



POWER4BIO
REGIONS FOR
BIOECONOMY

Catalogue of bio-based solutions

Bioeconomy Innovation Week, | Online, 5 March 2021

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FOR BOOSTING THE REGIONAL BIOECONOMY IN CEEC

This project has received funding from the European Union's
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Content of Catalogue

- Online searchable database with
- Short description + key data/info of
- Existing bio-based solutions (technologies) for conversion of
 - wide range of feedstock (side streams, resource-efficient) into
 - wide array of bio-based products
- With tested potential for market uptake (TRL \geq 6)
- For bioenergy, biomaterials, biochemicals, food & feed

Content of Factsheets

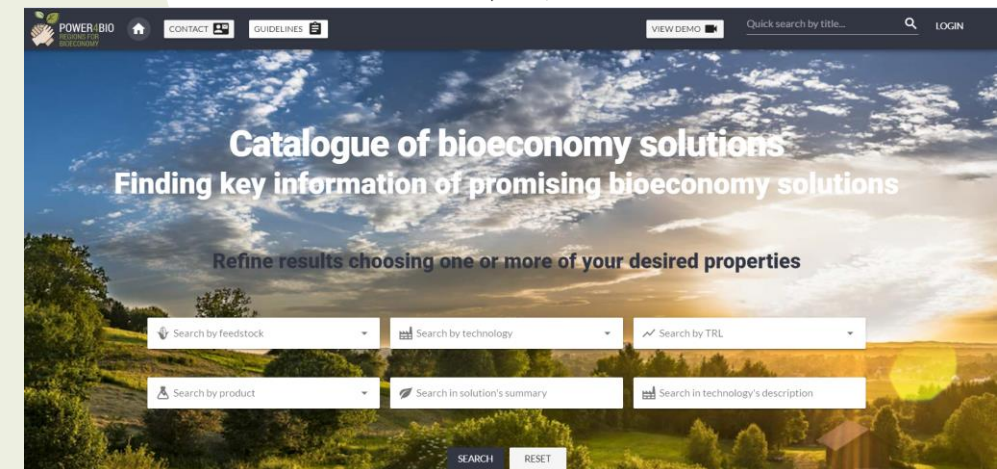
- Based on stakeholder interviews by POWER4BIO partners:
 - General
 - Feedstock
 - Technology
 - Products
 - Environment and impacts

Goal of Catalogue

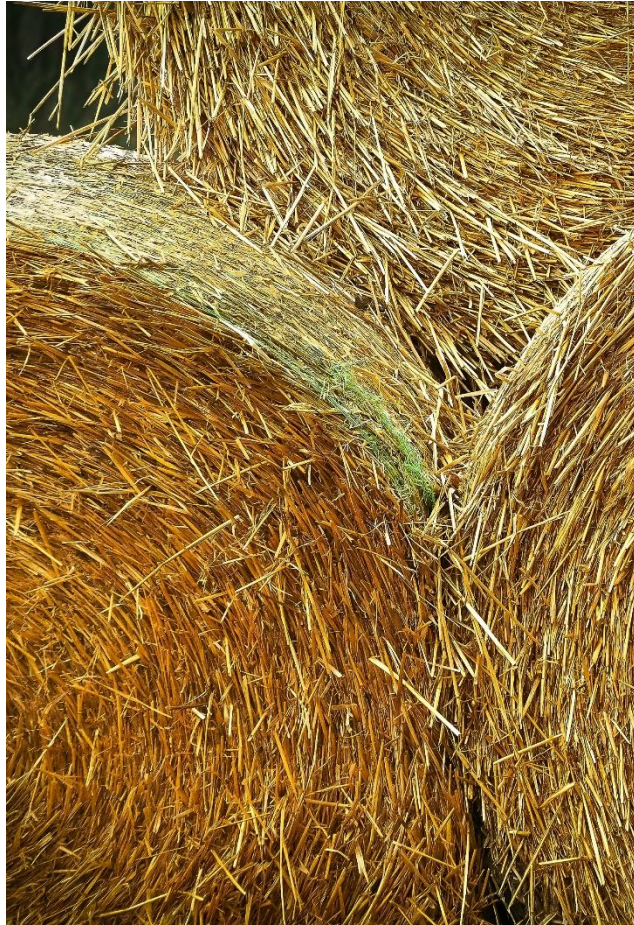
- To provide examples of developed bioeconomy technologies
- To inspire to find most interesting options for your own region
 - Develop/establish by Region itself
 - In collaboration with parties elsewhere for reasons of: know how, market, ...
- Considering:
 - Feedstock
 - Infrastructure (assets, intra and inter regional connections)
 - Product-market situations
 - Long term vision (future not limited by present situation)

Demo online catalogue

- <https://www.bio-based-solutions.eu>
- Searchable by:
 - Feedstock, Technology, TRL, Product
 - Words in Summary and Technology Description
- Factsheet data can be exported to PDF
- Version for smartphones
- Demonstration film of the capabilities of the database



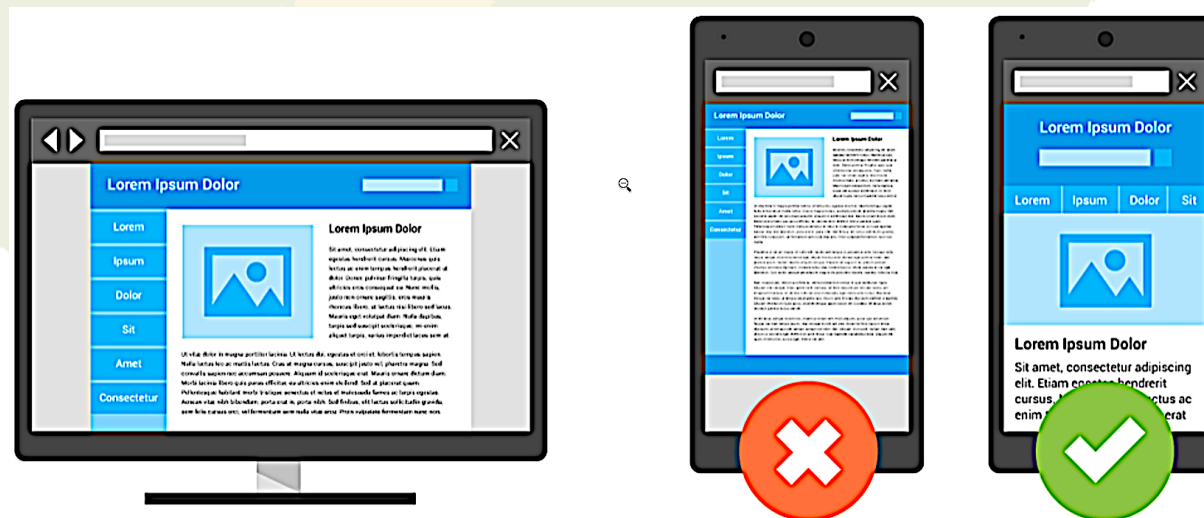
Relevant for



- Policy makers, Industry, R&D, Consultants
 - Each their own expertise, responsibility and potential benefit
- Develop / establish most promising value chains
 - Cooperation required

Web technology for Catalogue

- Creates an offline repository
 - Data can be accessed and searched offline
- Natural app experience
- Runs on any device, irrelevant of operating system
- Auto adapting to dynamically fit the content to resolution and size of device



Additional info

- Long list of about 150 solutions in Annex B of D3.3 report
 - Descriptive title (Feedstock-Technology-Product), Country, URL
 - Searchable using CTRL+F
- Description of 12 Best Practice examples in D3.4 report
 - Focus on benefits especially interesting for rural areas
 - Small scale (relatively)
 - Rural development: Employment, high qualified jobs, capital formation in region
 - Competitiveness (added value relative to investment) & Replicability
- <https://power4bio.eu/project-material>

Thank you for your attention!



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