

The EU Bioeconomy in the year of skills

The Knowledge Centre for Bioeconomy
reaching out with data and info

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European Commission-Joint Research Centre

24 May 2024

GENB: Bioeconomia circolare per la transizione
ecologica: nuove competenze e bisogni formativi

The European Green Deal

380

documents collected

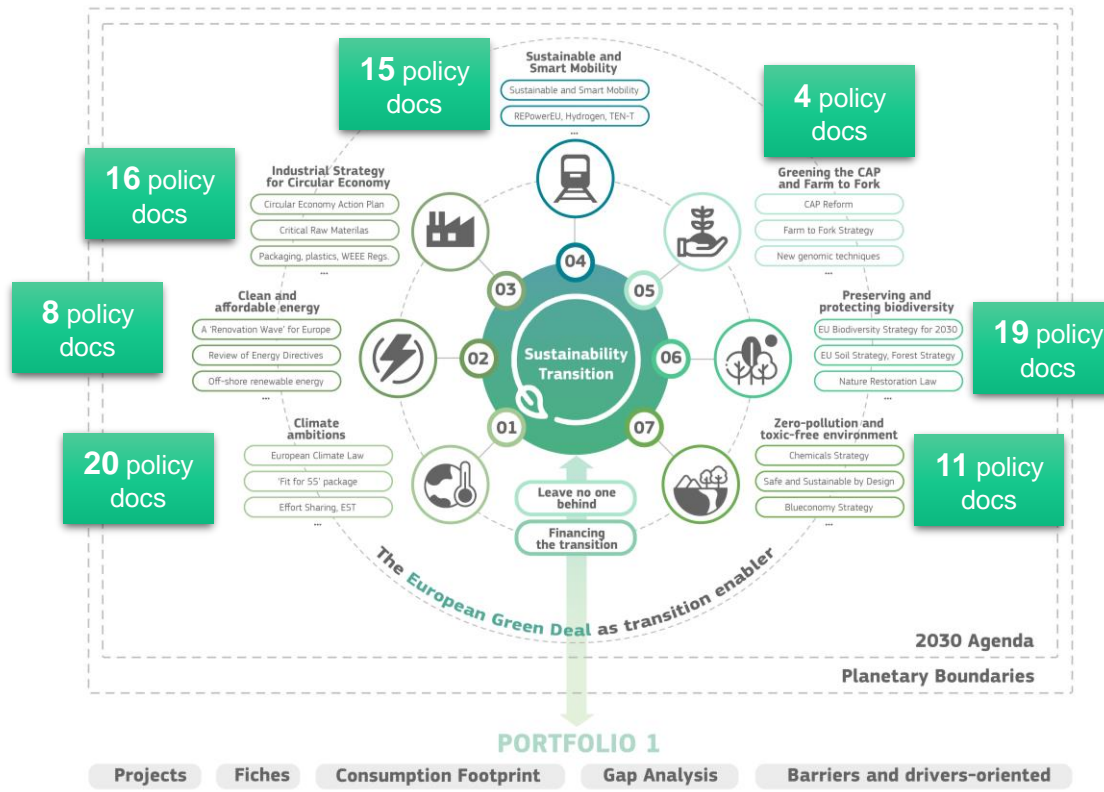
76

key policy documents analysed to extract targets (ongoing)

258

EGD targets retrieved (ongoing) + indicators by experts

Review of *EGD Policies-related documents* to extract targets, associate indicators and datasets and perform a gap analysis



The EU Bioeconomy Strategy – Action Plan

Council Conclusion

central role of a sustainable and circular Bioeconomy

better integrate bioeconomy in all EU policies

updated EU Bioeconomy Strategy and Action Plan

Priority 1: 1/4 actions = education - training

DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS EUROPE



Launch a **Strategic Deployment Agenda** for sustainable food and farming systems, forestry and bio-based products



Launch **pilot actions** for the development of bioeconomies in rural, coastal and urban areas



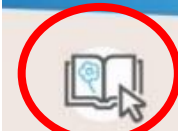
Support regions and Member States to develop Bioeconomy Strategies



Promote education, training and skills across the bioeconomy

Priority 2: 2/4 actions = knowledge - practice

UNDERSTAND THE ECOLOGICAL BOUNDARIES OF THE BIOECONOMY



Enhance knowledge on biodiversity and ecosystems



Monitor progress towards a sustainable bioeconomy



Promote good practices to operate the bioeconomy within safe ecological limits



Enhance the benefits of biodiversity in primary production

Priority 3: 1/6 actions = engaging stakeholders

STRENGTHEN AND SCALE-UP THE BIO-BASED SECTORS, UNLOCK INVESTMENTS AND MARKETS

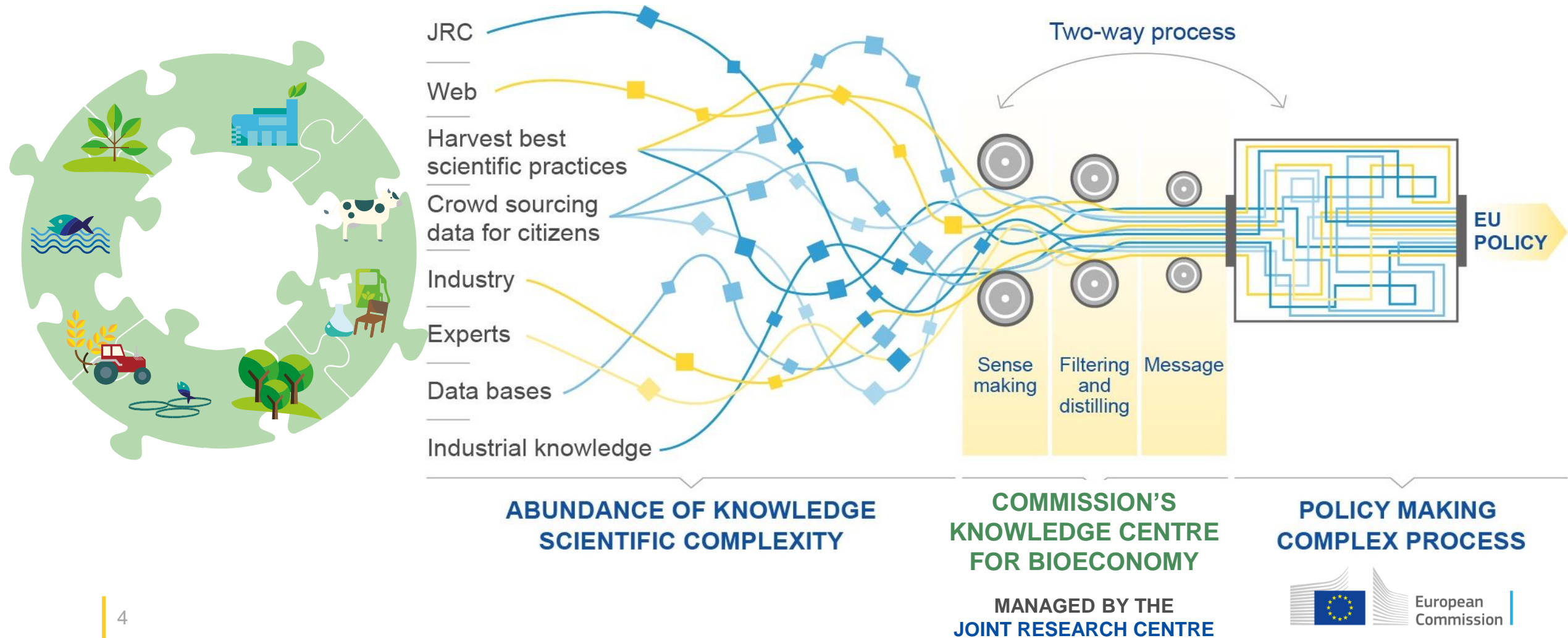


Mobilise stakeholders in development and deployment of sustainable bio-based solutions



Launch the **EUR 100 million** Circular Bioeconomy Thematic Investment Platform

The Knowledge Centre for Bioeconomy



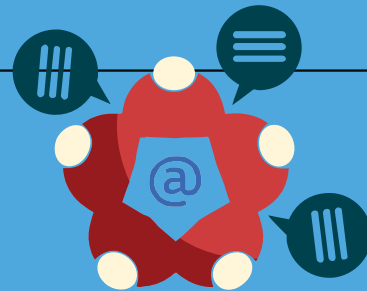
Knowledge Centre for Bioeconomy



Identifying and **filtering** relevant information and making it accessible:



Bringing together researchers, policymakers and other experts in the field.



Analysing, synthesising and communicating available evidence.



Enhancing the **knowledge** base for policymaking.



Knowledge Centre for Bioeconomy

>1000 readers
KCB Newsletter

Identifying and
filtering relevant
information and
making it accessible:



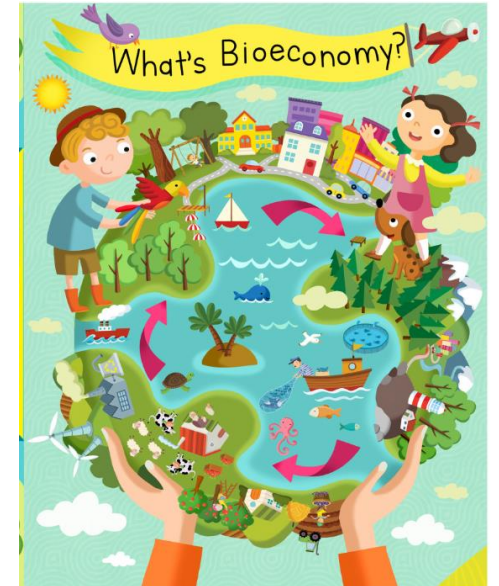
The online knowledge base & Newsletter

>**230** sources monitored weekly



Knowledge library with
>**5.4k** resources (publications,
datasets, data visualizations,
news, events, briefs, online
tools, videos, definitions ...)

<https://ec.europa.eu/newsroom/know4pol/user-subscriptions/2358/create>



whats-bioeconomy-book-kids
<https://bb4k.fvaweb.eu/>

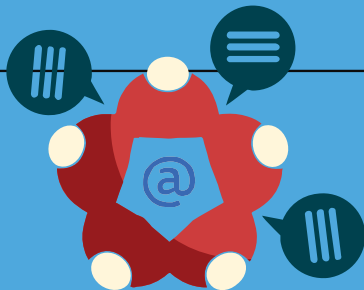
Youth Ambassadors podcast

<https://www.biobeo.eu/bioeconomy-podcast/>

Knowledge Centre for Bioeconomy

1276
in
34 events

Bringing together
researchers,
policymakers
and **other experts**
in the field.



Foresight: EU bioeconomy towards 2050



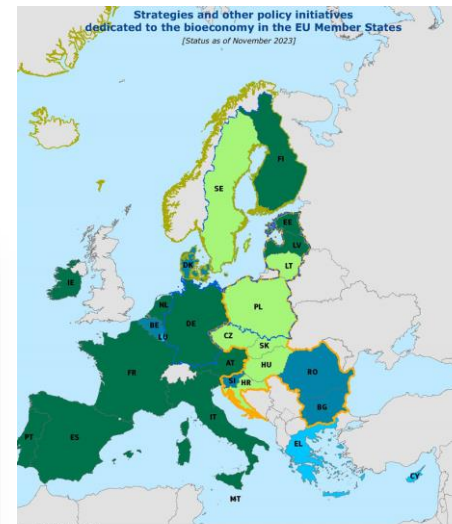
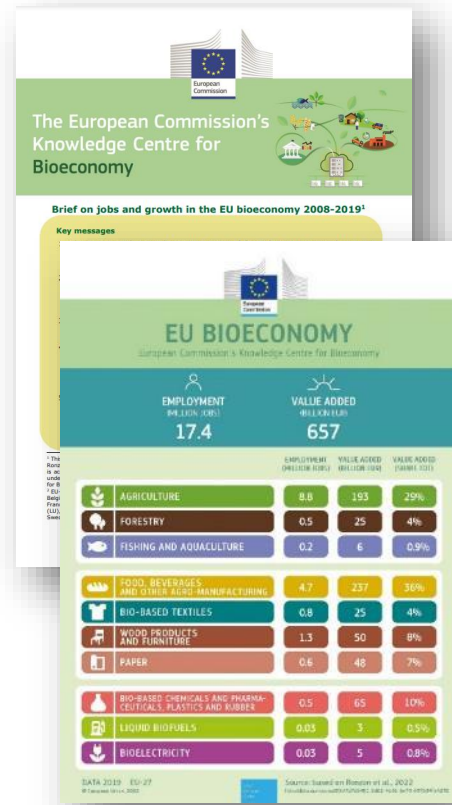
https://joint-research-centre.ec.europa.eu/jrc-news-and-updates/recipe-sustainable-bioeconomy-collaborate-engage-locally-involve-consumers-2024-01-15_en

Knowledge Centre for Bioeconomy

Analysing, synthesising and communicating available evidence.



Briefs, dashboards, videos & infographics





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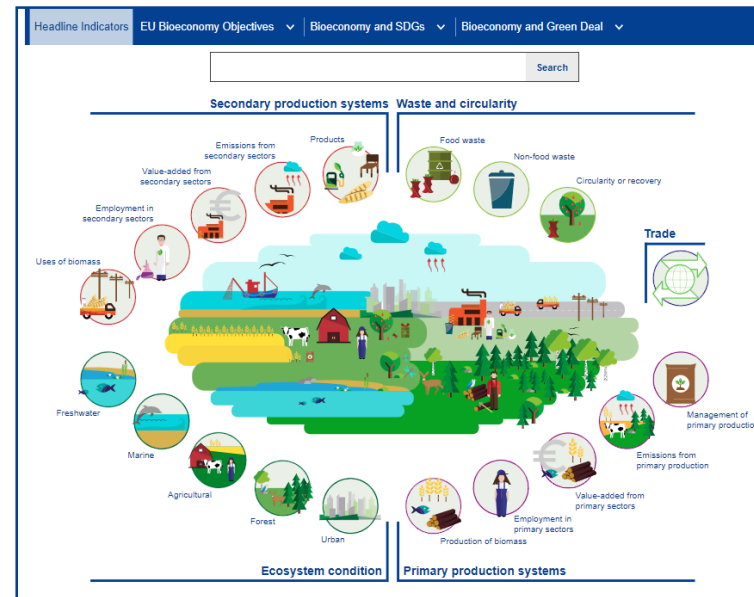
EU Bioeconomy Monitoring System dashboard & evidence reports

Open access, available to e.g. European Bioeconomy University

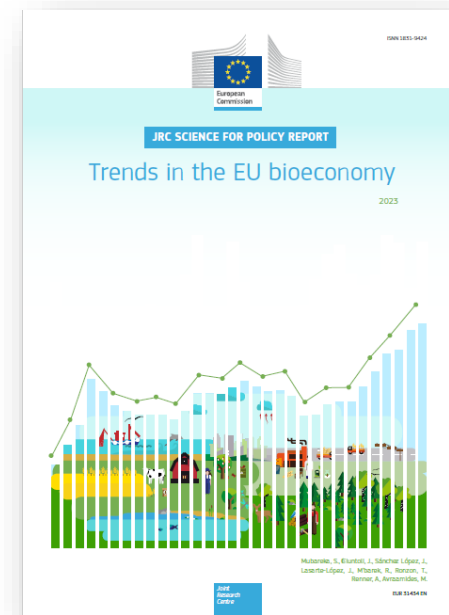
Enhancing the **knowledge** base for policymaking.



<https://publications.jrc.ec.europa.eu/repository/handle/JRC132358>



https://knowledge4policy.ec.europa.eu/bioeconomy/monitoring_en



<https://publications.jrc.ec.europa.eu/repository/handle/JRC132639>

Bioeconomy is holistic, enabling, resilient

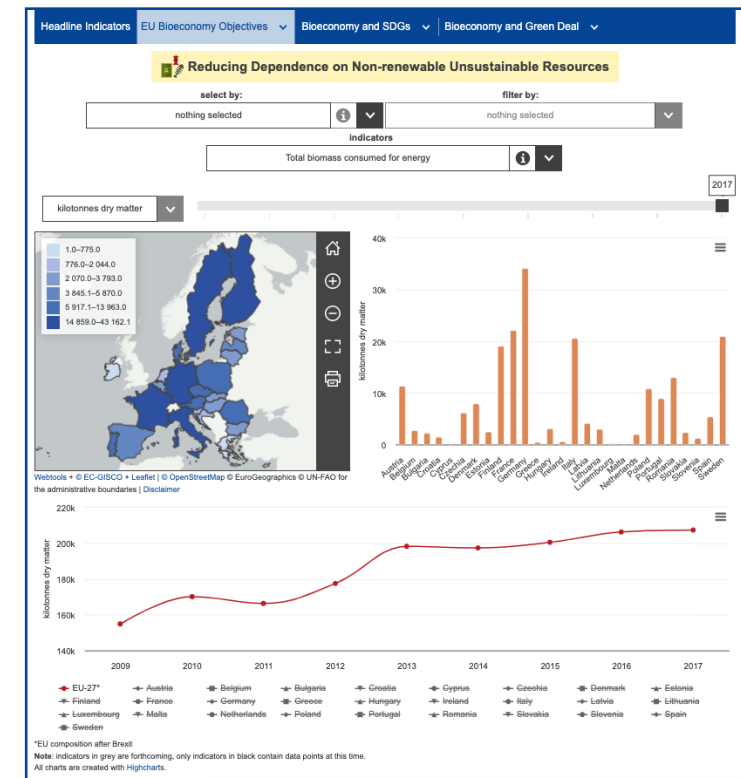
EU Bioeconomy objectives



during COVID-19 crisis, the value added generated by bioeconomy remained stable, while it decreased in average 4% in other EU sectors.

EU Bioeconomy trends

Access to food	➔	Re-use, recycling, recovery	➔
Availability of food	➔	Minimisation food & waste loss	➔
Food quality	➔	Resource efficiency	➔
Provisioning services	➔	Energy efficiency	⬆
Pressures from forestry	➔	Employment in bioeconomy	➔
Pressures from agriculture	➔	Value added of raw & processed biomass	⬆
Climate change mitigation	➔		



<https://publications.jrc.ec.europa.eu/repository/handle/JRC132639>

Thank you, and stay in touch



EC Knowledge Centre for Bioeconomy website: https://knowledge4policy.ec.europa.eu/bioeconomy_en

Subscribe to the KCB Newsletter: <https://ec.europa.eu/newsroom/know4pol/user-subscriptions/2358/create>

Join the Community of Practice on bioeconomy: https://ec.europa.eu/eusurvey/runner/CoP_bioeconomy

Contact us at: EC-Bioeconomy-KC@ec.europa.eu

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