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BIOWAYS
Bio-based economy: network,
innovate, communicate

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Development of the content of the e-Library

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Development of the content of the e-Library

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1. EXECUTIVE SUMMARY



The purpose of this deliverable document is to outline the process behind the collection of content to be available in the Bioways eLibrary on the BioWatch platform. The document outlines the selection process of this content and its subsequent categorisation to make it searchable by and available to the widest possible audience.

This document should be read in parallel with the D3.1 deliverable document, which goes into detail about the BioWatch Platform and the way in which the eLibrary plays a part in it.

This document clearly outlines the variety of roles the partners have played in the collection of content to date and the on-going efforts that will continue to ensure the eLibrary remains active.

As well as a variety of documentation to be stored in the eLibrary, the BioWatch Platform will also be rich with content uploaded and managed by a target of 30 on-going BBI projects, who will have the opportunity to develop individual project SEEDs – multi-media digital brochures containing information about their work within the bio-industry. This content will form the basis of the collaborative platform, also outlined in detail in D3.1.

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2. INTRODUCTION

The BioWatch platform has been developed to target specialist and non-specialist users with an interest in the bioeconomy. It is an attractive, accessible, easy-to-use multi-media information portal, which encourages the interaction between the research project and its target audience. The outcome of this task has been to gather a selection of bio-based contents and structure this to be injected into the BioWatch platform and form an eLibrary for the bio-based industry.

2.1. CONTENT

The content collected for the eLibrary has been:

- A collection of relevant reports/studies (developed under the various initiatives, the EU, relevant ETPs/Jus, etc), gathered during the screening of various projects and initiatives for T2.1, T2.2 and T2.3.
- The development of short Fact Sheets, with a target of 4 per 'application area'.
- Elaboration/collections of "*case studies on specific practical solutions for end-users that cater to societal needs or concerns*"
- Facts and figures about the bioeconomy
- Continuous Update and refinement of the content of the e-Library (T4.4)

This content has been gathered

- Based on the information collected and elaborated by the partners
- In collaboration with the respective initiatives

The material in the eLibrary will not only 'promote' bio-based products and their potential applications but also 'compare' them with their 'competitors' produced using fossil-based materials. Comparisons will be made to cost, value, life-cycle analysis, consumer appeal etc.

Where possible, multi-lingual versions of the content will be made available and in this case each partner has been responsible for the coordination of the translations into their local languages.

3. STRUCTURE AND LOCATION

The Bioways project has more than 100 documents uploaded into the Bioways eLibrary, to be available through the BioWatch Platform. These have been collected during the project screening process that has taken place in T2.1, T2.2 and T2.3, as well as during some of the other project activities.

The type of contents collected for the library to date include documents of:

- Market analysis
- Strategy
- Policy briefings

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- Training materials
- Public deliverables
- Project reports
- Presentations

Bioeconomy stakeholders will be able to take advantage of this wide breadth of existing material being available in one online space and through the sophisticated categorisation process and search functionality they will find a wealth of information discoverable.

See Annex for a spreadsheet detailing content gathered for the library to date.

3.1. LOCATION- THE ELEMENT OF THE BIOWATCH PLATFORM

The BioWatch Platform is the repository for the content of the Bioways Library.

Access to the Bioways Library is achieved through a button on the BioWatch Platform, where a “Library” icon is visible on the home page display, alongside the five value chain thematic buttons, together with the additional members’ content buttons. By clicking on the icon, you are taken to a simple search page, where you can enter various search parameters. These can vary from a very wide search through to very specific searches. Examples of searches include:

- Search for all policy briefs
- Search for market analysis by live EU-funded projects in the bioenergy sector



Figure 1 BioWatch platform- location of the Bioways e-Library

3.2. CATEGORIES OF INFORMATION PROVIDED IN THE LIBRARY

For the library to be a valuable addition to the development and promotion of the bioeconomy, it has been important to develop an effective categorisation of each document uploaded. As such, the following data has been collected for each document:

- Title
- Subtitle
- Abstract/description
- Year of publication
- Type of document

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- Market analysis
- Strategy
- Policy brief
- Training material
- Public deliverable
- Project report
- Presentation
- Related category
- Image (thumbnail)
- Is this related to a EU funded project?
- Acronym*
- Title*
- Funding Programme*
- Project's website*
- Project start date*
- Project end date*
- Project contacts*
- Add product
 - Name*
 - Description
 - Product's website*
 - Image (thumbnail)
- Author(-s)
- Owner*
- Type of owner*

EU-funded project
European Commission
Public Organisation at National or European level (Authorities, Agencies, Funding organisations, etc.)
Regional initiative
Association/cluster
Research Organisation
Consultancy Organisation
Media Organisation
Industry/SMEs
Experts group

- Keywords
- Source
- Link to the uploaded document*
- Uploaded by
- Date

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*Items related to EU-funded programmes and projects.

3.2.1. Search functionality

This is destined to become a valuable resource for all stakeholders involved in BBI research and implementation from the four areas of interest highlighted by the project – academia, business, policy and general public and media. To increase its viability as a valuable resource in this sector, the database is searchable and the documents can be found and grouped in relation to:

- Title
- Abstract
- Description
- Type of document
 - Market analysis
 - Strategy
 - Policy brief
 - Training material
 - Public deliverable
 - Project report
 - Presentation
- Author
- Keywords: open search

After any search, the following information about each document will be displayed:

- Title
- Abstract
- Description
- Type of document
- Author
- Download document button

As well as this standard information display, there is also a “more information” button. By clicking on this, a pop-up panel will appear providing all the other detail recorded about each document.

4. METHODOLOGY, TOOLS AND PROCESS OF CONTENT DEVELOPMENT

4.1. ROLES AND RESPONSIBILITIES

Table 1 shows the distribution of tasks between the partners throughout the duration of Task 3.2.

Table 1: Roles and responsibilities

Partner	Role	Tasks
FVA	Task Leader	<ul style="list-style-type: none"> • Manage task 3.2 • Create action plan for T3.2 • Create tools and templates • Generate library content through desktop research and appropriate use of tools
IPL	Main Contributor	<ul style="list-style-type: none"> • Complete deliverable D3.2 • Add e-library functionality to the BioWatch platform • Generate content • Upload content
AINIA	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements
LOBA	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements
UNIBO	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements

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PEDAL	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements
CIVITTA	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements
Q-PLAN	Contributor	<ul style="list-style-type: none"> • Generate library content through desktop research and appropriate use of tools • Review procedures and tools and provide comments and suggestions for improvements

4.2. TOOLS AND SOURCE OF MATERIALS

To gather content for the Bioways eLibrary for the BioWatch Platform, FVA was responsible for creating a template for data collection - the main tool used in Task 3.2 (see Annex 1). All partners completed desktop research activity and added the information sourced from interviews completed during tasks 2.1 and 2.2. All raw data gathered this way is stored on the Bioways' Google Drive and available to view by all project partners. A collated list of documents was created to feed the online library - all content will be added to the eLibrary on the BioWatch Platform.

4.3. POPULATING THE CONTENT DATABASE TEMPLATE

The first stage of the process was the creation of the Content Database Template. This was completed following numerous internal discussions - during the monthly project calls and the project meetings. Each partner was responsible for populating the Content Database Template, the main tool used in T3.2. All partners were involved in the exercise of collecting relevant reports and studies. The reports, studies and documents were selected according to the following requirements:

- Documents were produced by a recognised body in bio-based industry, e.g. projects funded by European Commission or significant research centre

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- The file was of any of the following formats:
 - Report or analysis
 - Strategic document
 - Fact sheet or infographic
 - Publication
 - Article
 - Project deliverable
 - Presentation
 - Video
 - Training material
 - Case study
- The documents relate to any of the following areas:
 - Bio-based chemicals
 - Bioplastics/biomaterials/packaging
 - Biofuels
 - Bio-surfactants
 - Food ingredients and feed
 - Bioenergy
 - Bio-economy
- The document is available to public and can be published outside the original source or location
- If the document was not available to public, a relevant approval has been granted by the owner to use on Bioways website

4.3.1. Further content

The Bioways consortium will continue to add content to the library during the course of its work during the project.

Members of the BioWatch Platform will also be able to upload content to the library, providing they follow the categorisation process, which is available on the platform.

Projects with SEEDs in BioWatch will be able to make their documents, uploaded into their individual project repositories, visible on the main eLibrary should they wish to do so and providing they follow the additional categorisation process.

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6. ANNEX 2- CONTENT DATABASE



T3.2_Collated_List_20170630.xlsx

Figure 3: Completed content database

The screenshot displays an Excel spreadsheet titled 'T3.2_Collated_List_20170630'. The interface includes the standard Excel ribbon (Home, Insert, Page Layout, Formulas, Data, Review, View, Developer) and a search bar. The spreadsheet contains a large table with approximately 20 columns and 15 rows of data. The columns include various identifiers, descriptions, and links. Some cells contain images, such as a landscape photo and a logo for 'The Green Economics Group'. The data appears to be a list of resources or publications related to the bio-based economy.

