

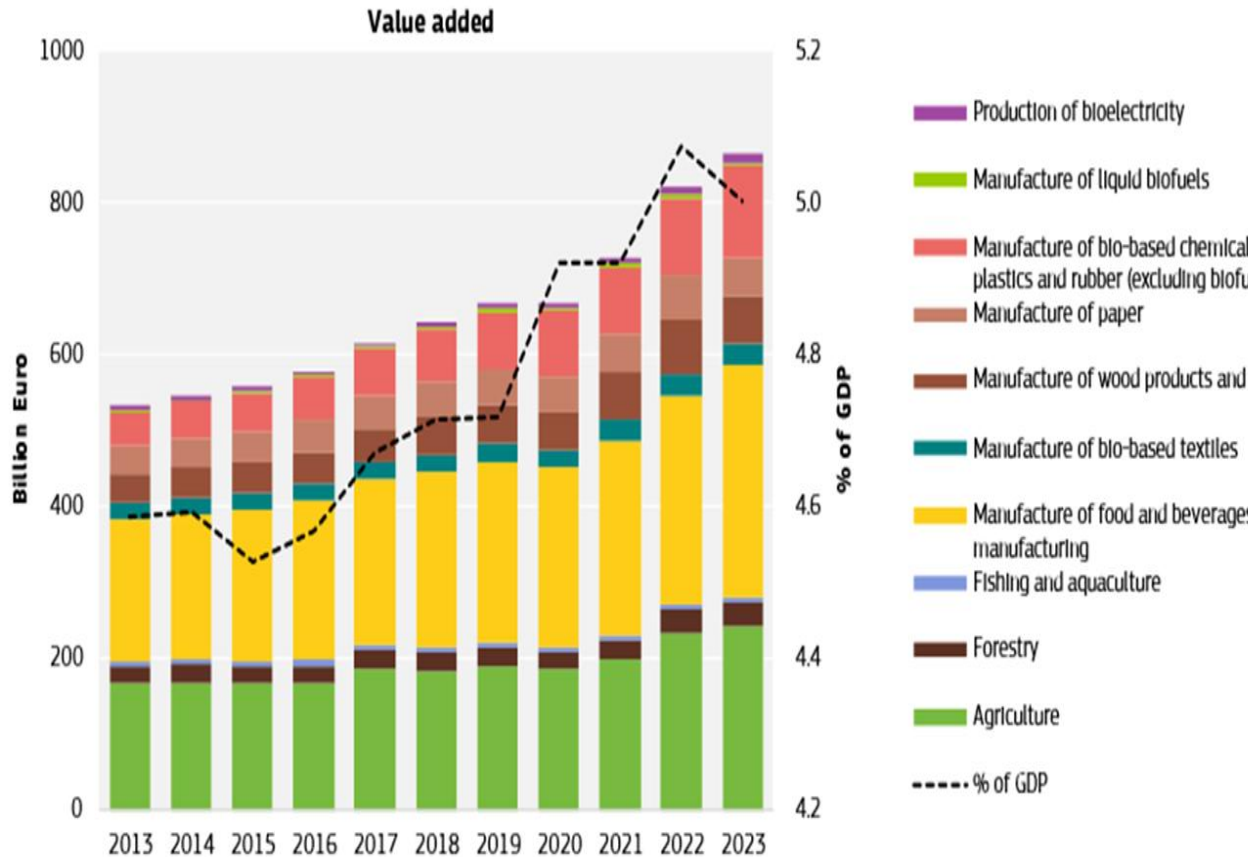
EU Bioeconomy strategy

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Potential of the bioeconomy



17.1 million jobs in the EU in biomass producing and converting activities - generating 5% of GDP

Up to EUR 2.7 trillion estimated value of the EU bioeconomy including goods and services

18% per year growth rate for the global biotechnology sector, worth over EUR 720 billion

2.9 additional jobs are generated in the EU for every job created in the bioeconomy

Evolution of value added in the biomass producing and converting sectors (E
Source: Lasarte-López, J., M'barek, R. (2025). The EU bioeconomy at a glance: Focus on economic value added, employment and innovation. European Commission, Seville, 2025. JRC143759



Vision for 2040

Biotechnologies breakthroughs and bio-based products deployed on the EU single market

Resilient and sustainable ecosystems and value chains

Europe, a leading partner, and exporter of sustainable bio-based solutions



Scaling up Innovation and Investments: from Lab to Deployment



Streamline permitting for the bioeconomy

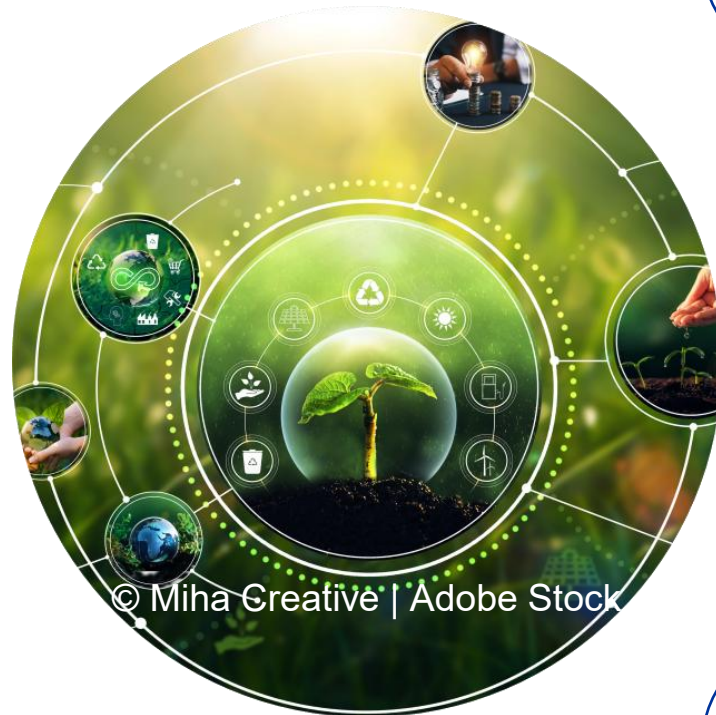
Fast-track autorisations for market entry

Bioeconomy funding under the new MFF

Attract private capital



Developing Lead Markets for Materials and Technologies



Evaluate the impact of support schemes for bioenergy

Create bio-based “Lead markets”

Incite public buyers to consider bio-based solutions

Build a voluntary Bio-based alliance with EU companies



Securing Long-Term Prospects for the Bioeconomy: Sustainably Sourced Biomass

Improve eco-design for biobased products

Increase separate collection and use of biowaste

Monitor biomass availability

Stimulate emerging carbon and biodiversity markets



Harnessing global partnerships and opportunities and join forces for delivery

Global market access for EU bioeconomy

Shape the global bioeconomy agenda

Dialogues with Member States and stakeholders

Monitor the implementation of the Strategy



Over 70 actions out of which 36 cross-sectorial flagship measures across the pillars:



Innovations and investments

Investment Deployment Group

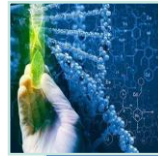
Biotech Act II Definitions on biobased materials, sandboxes

Regulators & Innovators Forum

European Competitiveness Fund

Review the current CBE JU partnership arrangement

Revise the Recommendation on the use of Environmental Footprint (EF) methods



Lead markets & technologies

Continue standardisation work for bio-based construction

Adoption of criteria and targets for bio-based plastics

Support the development of industrial symbiosis valleys and bioeconomy hubs

Improve green public procurement requirements

Bio-Based Alliance Platform



Sustainably sourced biomass

Launch of the blue bioeconomy innovation initiative

Issue guidance on circular business models

Increase nitrogen use efficiencies

Improve data and modelling for monitoring biomass availability (including Earth Observation)



Global Partnerships

- Use the EU free trade agreements and other partnerships to advance cooperation on sustainable bioeconomy solutions
- promote European innovation through Global Gateway

Joining forces for delivery: MS Dialogue, Stakeholder groups (eg ECESP)

Cross-cutting: monitoring the EU Bioeconomy



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Thank you!

[Environment - Bioeconomy Strategy](#)

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