



DELIVERABLE D3.1

BBioNets online knowledge platform - initial version

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Table of Abbreviations

Abbreviation	Description
AKIS	Agricultural Knowledge and Innovation System
BBT	Bio-Based Technology
CAP	Common Agricultural Policy
D	Deliverable
EIP-AGRI	European Innovation Partnership for Agricultural productivity and Sustainability
GDPR	General Data Protection Regulation
WP	Work Package



Executive Summary

The document provides a comprehensive overview of the BBioNets online knowledge platform. It opens with an Introduction, outlining the purpose of the Platform and its role in supporting bio-based technologies. The core of the document focuses on the BBioNets platform structure and its design objectives. This includes detailed descriptions of key components, such as the Bio-Based Technology Inventory (T2.1), which catalogues available technologies, the BBTs assessment tool (T2.2), which helps evaluate these technologies, the High-level study of regional dynamics (T2.3), analysing regional factors that influence the adoption of BBTs, as well as educational resources produced by the BBioNets consortium. The design of the knowledge platform serves its underlying aim - fostering innovation and knowledge-sharing among farmers and foresters across European regions.

A technical description of the platform provides details on its system structure, the use of themes and plugins, and guidelines for customization and development. These sections provide insights into the Platform's functionality.

The document also covers the Terms of Use, Privacy Policy, and Cookies Policy, ensuring that users understand the legal and privacy-related aspects of interacting with the Platform. The conclusion summarizes key points and provides insights into the possible ways of utilization of the Platform facilitating realisation of the project's main objectives.

An Appendix is included to provide supplementary information on the Terms of Use, Privacy Policy, and Cookies Policy.



1 Introduction

The objective of this deliverable is to present the functionalities and content of the initial version of BBioNets online knowledge platform developed under Task 3.2. The platform is a free online repository, designed to provide easy access to the material collected and generated throughout the BBioNets project lifespan in an accessible and appealing way, with the aim to encourage and facilitate the uptake of BBTs among agriculture and forestry stakeholders.

This deliverable is arranged into sections corresponding to different work packages which will produce the content of the BBioNets platform, namely the BBioNets inventory (T2.1), BBTs assessment tool (T2.2) and all relevant outcomes of WP2, as well as educational material (T3.1), followed by general information about the functionalities of the platform, the terms and conditions access, and privacy policy.

The platform has been launched in October 2024 (M12) with all its intended functionalities and content already produced. Its operation will be constantly monitored while its content will be enriched during the project lifespan.



2 BBioNets online knowledge platform structure

2.1 BBioNets platform design objectives

The BBioNets Platform was designed to provide access to the material collected during the project implementation, through a user-friendly, intuitive interface. The Platform will function as a free online repository and gradually integrate all relevant outcomes generated within Work Packages 2 and 3, which include: the BBioNets inventory (T2.1), BBTs assessment tool (T2.2), high-level analysis of the dynamics of Represented Regions (T2.3) as well as educational material created within T3.1.

To meet the above objectives, the structure of BBioNets platform has been carefully designed to align with the specific Tasks generating content of the online repository, as presented in Figure 1.



Figure 1. BBioNets online knowledge platform structure

2.1.1 Section 1: BBioNets Technology Inventory (T2.1)

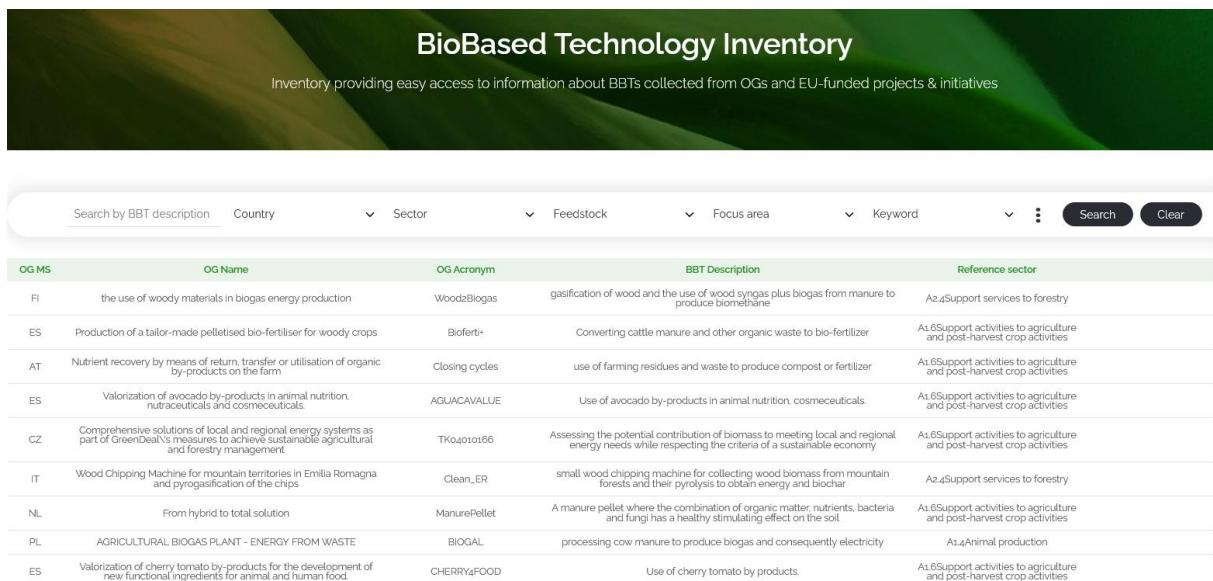
The first section of the BBioNets knowledge platform presents the results of the partners' effort to identify and analyse Bio-Based Technologies developed and implemented by EIP-AGRI Operational Groups. The collected information (i.e. the **"inventory of BBTs"**) is presented in a clear and concise manner, specifically tailored to the needs of farmers and foresters. It will allow its Users to browse through or filter the information based on specific categories.

The BBioNets inventory is a result of Task 2.1 BBioNets inventory and knowledge collection (Task Leader: CEA). Within this Task, an inventory of Bio-Based Technologies (BBTs) developed by Operational Groups will be created following a methodology developed by the Task Leader. The BBioNets knowledge platform will present the collected information on BBTs in a clear and concise

manner, specifically tailored to the needs of farmers and foresters. It will allow its Users to browse through or filter the information based on specific categories.

The information can be filtered by: a) country of the Operational Group ('country'), b) relevant sector of BBT application ('sector'), c) feedstock the specific BBT is dedicated for ('feedstock'), and d) area of the BBT's impact ('focus area'). Additionally, the filtering engine allows searching by specific keywords.

Figure 2. presents the list of BBTs according to main categories, along with the filtering options. As the inventory expands, more advanced filtering options may become necessary to enhance the search functionality. Additional filtering categories will be introduced based on feedback received from the platform's users and consultations with the partner overall responsible for the development of the BBTs inventory.



The screenshot shows the 'BioBased Technology Inventory' platform. At the top, there is a search bar with fields for 'Search by BBT description', 'Country', 'Sector', 'Feedstock', 'Focus area', 'Keyword', and buttons for 'Search' and 'Clear'. Below the search bar is a table with the following columns: OG MS, OG Name, OG Acronym, BBT Description, and Reference sector. The table contains 10 rows of data, each representing a different BBT entry. The 'OG Name' column includes descriptions like 'the use of woody materials in biogas energy production', 'Production of a tailor-made pelletised bio-fertiliser for woody crops', and 'Valorization of cherry tomato by-products for the development of new functional ingredients for animal and human food'. The 'Reference sector' column includes categories like 'Support services to forestry', 'Support activities to agriculture and post-harvest crop activities', and 'Animal production'.

OG MS	OG Name	OG Acronym	BBT Description	Reference sector
FI	the use of woody materials in biogas energy production	Wood2Biogas	gasification of wood and the use of wood syngas plus biogas from manure to produce biomethane	A2.4Support services to forestry
ES	Production of a tailor-made pelletised bio-fertiliser for woody crops	Bioferti+	Converting cattle manure and other organic waste to bio-fertilizer	A1.6Support activities to agriculture and post-harvest crop activities
AT	Nutrient recovery by means of return, transfer or utilisation of organic by-products on the farm	Closing cycles	use of farming residues and waste to produce compost or fertilizer	A1.6Support activities to agriculture and post-harvest crop activities
ES	Valorization of avocado by-products in animal nutrition, nutraceuticals and cosmeceuticals.	AQUACAVALE	Use of avocado by-products in animal nutrition, cosmeceuticals.	A1.6Support activities to agriculture and post-harvest crop activities
CZ	Comprehensive solutions of local and regional energy systems as part of GreenDeal's measures to achieve sustainable agricultural and forestry management	TK04010166	Assessing the potential contribution of biomass to meeting local and regional energy needs while respecting the criteria of a sustainable economy	A1.6Support activities to agriculture and post-harvest crop activities
IT	Wood Chipping Machine for mountain territories in Emilia Romagna and pyrolysis of the chips	Clean_ER	small wood chipping machine for collecting wood biomass from mountain forests and their pyrolysis to obtain energy and biochar	A2.4Support services to forestry
NL	From hybrid to total solution	ManurePellet	A manure pellet where the combination of organic matter, nutrients, bacteria and fungi has a healthy stimulating effect on the soil	A1.6Support activities to agriculture and post-harvest crop activities
PL	AGRICULTURAL BIOGAS PLANT - ENERGY FROM WASTE	BIOGAL	processing cow manure to produce biogas and consequently electricity	A1.4Animal production
ES	Valorization of cherry tomato by-products for the development of new functional ingredients for animal and human food	CHERRYFOOD	Use of cherry tomato by products.	A1.6Support activities to agriculture and post-harvest crop activities

Figure 2. Inventory of BBTs as presented on the BBioNets knowledge platform

More detailed information about each BBT is accessible by clicking on a specific row in the table (see Figure 2). Each BBT is presented separately on a dedicated page providing comprehensive information relevant to potential BBT users. The page includes information about the Operational Group responsible for the BBT development, as well as detailed description of the technology, as shown in Figure 3.



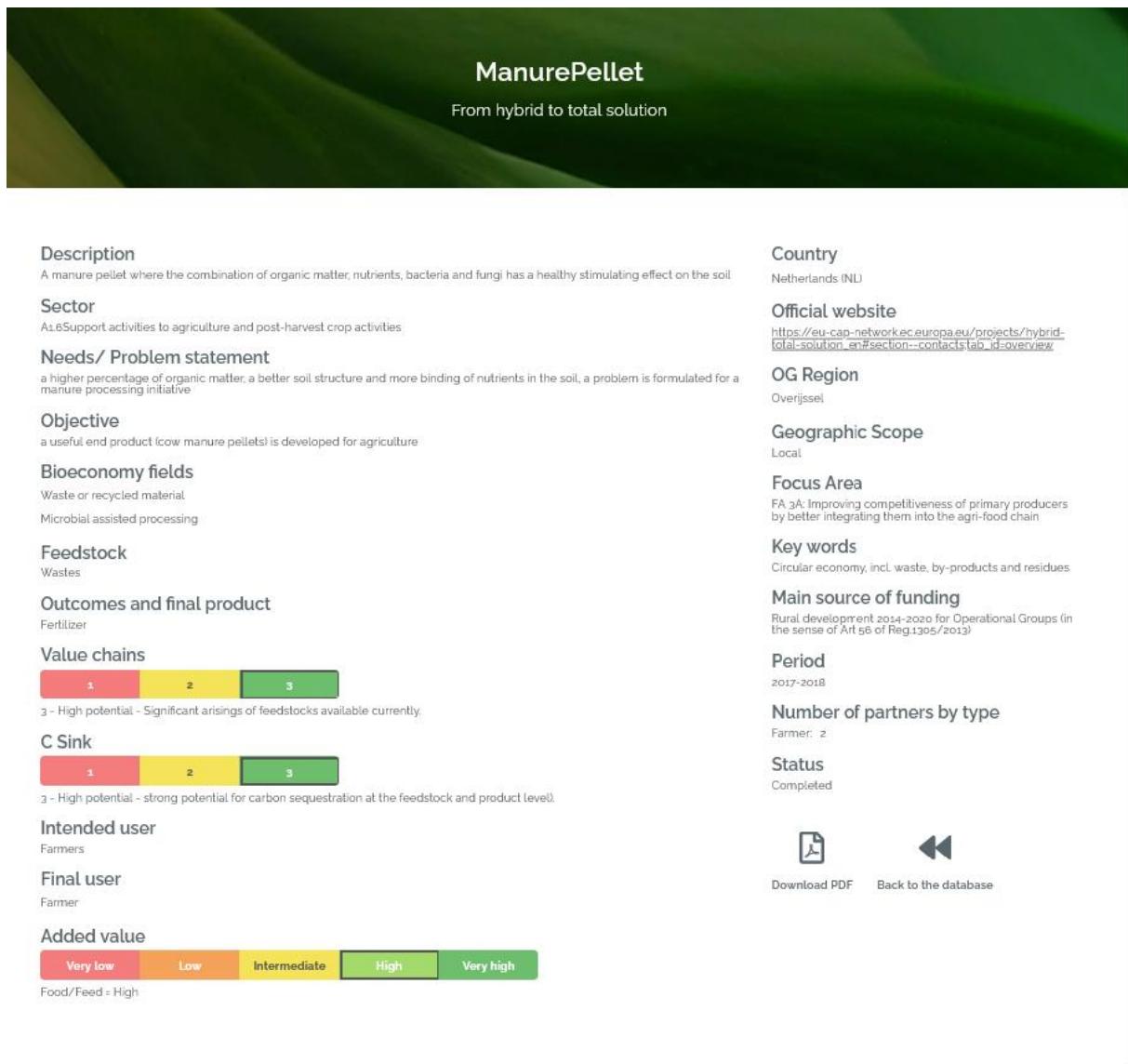


Figure 3. Example of BBT factsheet based on Manure Pellet: fertilizer produced from manure; detailed information on this BBT is divided into two columns: regarding the technology (left column) and the Operational Group (right column)

2.1.2 Section 2: BBTs assessment tool (T2.2)

The online tool for cost-effectiveness analysis of BBTs is being developed in Task 2.2 BBTs assessment tool (Task Leader: MTU). The tool will offer quantitative (investment costs, operation costs, processing capacity etc.) and qualitative (added value, process complexity, etc.) evaluation of BBTs. Its objective is to facilitate the process of matching the available technologies to the needs and resources of agricultural and forestry stakeholders. The analysis will be first conducted for the project targeted regions. Later, the tool will be made available to all stakeholders for individual use, offering analyses tailored to their specific needs based on their own input variables.

Remark: The “BBTs assessment tool” section is currently under development and is expected to be incorporated into the BBioNets platform at a later stage, after validation performed by the BBioNets consortium and Advisory Board members. The final version of the tool, with a user manual, will be available by M36.

2.1.3 Section 3: Regional dynamics (T2.3)

Regional dynamics section will showcase the results of Task 2.3 High-level study of regional dynamics (Task Leader: CTA). The study explores economic, environmental and technical parameters of the Represented Regions as depicted on the maps in Figure 4. By clicking on the “show more” button, users will be able to access more detailed information about the selected region, including general description of available resources, economy with special focus on agriculture and forestry sectors, state of the art of biomass valorisation, as well as analysis of Operational Groups in the region.



Figure 4. Regional dynamics section presenting information on Represented Regions

2.1.4 Section 4: Knowledge transfer

BBioNets will produce **educational and training material** (T3.1) tailored to the needs of Represented Regions (RRs). The resources will include practice abstracts, infographics, factsheets, video-testimonials of primary producers that applied specific BBTs, short BBT-descriptive videos, etc. designed to be both useful and engaging. Special attention will be given to ensuring that the language is accessible for farmers and foresters. All videos will feature automatic translation to facilitate dissemination beyond linguistic barriers, and all written materials will be translated into the consortium’s national languages, whenever relevant for each country, to enhance their usability among stakeholders. The content will include information on BBTs identified by both Operational Groups (OGs) and other related projects or initiatives, region-specific information regarding the identified needs and potential, recommendations on BBT practices, as well as other relevant topics identified by the BBioNets consortium in the course of the project activities. All material presented in this section will be shared with each RR’s national AKIS and incorporated in the EU-FarmBook. The first educational material will be available through the platform by M16.

3 BBioNets Platform technical description

3.1.1 Overview

BBioNets is a highly customized, WordPress-based web application designed to deliver a seamless, efficient, and scalable solution for the specific needs of BBioNets. The platform integrates a variety of plugins, themes, and custom-built features to ensure optimal performance and flexibility. The system operates on WordPress 6.6.2, powered by PHP 8.3, which is a widely used server-side scripting language tailored for web development and easily integrates with HTML. This design allows for a smooth interaction between the Front-End and Back-End without the need for distinct, separate architectures.

BBioNets leverages MySQL, a popular relational database system, implemented using the MariaDB engine. The server environment is Linux-based and utilizes the Apache HTTP Server, providing a robust and secure foundation for web hosting. The platform is deployed under the link: <https://bbionets-platform.eu/>.

3.1.2 System Directory Structure

BBioNets' directory structure is organized into three key components:

- **wp-admin:** This directory contains the core files responsible for the administrative interface of WordPress. It is here that administrative users can manage content, plugins, and overall site settings. The security of this directory is crucial, as it handles sensitive operations such as user authentication and site configuration.
- **wp-content:** This folder houses all the dynamic content, including plugins, themes, media files, and other resources that contribute to the website's appearance and functionality. Custom themes, like Hello Elementor, and various plugins used for additional features are stored here.
- **wp-includes:** This directory holds the essential WordPress core files, including libraries and functions necessary for connecting with the database, executing commands, and saving changes. It plays a vital role in ensuring the smooth communication between the application and the database.

3.1.3 Themes and Plugins

The core visual presentation of the BBioNets platform is based on the Hello Elementor theme, developed by the Elementor Team. This theme is known for its lightweight design and high compatibility with Elementor, a leading page builder for WordPress. The flexibility of the Hello Elementor theme allows for the rapid development of visually appealing, responsive pages.

Several plugins are integrated into the system to enhance its functionality and user experience:

1. **Elementor & Elementor Pro:** These plugins provide an intuitive drag-and-drop interface for creating and managing web pages. They offer robust features such as form builders, dynamic content management, and interactive design elements.
2. **Essential Addons for Elementor:** This plugin extends Elementor's capabilities with over 100 additional widgets and extensions, including elements designed for WooCommerce, enabling the creation of advanced, custom e-commerce experiences.



3. **Advanced Custom Fields (ACF):** ACF allows for greater customization of WordPress by adding user-defined fields to posts, users, and other content types. This feature provides a more flexible data input mechanism for administrators and enhances the overall versatility of the platform.
4. **All-in-One WP Migration:** This tool simplifies the process of migrating the website, allowing for easy import and export of all site data, including content, themes, plugins, and databases, with just a single click.
5. **WP Super Cache:** This plugin accelerates page load times by creating static HTML files from dynamic WordPress content, significantly improving website performance and reducing server load.
6. **WP-Optimize:** A comprehensive optimization tool that cleans the database, compresses images, and caches web pages to enhance the overall speed and efficiency of the platform. It ensures that BBioNets remains fast and efficient, which is critical for improving user engagement and search engine rankings.

3.1.4 Customization and Development

Despite the extensive use of plugins, certain functionalities of the BBioNets system require custom code development to meet specific project requirements. For these cases, custom scripts are developed using a combination of HTML, CSS, PHP, and JavaScript. These technologies allow the platform to extend beyond standard plugin capabilities, enabling the creation of unique features that are tailored to the platform's objectives.

Additionally, all code is structured and documented to ensure portability, allowing the website to be seamlessly migrated to alternative servers if necessary. This forward-thinking approach ensures that the platform is scalable, adaptable, and can accommodate future needs or changes in infrastructure.



4 The BBioNets Platform Terms of Use, Privacy Policy, and Cookies Policy

The BBioNets online Knowledge Platform available at the address: <https://bbionets-platform.eu/> is designed as a free online repository that provides stakeholders access to BBioNets inventory (T2.1), BBTs assessment tool (T2.2), Regional dynamics (WP2) and educational material created in the course of the project activities (T3.1). These materials, created by the BBioNets consortium or collected from third parties, are subject to copyright. Users must agree to the terms, privacy, and cookie policies.

BBioNets consortium is committed to transparency, security, and respecting users' privacy while providing a free online resource for agricultural and forestry stakeholders. We protect user privacy according to EU's General Data Protection Regulation (GDPR). The platform collects minimal data, including names and email addresses when users contact BBioNets via email, and anonymous statistical data through cookies. Personal data will not be collected for the purpose of accessing the platform and materials available. Personal data is retained only as long as necessary and is not shared with third parties except for legal compliance.

The platform uses cookies solely for statistical purposes, gathering data about page views and referrals without tracking personal information. Users are informed of the cookies' use and can manage preferences through their browser settings.

The BBioNets platform will offer access to the project website and the website itself will also act as the entry point to the BBioNets Online Knowledge Platform. The platform will also include links to third-party sites, such as those of BBioNets partners, BBioNets social media channels, other relevant resources containing materials related to the scope of the BBioNets project activities, especially regarding the activities of relevant Operational Groups, or other websites and online repositories. However, BBioNets is not responsible for the content or privacy practices of these third-party sites and disclaims any liability for damages caused by their use.

Detailed information regarding the BBioNets Online Knowledge Platform - Terms of Use, Privacy Policy & Cookies Policy is available in Appendix I.



5 Dissemination and exploitation of BBioNets results

To ensure that all BBioNets practical outputs presented on the online knowledge platform are shared and exploited by relevant stakeholders across the EU, the educational material produced will be made available through several platforms, such as EIP-AGRI¹, disseminated through AKIS channels in each RR, as well as feed it into the EU-FarmBook Platform, an EU-wide interactive knowledge reservoir designed to support European farmers, foresters, and rural communities with easy to access practical knowledge.

5.1 Collaboration with EIP-AGRI and AKIS within the EU CAP Network

The European Innovation Partnership for Agricultural Productivity and Sustainability (EIP-AGRI) was established in 2012 to promote competitive and sustainable farming and forestry practices that maximize output while minimizing resource use. EIP-AGRI supports the EU's "Europe 2020" strategy for smart, sustainable, and inclusive growth by enhancing research and innovation in agriculture. Its mission is to support innovation projects and ensure cohesive results, ensuring smart, sustainable and inclusive growth of rural areas.

EIP-AGRI facilitates collaboration between farmers, researchers, businesses, and NGOs through an EU-wide network that fosters interactive innovation. This network includes Operational Groups, multi-actor projects, and thematic networks that focus on solving specific agricultural challenges and sharing knowledge. The partnership also supports knowledge exchange through the EIP-AGRI website, a platform offering access to funding opportunities, research results, and innovation tools. EIP-AGRI plays a vital role in accelerating agricultural innovation across the EU.

The EIP-AGRI Network has been integrated into the EU CAP Network, which plays a central role in supporting the implementation of the EU's Common Agricultural Policy (CAP) by fostering collaboration and knowledge exchange among stakeholders in agriculture, forestry, and rural development. It welcomes anyone with an interest in and commitment to sustainable practices in these areas, including National CAP Networks, farmers, foresters, rural enterprises, CAP managing authorities and paying agencies, Local Action Groups (LAGs), European organizations, agricultural and forest advisory services, and innovation support services.

The network facilitates peer-to-peer networking and the sharing of information, such as good practices and funding opportunities, improving skills and encouraging knowledge exchange. It supports the uptake of agricultural innovations and strengthens Agricultural Knowledge and Innovation Systems (AKIS).

BBioNets seeks to promote and further advance the work carried out by EIP-AGRI Operational Groups regarding the utilisation of agricultural and forestry biomass through close collaboration with AKIS. To this aim, all the educational and training material produced by the BBioNets consortium and presented on the BBioNets online knowledge platform will be shared with regional and national AKIS channels to facilitate and accelerate transfer of knowledge to relevant stakeholders in project partner countries and across Europe. To ensure the practical knowledge is shared and exploited by all relevant AKIS stakeholders, BBioNets platform will present this material tailored to specific needs and potential identified in the RRs and expressed by farmers and foresters themselves.

¹ <https://ec.europa.eu/eip/agriculture/en/node.html>; now integrated into the EU CAP Network: https://eu-cap-network.ec.europa.eu/index_en

5.2 The EU-FarmBook Online Platform

The EU-FarmBook² initiative is funded through the EU's Horizon 2020 and Horizon Europe programs, with a focus on improving knowledge exchange and supporting evidence-based decision-making among farmers, foresters, and advisors across Europe. It aims to collect all practical and tangible results of EU-funded initiatives in one repository and share them through an Online Platform, ensuring easy access and exploitation of results among relevant stakeholders.

BBioNets, to support the EU-FarmBook's mission, will make sure that the outputs of the project shared with the EU-FarmBook are adapted to the required formats, presented in an approachable and easy-to-understand form and language, translated to project partners' languages whenever relevant for the scope of produced materials. BBioNets will ensure providing informative and user-friendly content for both the BBioNets online knowledge platform and EU-FarmBook Platform, in order to maximize their impact.

The key features of the EU FarmBook are providing a knowledge repository, user-friendly access, fostering collaboration and networking, integration of EU-funded research outputs, multilingual content, practical application, and continuous updates of the content presented on the Platform as new projects are completed. Thanks to these, the EU FarmBook Online Platform will stay alive and up to date with the latest developments in agriculture, forestry, and rural development, thus ensuring also long-term impact of the BBioNets project outputs.

² <https://eufarmbook.eu/en>



6 Conclusions

BBioNets online knowledge platform is an open access dynamic solution to address specific operational needs of the BBioNets community. Its underlying architecture, security features, and extensible design provide a reliable platform for managing content and delivering a high-quality user experience. The ongoing integration of new technologies and the adaptability of the platform ensure that it will continue to meet the evolving requirements of BBioNets community.

A key feature of the platform is its ability to provide long-term access to BBioNets' outputs. It will host essential tools like the BBioNets inventory (T2.1) and the BBTs assessment tool (T2.2), as well as all outcomes from WP2 and educational materials produced under T3.1. This repository will be accessible via the project's website and will be maintained for five years after the completion of the project. Additionally, the platform will integrate with the EU-wide interactive knowledge reservoir, EU-FarmBook, ensuring broader access of project results. By centralizing resources and ensuring easy access to actionable knowledge, the BBioNets online knowledge platform (T3.2) will serve as a key tool for fostering innovation and knowledge-sharing across Europe.

BBioNets aims to maximize the impact of its practical results presented on the platform by targeting Agricultural Knowledge and Innovation System (AKIS) stakeholders. The knowledge produced will be widely disseminated through AKIS channels, ensuring that farmers, foresters, and other primary producers benefit from BBioNets' resources. This will be achieved by organizing capacity-building activities for regional intermediaries, which will encourage the optimal use of BBioNets platform tools and facilitate exploitation of results. Cross-regional collaboration will be promoted using the platform, enabling the exchange of knowledge and concepts across various European Transnational Regions.



Appendix I



BBioNets Online Knowledge Platform- Terms of Use, Privacy Policy & Cookies Policy

Effective date: 31/03/2024 - Version 1

1 Terms of Use

The following statement ("Statement") refers to the Terms of Use, Privacy Policy and Cookies Policy applying to the BBioNets Online Knowledge Platform.

BBioNets (also "project", "we," "our," or "us") has received funding from the European Union's Horizon Europe programme under Grant Agreement No 101133904.

The website is managed by [the Institute of Soil Science and Plant Cultivation – State Research Institute \("IUNG-PIB"\)](#), the partner of the BBioNets consortium.

The content of this platform is produced by the BBioNets consortium and will comprise: the BBioNets inventory (T2.1), BBTs assessment tool (T2.2), and all other relevant outcomes of WP2, as well as the educational and training material created in Task 3.1. The platform will be accessible through the project website and will act as a free online repository, providing easy access to knowledge collected & produced by the project for all interested stakeholders.

All material on the platform, including images, data, information, logos and videos, is owned by either specific partners of the BBioNets consortium or the whole consortium as agreed among the parties and is subject to copyright. The platform will also present material collected from third parties, that is Operational Group projects and projects/initiatives funded by other national and European programmes, selected as relevant to the scope of the BBioNets project and included in the BBioNets inventory (T2.1). All these materials will be shared with respect for the property rights of their owners. It should be also noted that all the material presented on the platform reflects only the authors' view and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.

By visiting and using this platform you acknowledge that you have read and understood, and therefore agreed to be bound by this Statement and its laws and regulations. In case you fail to agree with this Statement or the compliance obligations, you are asked not to use the BBioNets online knowledge platform.

This Statement may be amended and/or updated by BBioNets at any time and therefore we recommend that you periodically check whether it has been revised.

This Statement, any amendment thereof and the use of the website are subject to Polish law. Any claim arising out of the use of the website shall be brought only before the Polish courts.

2 Privacy Policy

BBioNets is committed to being transparent and ensuring the protection of your privacy. This Privacy Policy provides detailed information about the processing of your personal data when using the online knowledge platform and its content, including how you can exercise your rights regarding them.

Contact Us
info@bbionets.eu

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 [@bbionets-eu](https://www.linkedin.com/company/bbionets-eu)

 [@bbionets_eu](https://twitter.com/bbionets_eu)

 [@bbionets_eu](https://www.instagram.com/bbionets_eu)

 [@BBioNetsEU](https://www.youtube.com/@BBioNetsEU)

1



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Personal data are processed in accordance with all relevant laws and regulations, such as the REGULATION (EU) 2016/679 relating to the protection of the physical persons regarding personal data processing and the free circulation of these data ("GDPR").

2.1 Types of Data Collected

BBioNets solely collects data that are necessary for the smooth implementation of the platform. This data includes:

- Your name and email address when you contact BBioNets using the e-mail address info@bbionets.eu.
- Certain statistical data which may be automatically collected through the cookies placed on the platform. For more information, please see the relevant Cookies Policy below.

BBioNets will not use this platform to collect personal data concerning information about political views, race, religious beliefs, health, criminal-law data, or other matters.

The online knowledge platform is designed to be a free online repository, therefore, no registration or personal data will be required to access it and browse its contents.

2.2 Use of Data Collected

BBioNets may retain information provided by you when sending an email to info@bbionets.eu, in order to process the inquiries, respond to requests and improve the website or give you some assistance regarding the BBioNets services. Information that you provide will be solely used in order to contact you, for example, for information or updates regarding our services, or to offer newsletters and other content or (support) services in connection with the services of the project. You can, at any time, ask us to cease communications with you via email or, in the case of newsletters, by following the unsubscribe instructions available at the bottom of each email.

Certain statistical data will also be automatically collected through the cookies placed on the platform for the purpose of monitoring and analysing the use of our platform and improving the user experience.

BBioNets will keep your personal information for only as long as we need to fulfil the purposes for which they were collected. When we no longer need to use your information and there is no need for us to keep it to comply with our legal or regulatory obligations, we will remove it from our systems.

2.3 Data Security Measures

We implement robust security measures, including data protection policies, contracts with data processors, and technical safeguards, to protect your data.

BBioNets takes the security of your personal data very seriously. We use a variety of security measures to protect your data from unauthorised access, use, disclosure, alteration, or destruction. These measures include:

- **Physical security:** We store our servers in a secure physical environment with limited access.
- **Access controls:** We use access controls to limit who can access your personal data. Only authorised personnel have access to your data, and they are required to follow strict security procedures.

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2



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- **Encryption:** We encrypt your personal data when it is transmitted over the internet. This helps to protect your data from being intercepted by unauthorised third parties.

2.4 Data Sharing

The project takes the privacy of your personal data very seriously and ensures that it is only shared with third parties who are bound by strict confidentiality and data protection obligations. The project shares personal data with third parties only when it is necessary to comply with legal obligations.

The following are the categories of third parties with whom BBioNets may share personal data:

- **Law enforcement and regulatory agencies:** These are organisations that are authorised to investigate or prosecute crimes or enforce laws and regulations.
- **The European Commission:** The European Commission is the executive arm of the European Union and is responsible for implementing EU legislation.

2.5 Data Subjects Rights

BBioNets would like to make sure you are fully aware of all your data protection rights. In particular, you are entitled to the following:

- The right to access your personal data in our possession.
- The right to amend or delete your personal data.
- The right to restrict our processing of your personal data.
- The right to revoke your consent to the processing of your personal data.
- The right to send your personal data to another service provider (data portability).

If you have any questions, comments or complaints regarding the use of your personal data or you would like to exercise your rights, you can send us an email to info@bbionets.eu and we are entitled to one month to respond to you.

2.6 BBioNets Services Provided through the Website

The BBioNets platform will offer access to the project website and the website itself will also act as the entry point to the BBioNets Online Knowledge Platform. This service will be operated by FOCUS STC, the Greek consortium partner, and will have its own dedicated Privacy Policy, in line with the BBioNets Data Management regulations, which you are asked to read before using it. IUNG-PIB cannot be held responsible for the privacy practices on the website.

2.7 Third-Party Services

Our platform may contain links to third-party sites, including the sites of the BBioNets consortium partners, but also the EU-FarmBook, the EIP-AGRI database, or other websites and online repositories containing materials relevant to the scope of the BBioNets project activities, especially the ones regarding the activities of relevant Operational Groups. These links are provided for your convenience and information only, to ensure the best quality of service and access to most recent information after the course of the project. We are not responsible for the privacy practices or content of these third-party sites and expressly disclaim any liability for any loss or damage that may be caused by the use of these links.

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We have no control over and assume no responsibility for the content, privacy policies or practices of any third-party sites or services. If you have any questions about the privacy practices of another site, you should contact the site's responsible personnel.

3 Cookies Policy

Our platform will use necessary, functional, and optional analytics cookie. Cookies are small pieces of data generated by a website and stored on your computer by your web browser. There are various types of cookies, with BBioNets employing a singular one, originating from the [Koko Analytics](#) plugin.

This cookie is always enabled and utilised for the purpose of gathering statistical data only, specifically in regard to the number of visitors, the frequency of page views, and the sources of referrals. It is pertinent to note that this process does not involve the tracking of events, nor does it entail the collection of any personal or device-related information.

You are informed about the use of this cookie and can manage your preferences. For more information on how to manage the cookie used by the platform, please visit: <http://www.aboutcookies.org/>.

Cookie Designation	_koko_analytics_pages_viewed
Domain of Application	bbionets.eu
Validity Period	5 Hours

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Document information

Title BBioNets - Creation and promotion of Forest and Agriculture Networks to boost Bio-Based Technologies adoption and Value Chain development (GA No 101133904)

Start - end date 1/11/2023 – 31/10/2026 (36 months)

Project type Coordination and Support Action

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Coordinator Munster Technological University
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Project overview BBioNets will constitute a thematic network that will rely on, promote, and further advance the work carried out by EIP AGRI Operational Groups (OGs) with respect to **management and/or processing of agricultural and forest biomass with Bio-Based Technologies (BBTs)**. The project will set up 6 regional Forest and Agriculture Networks - FANs (IE, ES, IT, GR, PL, CZ) that will identify local needs, prioritise specific BBTs and share BBT knowledge ready for practice to farmers and foresters, boosting the (re)definition of value chains, stimulating cross-fertilisation beyond borders, and bringing Europe to the forefront of farming, forestry, and bioeconomy with economically viable and sustainable practices.

Consortium



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