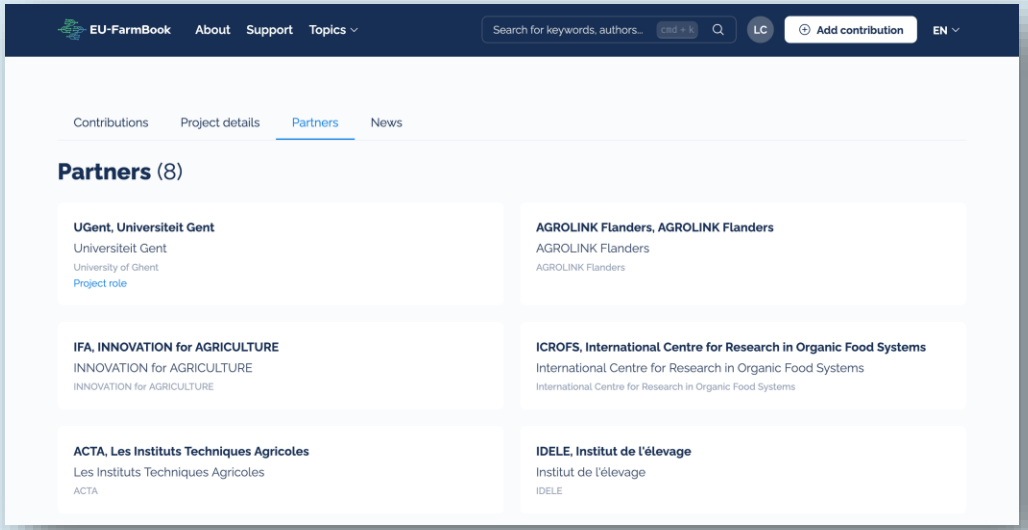
18 MAR 23
Agricultural journalists are actors in
Inno4Grass organizes press trip on innovations for wineries and farms
18 MAR 23


EU-FarmBook
About
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Topics
Search for keywords, authors...
cmd + k
LC
Add contribution
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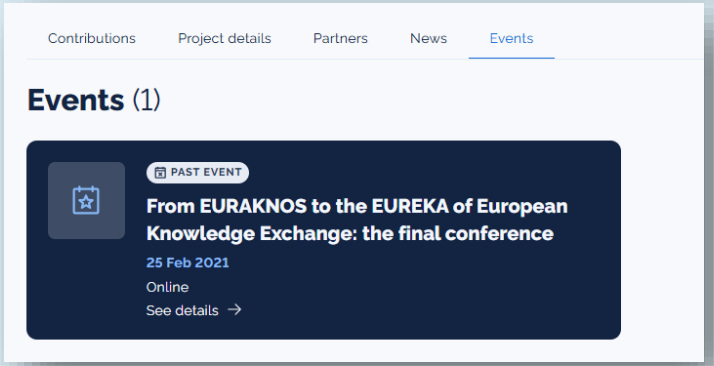
Project details
Partners
News
Partners (8)
UGent, Universiteit Gent
Universiteit Gent
University of Ghent
Project role
AGROLINK Flanders, AGROLINK Flanders
AGROLINK Flanders
AGROLINK Flanders
IFA, INNOVATION for AGRICULTURE
INNOVATION for AGRICULTURE
INNOVATION for AGRICULTURE
ICROFS, International Centre for Research in Organic Food Systems
International Centre for Research in Organic Food Systems
International Centre for Research in Organic Food Systems
ACTA, Les Instituts Techniques Agricoles
Les Instituts Techniques Agricoles
ACTA
IDELE, Institut de l'élevage
Institut de l'élevage
IDELE


Contributions
Project details
Partners
News
Events
Events (1)
PAST EVENT
From EURAKNOS to the EUREKA of European Knowledge Exchange: the final conference
25 Feb 2021
Online
See details

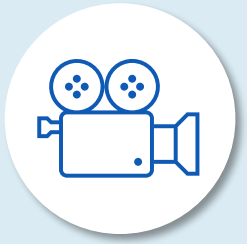
KEY FEATURES

PRACTICE MATERIALS

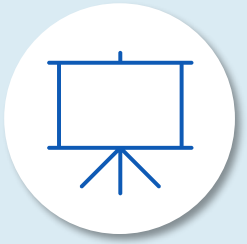
<> Practice Abstract

EU-FarmBook offers clear, practical materials in accessible formats in the domains of agriculture and forestry that directly address real-world challenges and support exploitation.

TEXT DOCUMENTS



VIDEOS



PRESENTATIONS

PODCASTS

APPLICATIONS

DATASETS

IMAGES

EU-FarmBook

EXAMPLES

EXAMPLES

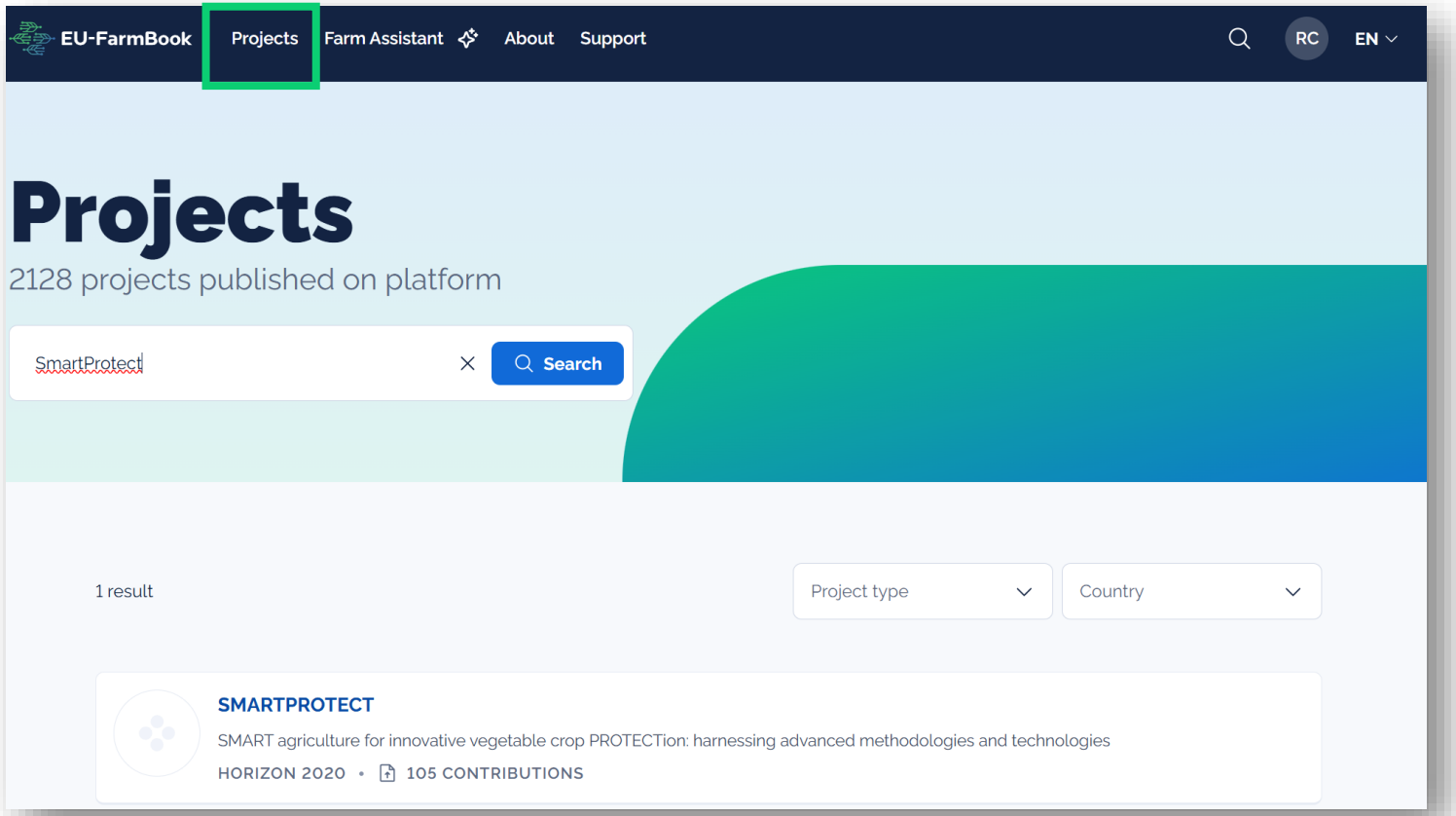
INTEGRATED PEST MANAGEMENT

Project Search

+ Option to filter per theme

...

SmartProtect

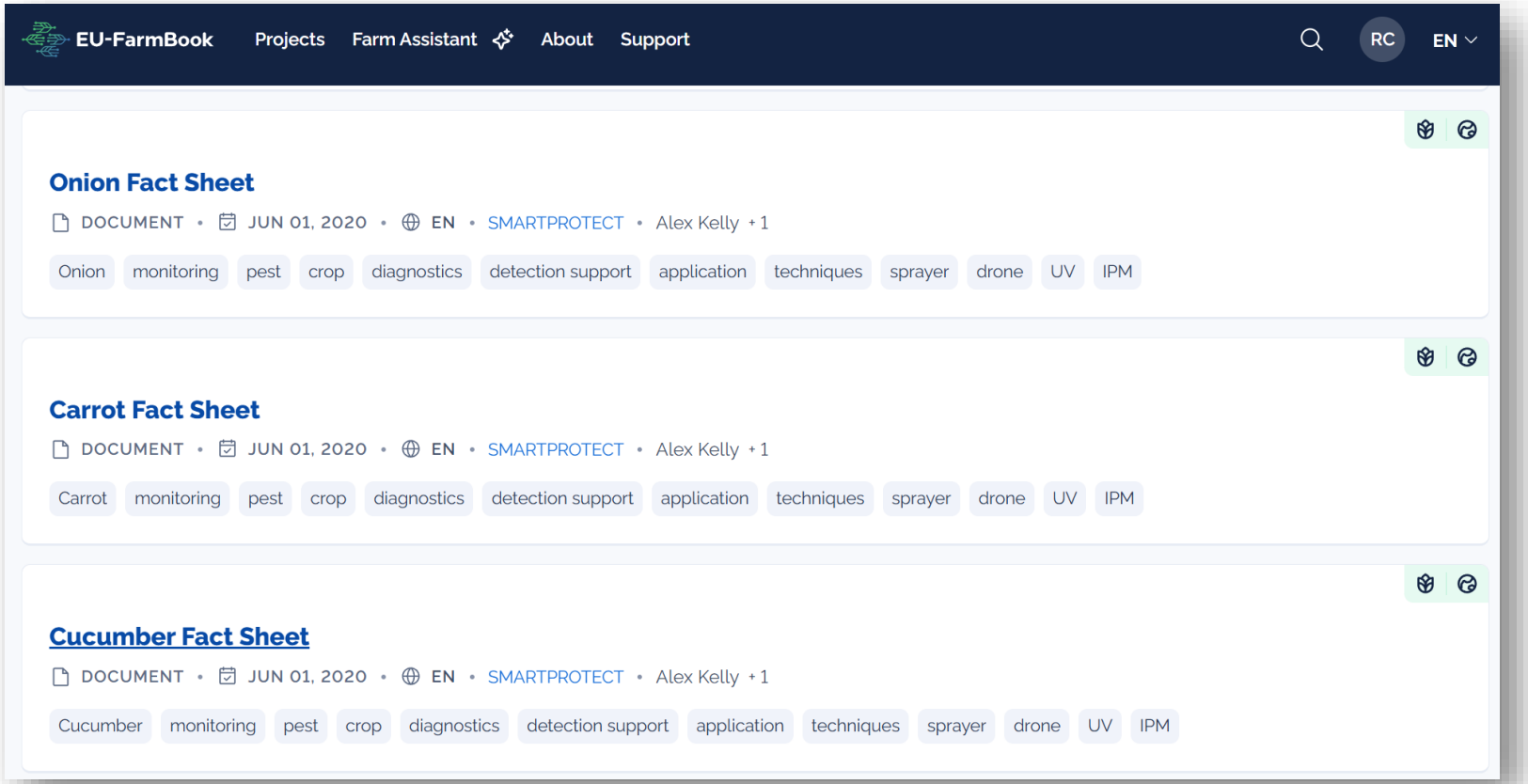


EXAMPLES

INTEGRATED PEST MANAGEMENT

SmartProtect

Fact sheets per crop

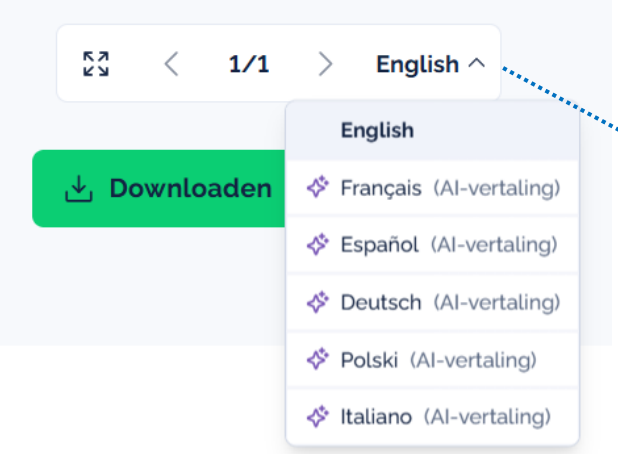


EXAMPLES

INTEGRATED PEST MANAGEMENT

SmartProtect

Cucumber fact sheet: 41 practical information



EXAMPLES

INTEGRATED PEST MANAGEMENT

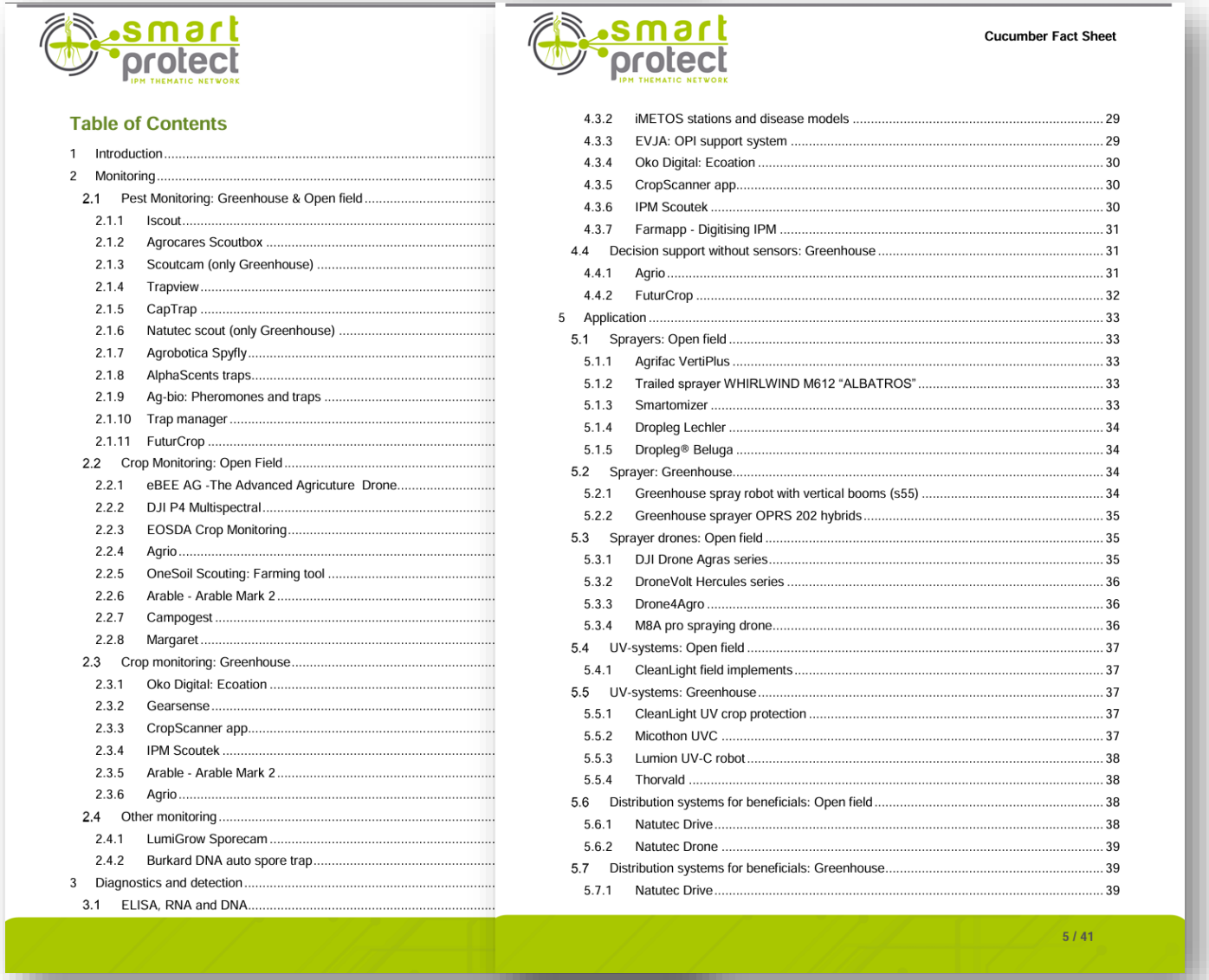
SmartProtect

Monitoring

Diagnostics & detection

Decision support

Application systems



smart protect
IPM THEMATIC NETWORK

Cucumber Fact Sheet

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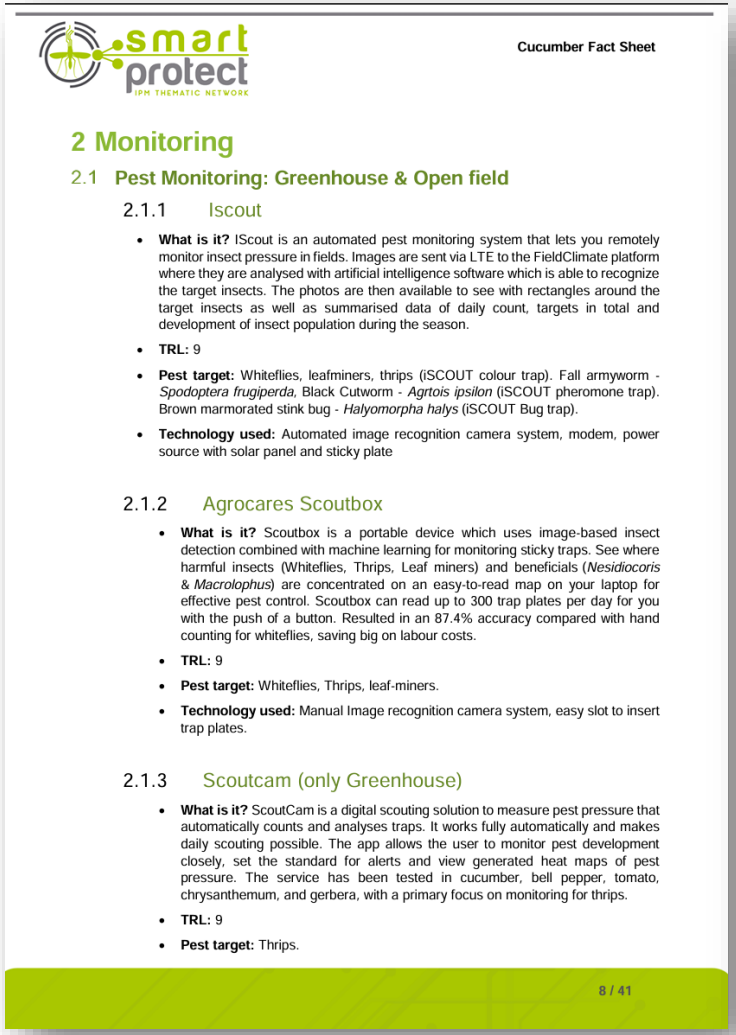
SmartProtect

Short description for each technology



smart protect
IPM THEMATIC NETWORK

Cucumber Fact Sheet

2 Monitoring

2.1 Pest Monitoring: Greenhouse & Open field

2.1.1 Iscout

- **What is it?** IScout is an automated pest monitoring system that lets you remotely monitor insect pressure in fields. Images are sent via LTE to the FieldClimate platform where they are analysed with artificial intelligence software which is able to recognize the target insects. The photos are then available to see with rectangles around the target insects as well as summarised data of daily count, targets in total and development of insect population during the season.
- **TRL:** 9
- **Pest target:** Whiteflies, leafminers, thrips (iSCOUT colour trap). Fall armyworm - *Spodoptera frugiperda*, Black Cutworm - *Agrtois ipsilon* (iSCOUT pheromone trap). Brown marmorated stink bug - *Halyomorpha halys* (iSCOUT Bug trap).
- **Technology used:** Automated image recognition camera system, modem, power source with solar panel and sticky plate

2.1.2 Agrocares Scoutbox

- **What is it?** Scoutbox is a portable device which uses image-based insect detection combined with machine learning for monitoring sticky traps. See where harmful insects (Whiteflies, Thrips, Leaf miners) and beneficials (*Nesidiocoris* & *Macrolophus*) are concentrated on an easy-to-read map on your laptop for effective pest control. Scoutbox can read up to 300 trap plates per day for you with the push of a button. Resulted in an 87.4% accuracy compared with hand counting for whiteflies, saving big on labour costs.
- **TRL:** 9
- **Pest target:** Whiteflies, Thrips, leaf-miners.
- **Technology used:** Manual Image recognition camera system, easy slot to insert trap plates.

2.1.3 Scoutcam (only Greenhouse)

- **What is it?** ScoutCam is a digital scouting solution to measure pest pressure that automatically counts and analyses traps. It works fully automatically and makes daily scouting possible. The app allows the user to monitor pest development closely, set the standard for alerts and view generated heat maps of pest pressure. The service has been tested in cucumber, bell pepper, tomato, chrysanthemum, and gerbera, with a primary focus on monitoring for thrips.
- **TRL:** 9
- **Pest target:** Thrips.

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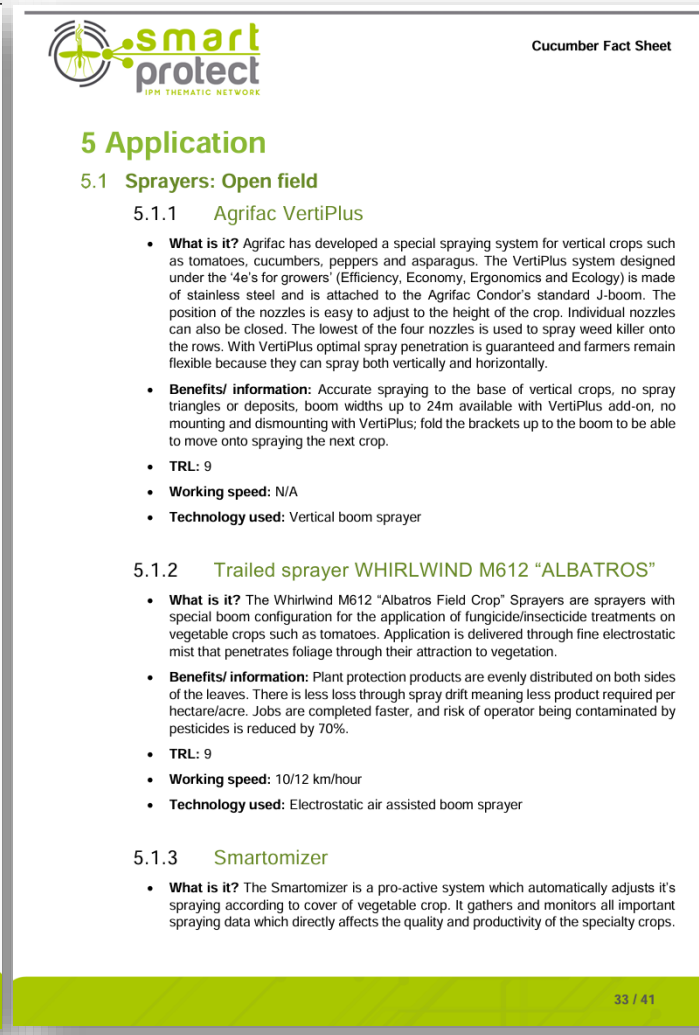

smart protect
IPM THEMATIC NETWORK

Cucumber Fact Sheet

5 Application

5.1 Sprayers: Open field

5.1.1 Agrifac VertiPlus

- **What is it?** Agrifac has developed a special spraying system for vertical crops such as tomatoes, cucumbers, peppers and asparagus. The VertiPlus system designed under the '4e's for growers' (Efficiency, Economy, Ergonomics and Ecology) is made of stainless steel and is attached to the Agrifac Condor's standard J-boom. The position of the nozzles is easy to adjust to the height of the crop. Individual nozzles can also be closed. The lowest of the four nozzles is used to spray weed killer onto the rows. With VertiPlus optimal spray penetration is guaranteed and farmers remain flexible because they can spray both vertically and horizontally.
- **Benefits/ information:** Accurate spraying to the base of vertical crops, no spray triangles or deposits, boom widths up to 24m available with VertiPlus add-on, no mounting and dismounting with VertiPlus; fold the brackets up to the boom to be able to move onto spraying the next crop.
- **TRL:** 9
- **Working speed:** N/A
- **Technology used:** Vertical boom sprayer

5.1.2 Trailed sprayer WHIRLWIND M612 "ALBATROS"

- **What is it?** The Whirlwind M612 "Albatros Field Crop" Sprayers are sprayers with special boom configuration for the application of fungicide/insecticide treatments on vegetable crops such as tomatoes. Application is delivered through fine electrostatic mist that penetrates foliage through their attraction to vegetation.
- **Benefits/ information:** Plant protection products are evenly distributed on both sides of the leaves. There is less loss through spray drift meaning less product required per hectare/acre. Jobs are completed faster, and risk of operator being contaminated by pesticides is reduced by 70%.
- **TRL:** 9
- **Working speed:** 10/12 km/hour
- **Technology used:** Electrostatic air assisted boom sprayer

5.1.3 Smartomizer

- **What is it?** The Smartomizer is a pro-active system which automatically adjusts it's spraying according to cover of vegetable crop. It gathers and monitors all important spraying data which directly affects the quality and productivity of the specialty crops.

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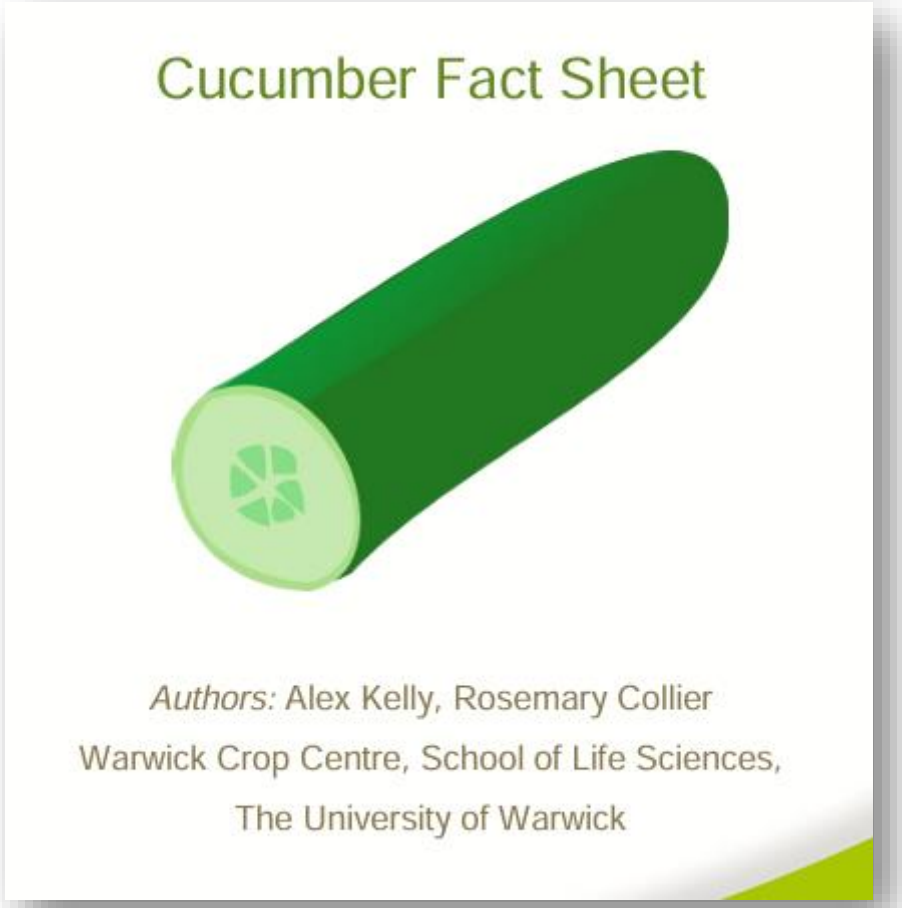
EXAMPLES

INTEGRATED PEST MANAGEMENT

SmartProtect

References are missing

Contact information is missing



EXAMPLES

INTEGRATED PEST MANAGEMENT

EcoStack

User manual “Companion” Cropping
Three strategies to control insect pests in oilseed fields

- Practice principles
- Research context
- Main results

EcoStack

USER MANUAL

Companion cropping, three strategies to control insect pests in oilseed fields

The overall objective of EcoStack is to develop and support ecologically, economically and socially sustainable crop production via enhancement of ecosystem services provision and protection of functional biodiversity.

Practice principles

Controlling insect pests in oilseed crops with less chemicals inputs is a major challenge to produce sustainable oilseeds. Increasing plant diversity in the field through the use of companion crops is one way, tested during EcoStack project, to achieve this goal. Supplemental companion crop can also support many ecosystem services other than insect pests control, such as soil protection, weed control or biodiversity promotion. Three strategies of companion cropping in oilseed fields were tested in EcoStack: undersowing of nurse plants, intercropping with a legume crop and trap cropping.

Research context

During the EcoStack research project, research teams from the United Kingdom, Germany and Finland worked on companion cropping in oilseed fields, and developed three different strategies: Using trap crops around and within the field, intercropping oilseed crop and a legume, and undersowing nurse plants or straw mulching. These strategies were used to test different crop types in different pedoclimatic contexts in order to measure the effects on insect pests control, abundance of natural enemies and agronomic performance.

Main results

- Most undersown nurse plants in oilseed fields had a positive effect on reducing cabbage stem flea beetle leaf feeding in autumn, but the strength of the effect is dependant of the nurse plant species. Furthermore, oats as a nurse plant and straw mulch treatments significantly reduced the number of larvae per oilseed plants in winter.
- Intercropping of legumes and oilseeds showed positive results in terms of pollen beetle infestation at damaging stage, only in winter oilseeds. Intercropping two crops in the field extended the flowering period, thus provided more resource for pollinators. Both crops were harvested at the same time and lead to better income for farmers, based on market price in 2022.
- The use of trap crop in commercial oilseed field in EcoStack experiments decreased cabbage stem flea beetle larvae pressure in oilseed plants, as a function of distance from the trap crop.

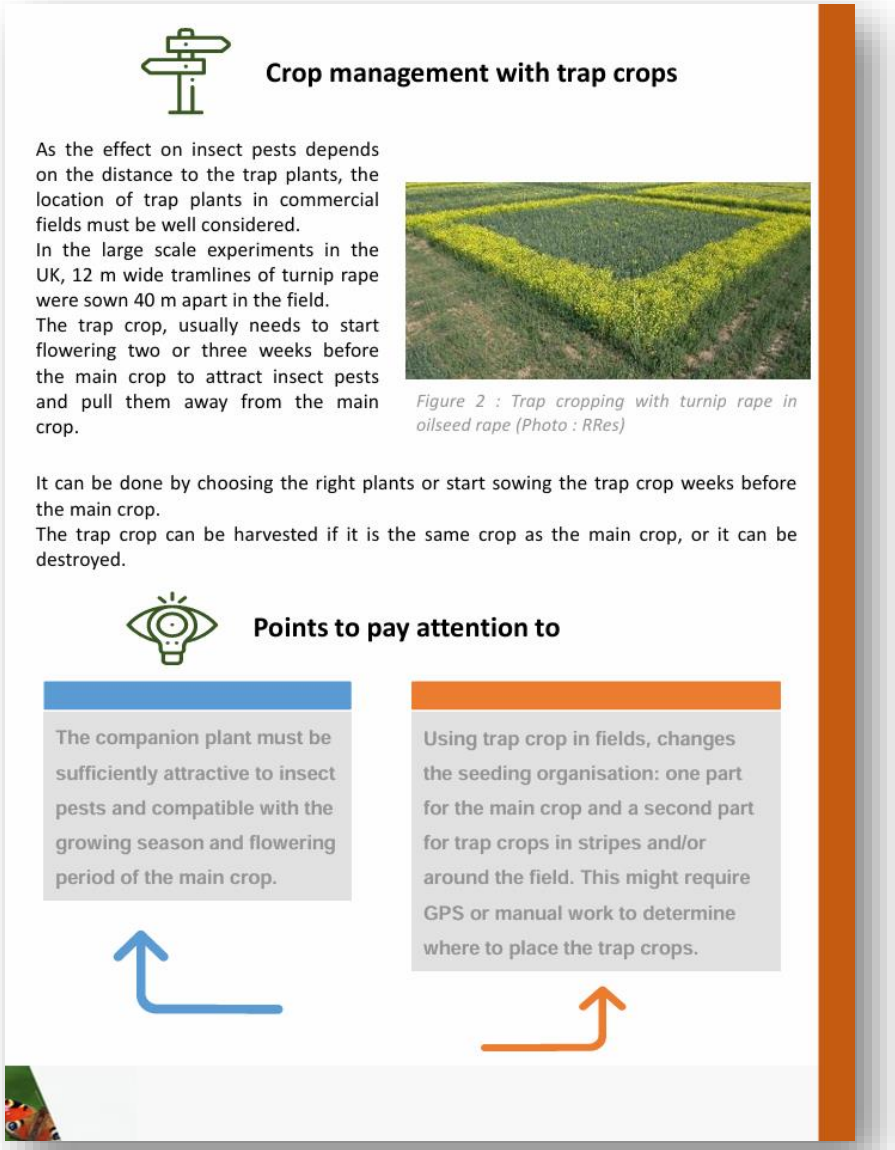
EXAMPLES

INTEGRATED PEST MANAGEMENT

EcoStack

User manual “Companion” Cropping
Three strategies to control insect pests in oilseed fields

Points to pay attention to



Crop management with trap crops

As the effect on insect pests depends on the distance to the trap plants, the location of trap plants in commercial fields must be well considered.
In the large scale experiments in the UK, 12 m wide tramlines of turnip rape were sown 40 m apart in the field.
The trap crop, usually needs to start flowering two or three weeks before the main crop to attract insect pests and pull them away from the main crop.

Figure 2 : Trap cropping with turnip rape in oilseed rape (Photo : RRes)

It can be done by choosing the right plants or start sowing the trap crop weeks before the main crop.
The trap crop can be harvested if it is the same crop as the main crop, or it can be destroyed.

Points to pay attention to

The companion plant must be sufficiently attractive to insect pests and compatible with the growing season and flowering period of the main crop.

Using trap crop in fields, changes the seeding organisation: one part for the main crop and a second part for trap crops in stripes and/or around the field. This might require GPS or manual work to determine where to place the trap crops.

EXAMPLES

INTEGRATED PEST MANAGEMENT

EcoStack

User manual “Companion” Cropping
Three strategies to control insect pests in oilseed fields

Contact

Partners

Overview of these practices

Researchers at the Julius Kuehn Institute (Germany) gathered information to systematically identify the socioeconomic impacts and potential costs and benefits of EcoStack strategies. The description of expected impacts is based on a literature and data review, as well as interviews with EcoStack researchers about their field trials and expected outcomes. Here are the main results for the companion cropping practices.

- All three oilseed – companion cropping strategies have agronomic benefits at the field level. Agronomic benefits vary in each strategy with minor or major positive effects on yield stability, pests control, soil fertility or soil erosion.
- At the farm level, the implementation of these strategies for oilseeds can have a more or less positive impact, on fertilizer and pesticide use. Mixed crops allow for lower fertilizer use and trap cropping is limits the use of insecticides, for example.
- These practices have implications at farm level from the modification of work organization, especially in seeding, with one additional operation in all strategies, as well as required field and seeding scheduling for trap cropping. Specific inputs might be needed to destroy undersown nurse plants if this is not accomplished by winter frost.
- Overall, and taking into account all benefits and constraints, the overall assessment is positive. Agronomic benefits and ecosystem services at different levels positively balanced out the effort required for work organization changes or new inputs.

Reference : EcoStack deliverable 4.4, “Description of companion cropping strategy”, 2023

Questions? Please contact us info@ecostack-h2020.eu

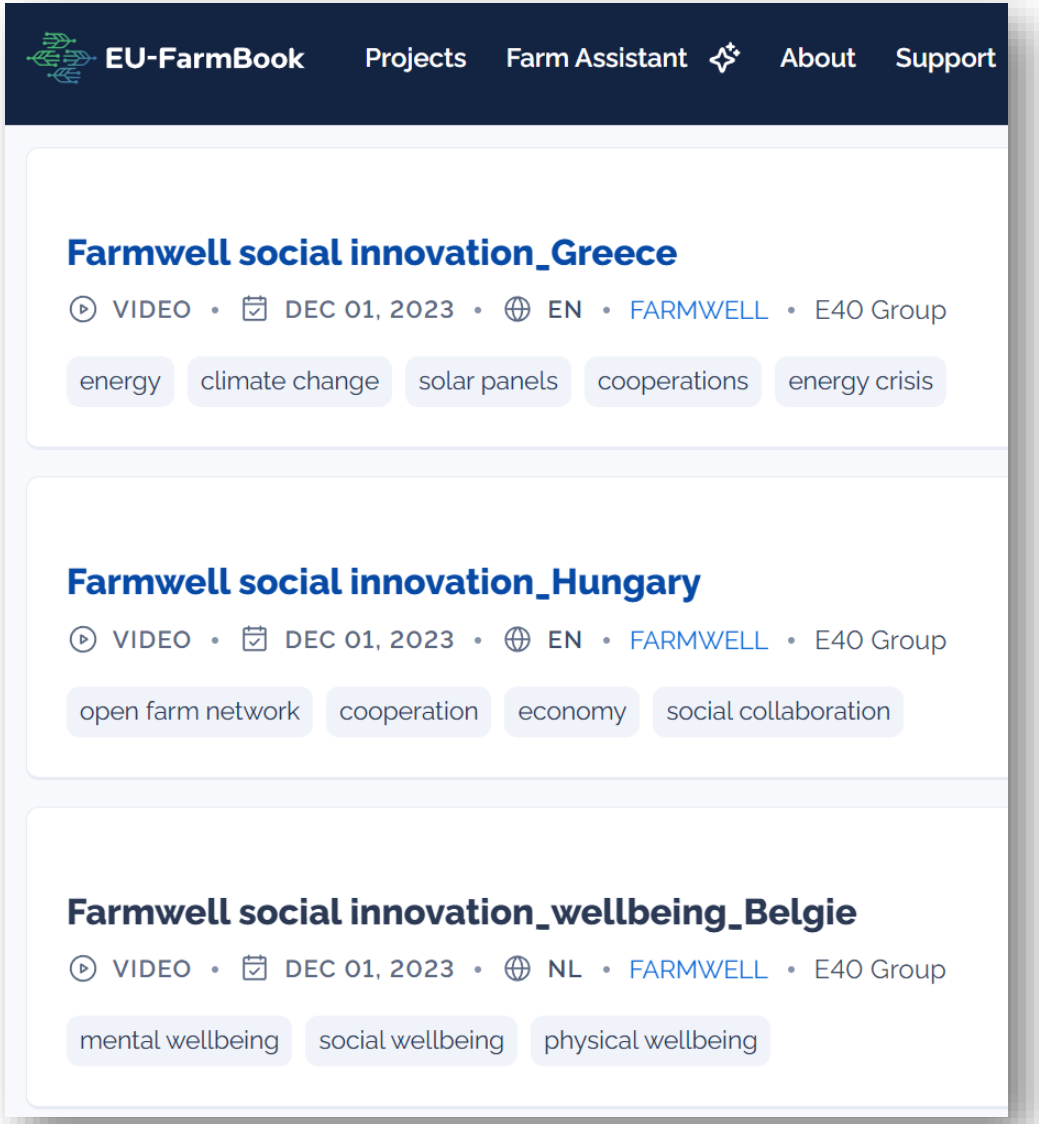
Visit our web site to be informed : www.ecostack-h2020.eu

EXAMPLES

FARMER'S WELLBEING

FARMWELL

Contributions: per country



EU-FarmBook

Do you generate practical knowledge? Contribute to EU-FarmBook!

The EU-FarmBook jargon

Project
The action where new knowledge is created.
All pieces of knowledge in EU-FarmBook must belong to a project.

Knowledge object
A stand-alone piece of information containing practice-oriented knowledge, usually in a single file.

Metadata
Structured information that describes and explains a knowledge object. It is used to locate and retrieve it.

Contribution
A knowledge object.

Contributor
The person who uploads a knowledge object.

Project coordinator
Must request the presence/visibility of a project on EU-FarmBook.
Can appoint contributors from any project partner.

I'm in a project! Can my project contribute to EU-FarmBook?

EIP-AGRI projects, mainly:

- Operational Group projects
- Rural Development Programmes projects and and projects with other EU and rural development funding.

Cluster 6 Horizon 2020, Horizon Europe

Projects from other EU funding schemes:

- LIFE, Erasmus +, etc. if they respect the topics of EU-FarmBook. Under request.

Project from national and regional funding schemes (non-EU):

- Yes, if they respect the topics of EU-FarmBook. Under request.

Real cases demonstrations

The project pages

AI-assisted manual upload

Make your own collections (2 cases): batch upload + API

Cases shown (to explore at your own pace):

- ResAlliance project page in EU-FarmBook: https://eufarmbook.eu/en/projects/1b68a1141da1e17bbe272408222a68a9f48cc9b8e00443c3dd1548fe06d20c9f/contributions
- ResAlliance project collection of factsheets built with EU-FarmBook: https://www.resalliance.eu/factsheets/
- FoRISK Intelligence Hub collection of resources built with EU-FarmBook: https://forisk.org/intelligencehub/

KEY FEATURES

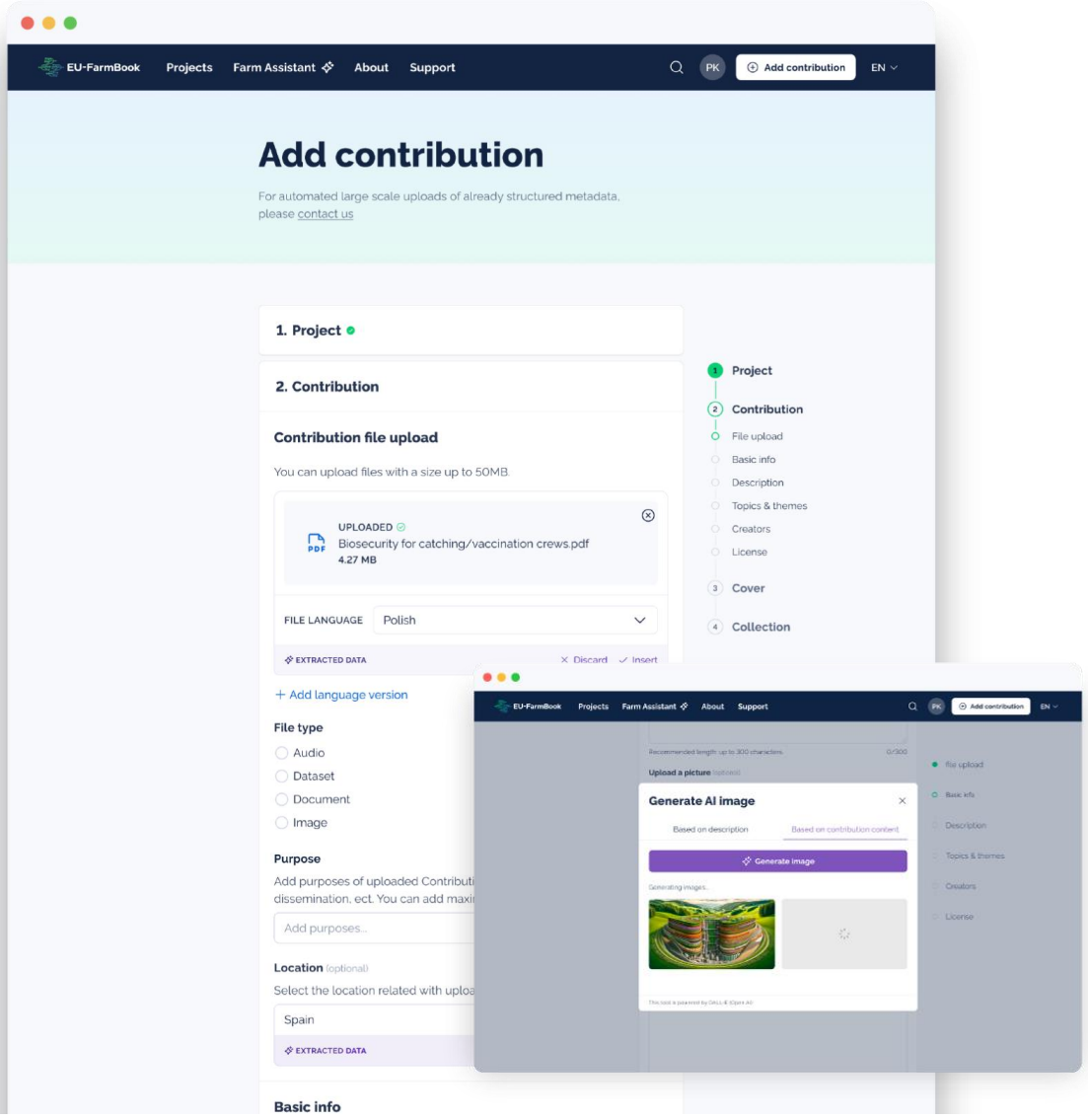
AI-ASSISTED UPLOAD

EU-FarmBook facilitates easy sharing of practice-oriented materials, ensuring an effective repository of EU-funded projects results.

Uploading knowledge is streamlined, with automatic metadata extraction ensuring efficient annotation.

AI-generated images and quality checks increase the user friendliness of practical solutions.

EU-FarmBook even ingests larger amounts of data. API connections bind EU-FarmBook to other knowledge platforms

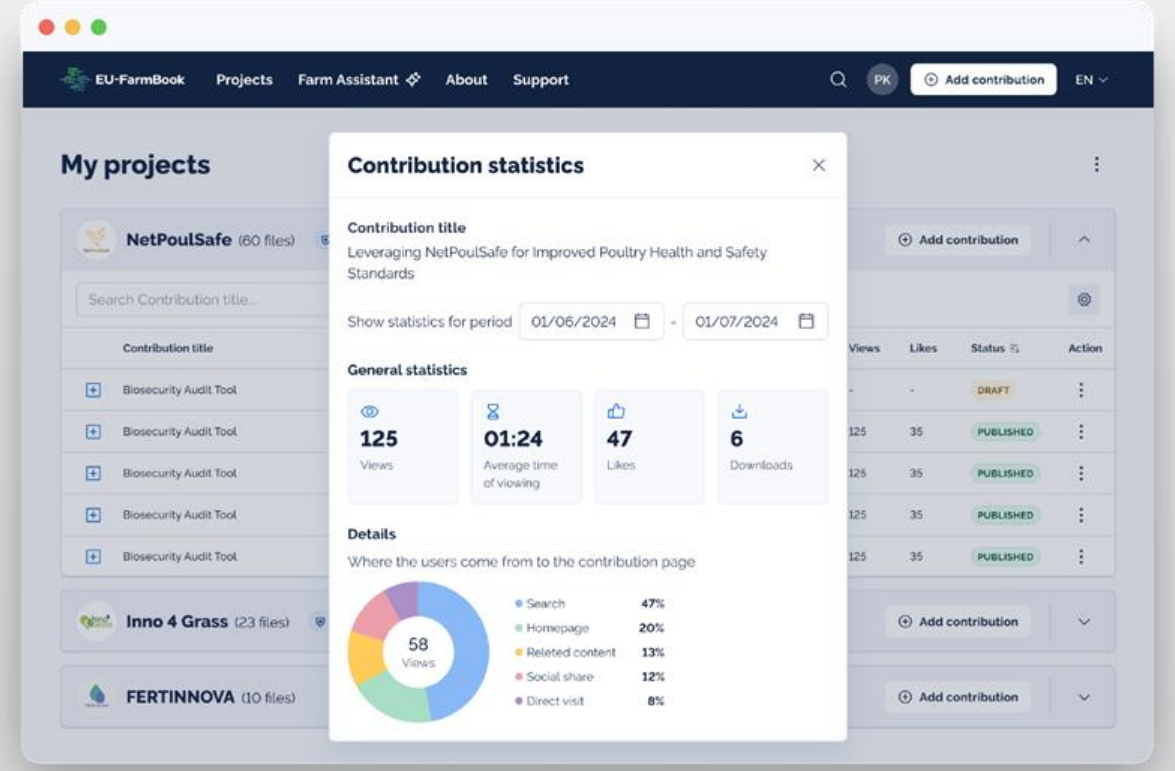


KEY FEATURES

ADVANCED ANALYTICS DASHBOARD

EU-FarmBook provides insights into project success, ensuring funding is well-invested and research impact is measurable.

Detailed insights on views, downloads, and engagement activities on the project page help to **assess impact** and **refine dissemination strategies**.



Live demonstrations

Interested?

Contact your local EU-FarmBook Ambassador
https://welcome.eufarmbook.eu/engage/

EU-FarmBook

EUFRAS

EUROPEAN FORUM FOR AGRICULTURAL AND RURAL ADVISORY SERVICES

Collaborative Online Forum For Exchange & Engagement

THANK YOU

HORIZON EUROPE PROJECT EU-FARMBOOK

About the project: **welcome.eufarmbook.eu**
Explore the platform: **eufarmbook.eu**

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