

**LA STRATEGIA FORESTALE NAZIONALE:
LE OPPORTUNITÀ PER LA CAMPANIA E IL MEZZOGIORNO
Mercoledì 22 Giugno 2022**

Forestry as a key pillar of the Italian Bioeconomy

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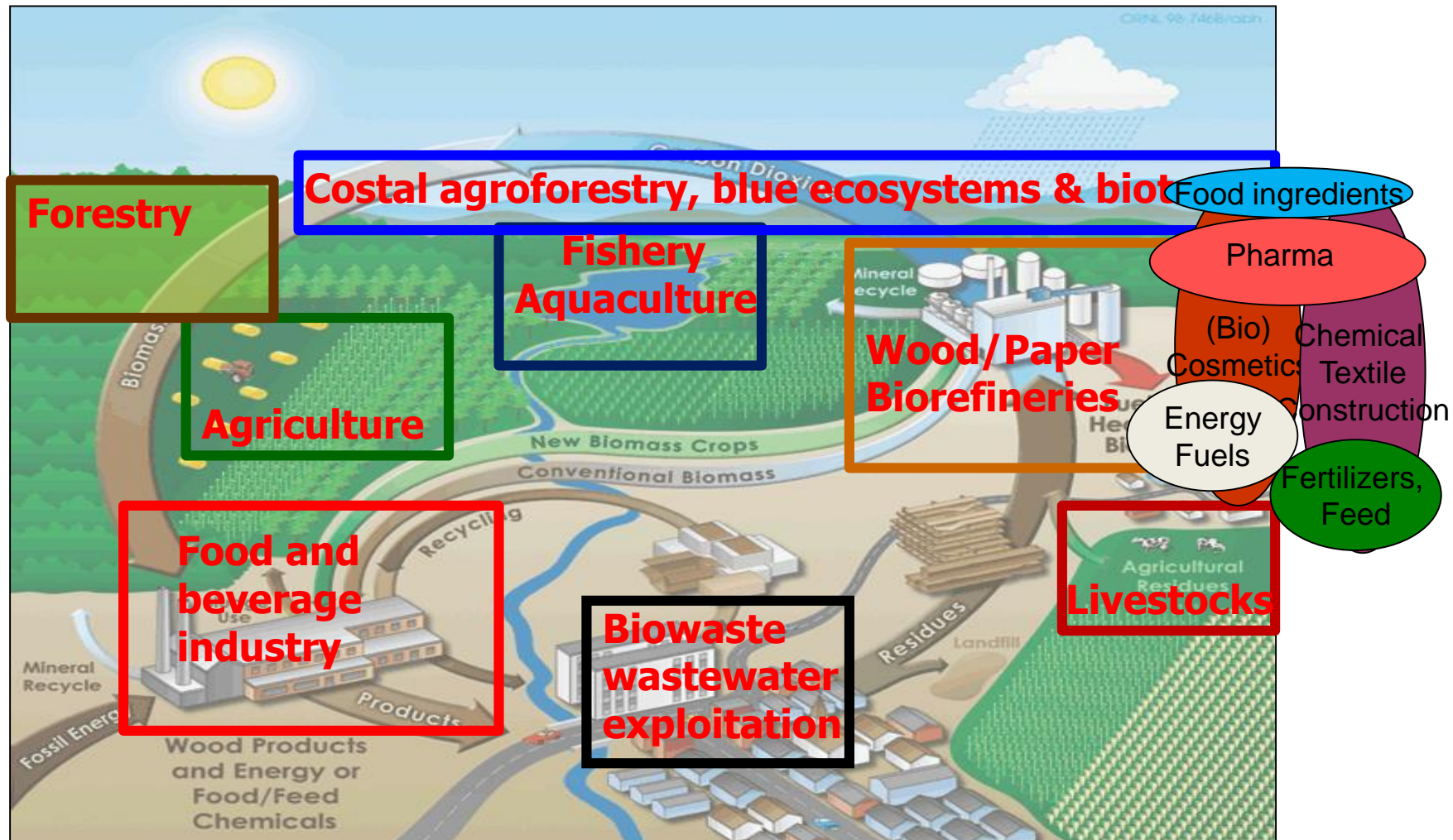
Public Private Partnership “Circular Biobased Europe JU”; «European Bioeconomy Policy Forum», Cluster 6 and Mission Soil, Horizon EU. European Commission, Brussels

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Forestry as a key pillar of the national Bioeconomy



In Italy: 330 Bil €/y, 2.0 Mil of jobs (2017) +1.8% (2018, 2019) -6.5% (2020)
In EU: 3rd turnover/jobs, often 2nd as presence in H2020 SC2 & BBIJU funded projects,
1st Biodiversity richness and number of quality products (DOP, IGP, etc)

Other Bioeconomy benefits

Environmental benefits

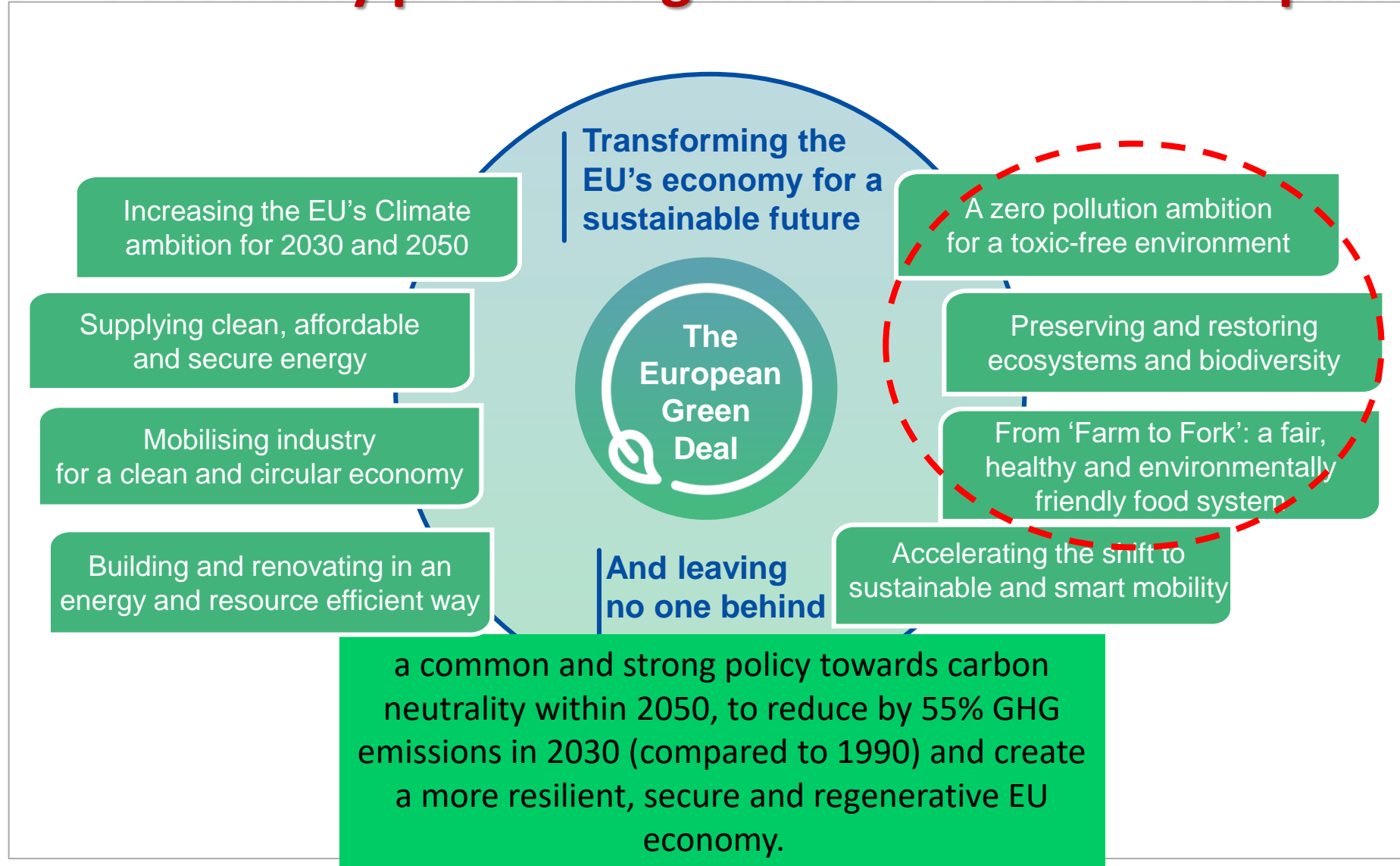
- Assimilates CO₂ (through the activity of forests, oceans/seas and soils);
- Produces chemicals and materials from non-food biomass/biowaste with lower CO₂ emissions than when the same are produced from Oil/petroleum;
- Disposes sustainably impacting bio-waste and wastewater producing clean water, bio-products and organic matter to be used for restoring soils;
- Produces biodegradable products and plastics, preventing their accumulation in the environment and delivering organic carbon to the soil;
- Restores biodiversity and ecosystems, regenerates forest, rural, coastal and former industrial areas, preventing/containing future epidemics.

Social benefits

- Produces food, and for all, along with clean water and essential products;
- Guarantees healthy ecosystems services;
- Creates new jobs in rural and costal areas and abandoned lands.

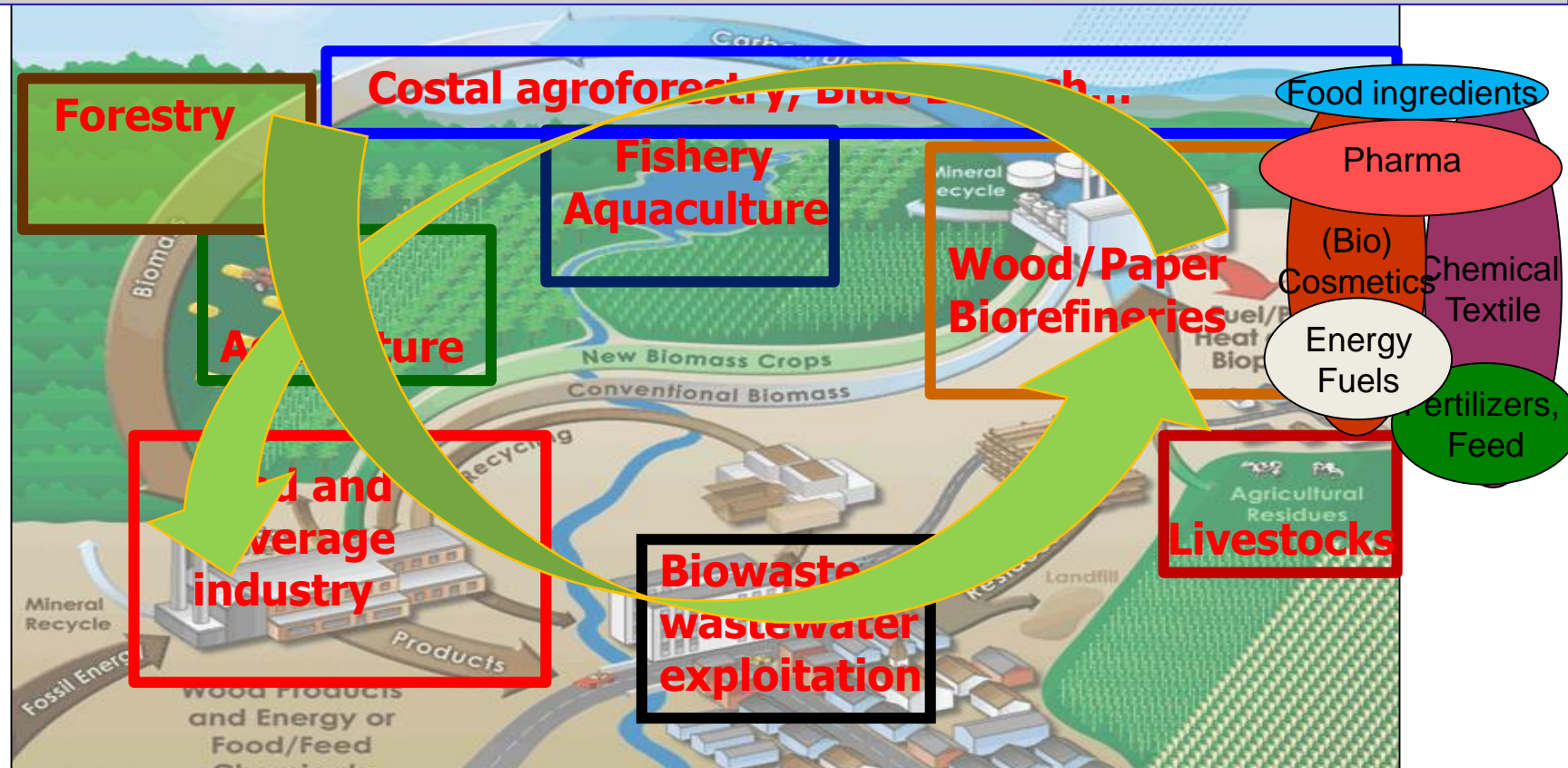
Finally, it **displays high resilience**, given its value chains long and deeply routed in the territories.

The Bioeconomy positioning in the EU Green Deal package



The Italian Bioeconomy landscape

Forestry, 12M ha, poorly exploited; **Coastline**, 8,000 km, poorly exploited
Agriculture, 13M ha, 90% in rural areas; Abandoned land, 2M ha;
Food&Drink companies, 58,000, 88% with < 9 employees; ...

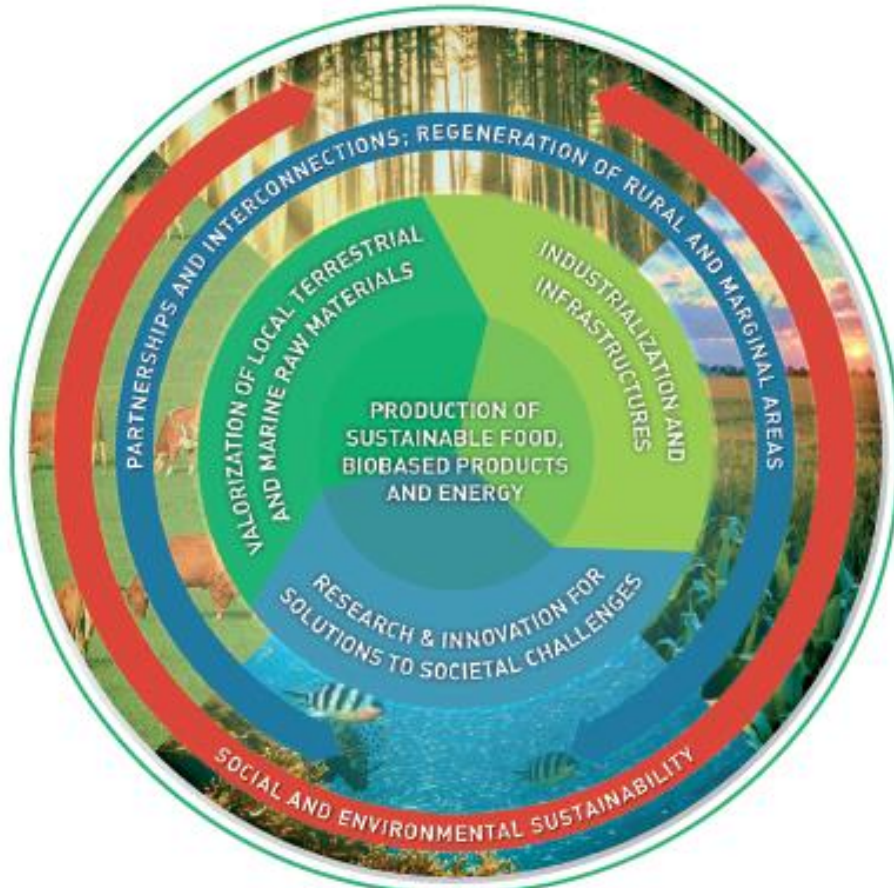


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BIT

The Italian Bioeconomy strategy (BIT)

Bioeconomy in Italy



February, 2017

A unique opportunity to reconnect
ECONOMY, SOCIETY
and the **ENVIRONMENT**

AVAILABLE AT:

http://cnbbsv.palazzochigi.it/media/1768/bit1_en.pdf

Promoted by Italian Presidency of Council of Ministers and endorsed by:

- Ministry Education, University, Research;
- Ministry Agriculture, Food, Forestry;
- Ministry Economical Development;
- Ministry Environment, Land, Sea;
- Ministry for territorial cohesion;
- Committee Productive Activities, Regions Conference;
- Agency for Territorial Cohesion;
- IT Technology Clusters Green Chemistry and AgriFood

The updated European Bioeconomy strategy



Brussels, October 22, 2018

<https://ec.europa.eu/research/bioeconomy/index.cfm?pg=policy&lib=strategy>

Rapidly deploying bioeconomies across Europe:

- set up an EU Bioeconomy Policy Support Facility for EU countries to develop **national/regional agendas**;
- **launch pilot actions** for the development of bioeconomies **in rural, coastal and urban areas, interconnecting the sectors.**

Scaling up and strengthening the bio-based sectors via a €100 million **Circular Bioeconomy** Thematic Investment Platform.

Protecting the ecosystem and understanding the **ecological limitations of the bioeconomy**

IT Bioeconomy strategy (BITII,2019),Implementation Action Plan (2021)

"National Bioeconomy Coordination Board" CNBBSV, Presidency Council Ministers, Rome



http://cnbbsv.palazzochigi.it/media/1774/bit_en_2019_02.pdf

Composition (PdC decree 2021):

- Ministry Agriculture, Food, Forestry Policies;
- Ministry University & Research;
- Ministry Economical Dev;
- Ministry Ecological Transition;
- Ministry Education.
- X and XI Conferences of Regions & autonom. Provinces;
- Italian Agency territorial cohesion; SVIMEZ;
- Institute for Environmental Protection and Research;
- Italian Technology Clusters: Circular Bioeconomy (SPRING) , AgriFood (CLAN), BlueGrowth (BIG).

IMPLEMENTATION ACTION PLAN (2020-2025) FOR THE ITALIAN BIOECONOMY STRATEGY BIT II



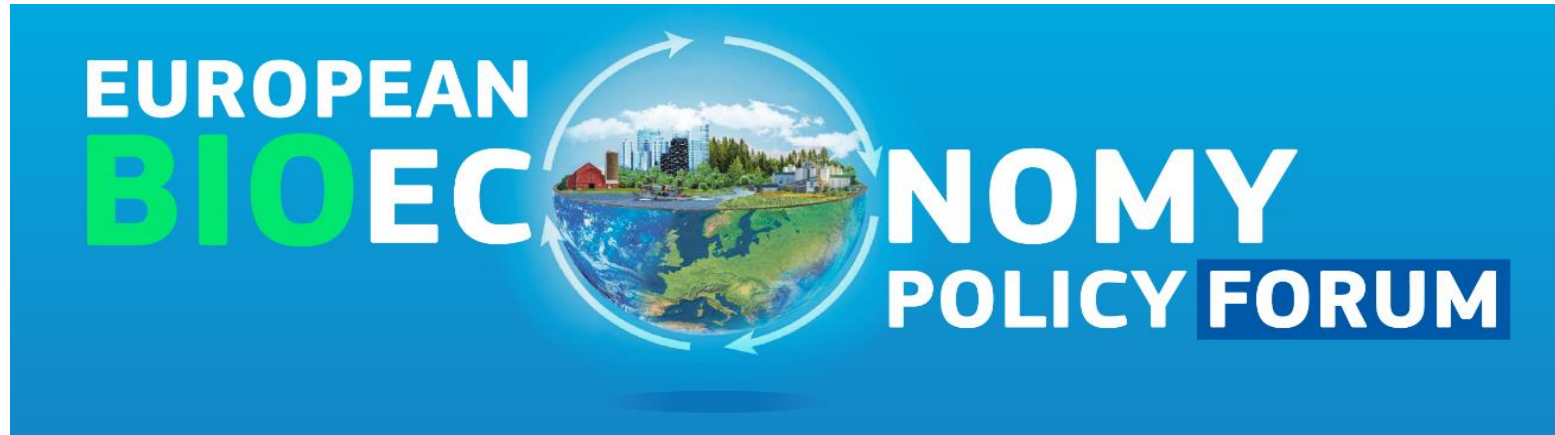
January, 2021

Presidenza del Consiglio dei Ministri
CNBBSV

<http://cnbbsv.palazzochigi.it/en/areas-of-work/bioeconomy/strategies-and-implementation-action-plan/>

<http://cnbbsv.palazzochigi.it/en/areas-of-work/bioeconomy/>

The European Bioeconomy Policy Forum



All EU MSs, EU Commission DGs, EU Parliament, Com. Regions, EU Econ Soc Committee (high and expert-level) **2020** (as an Action 2.3 of EU Bioeconomy)

Commission Expert Group to help implementing the Bioeconomy Policy Support Facility

Tasks:

Promote dialogue among all actors MS ↔ EU

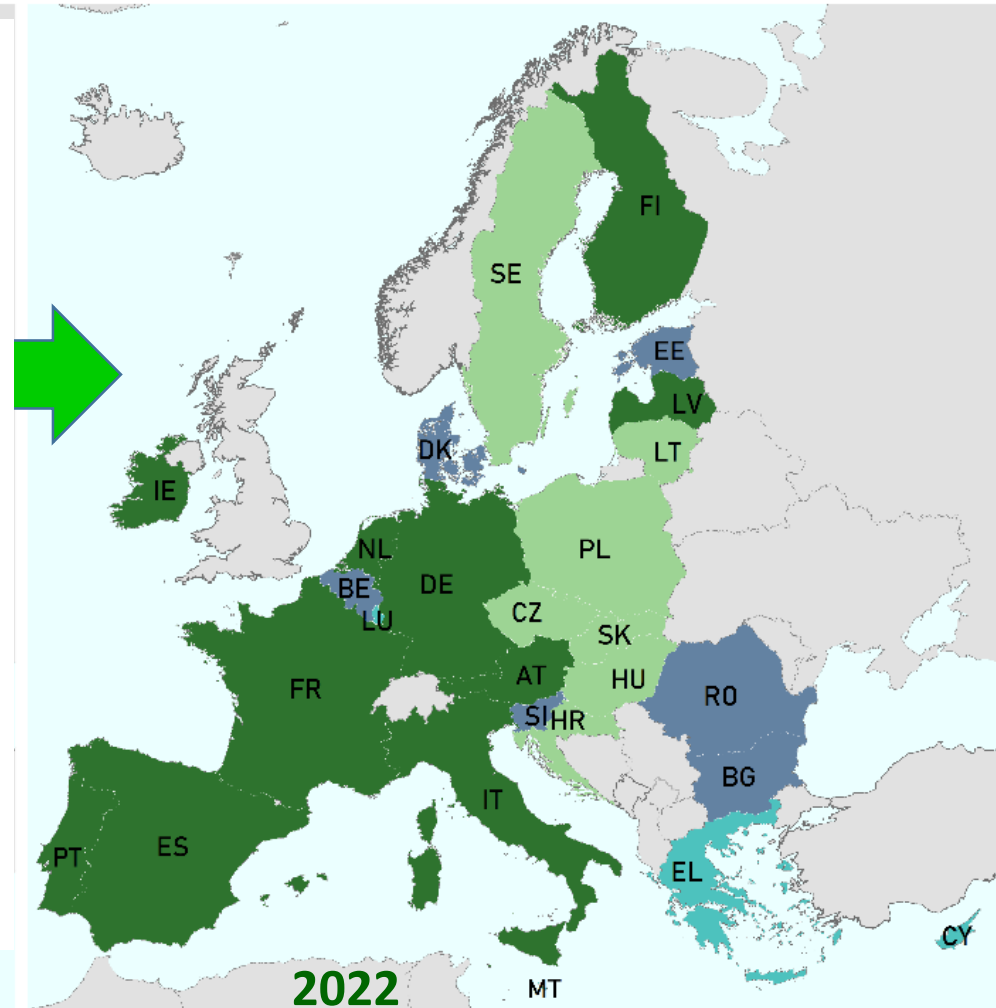
Support MS to deliver on EU Green Deal & leverage Recovery Fund

https://ec.europa.eu/info/research-and-innovation/research-area/environment/bioeconomy_en

The current Bioeconomy positioning in EU (a)

Status of the national bioeconomy policies in the EU-27

- 10 Member states with dedicated bioeconomy strategies at national level (AT, DE, ES, FI, FR, IE, IT, LV, NL, PT)
- 6 MS in the process of developing their respective dedicated national strategies (CZ, HR, HU, LT, PL, SK)
- 7 MS are involved in other macro-regional (BG, DK, EE, RO, SI, SE) or sub-national (BE) policy initiatives dedicated to the bioeconomy.
- 4 MS have bioeconomy related strategies (CY, EL, LU, MT)



Status before the adoption of the European Bioeconomy Strategy (left side) and in February 2022 (right side)

Source: European Commission's Knowledge Centre for Bioeconomy
Administrative Boundaries: © EuroGeographics © UN-FAO © Turkstat

Importance of the bioeconomy within the identified strategies & the status of such strategies

Regions with fully dedicated bioeconomy strategies

Regions with strategies where the bioeconomy is one of the key elements

Regions with strategies with minimum bioeconomy content

Regions without strategies addressing the bioeconomy

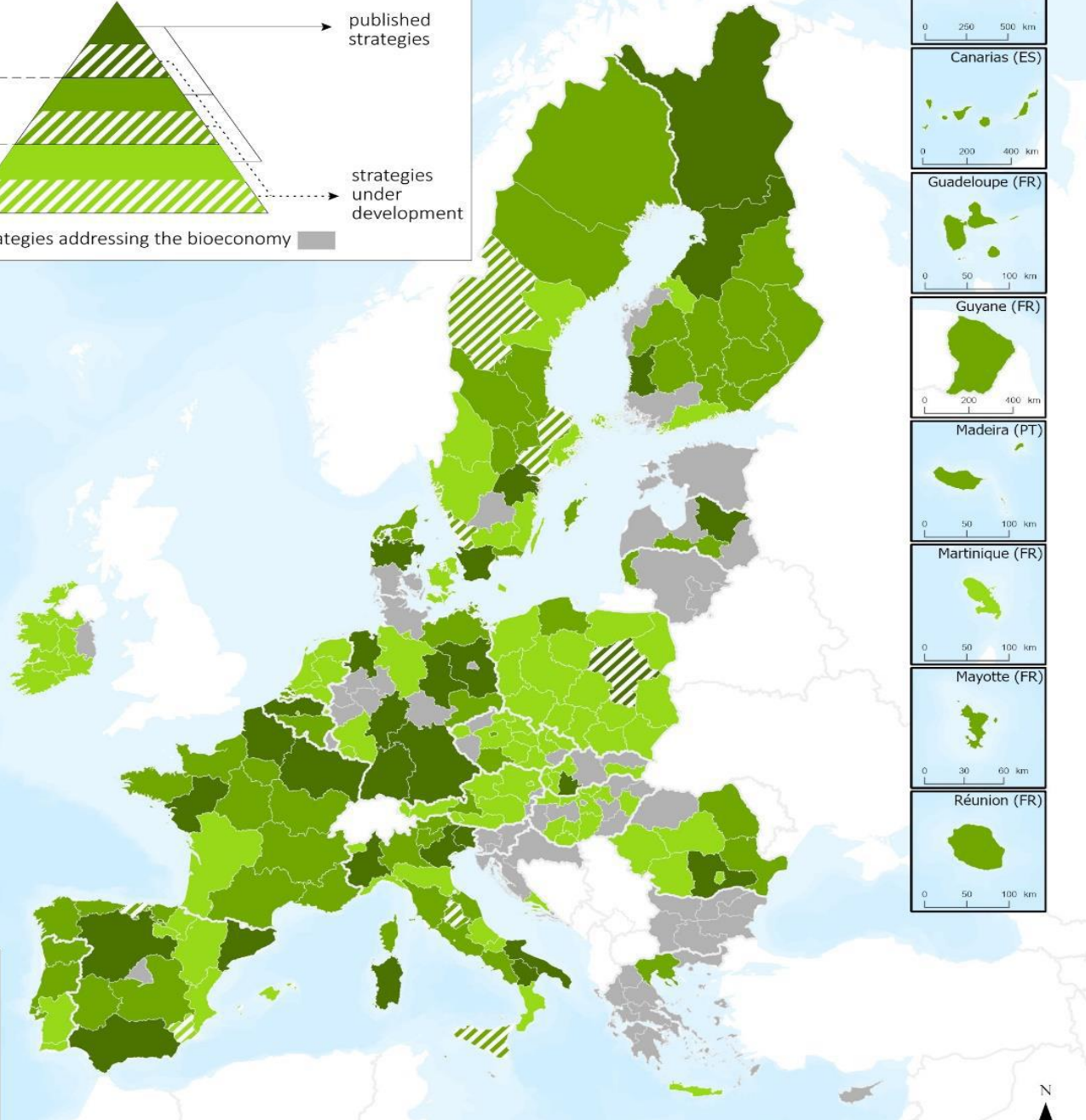
published strategies

strategies under development

Data source: Survey by ÖIR/S4S (Nov. 2021), elaborated for JRC, Bioeconomy strategy development in EU regions: (2022).
Background source: EUROSTAT; ESRI, FAO, NOAA

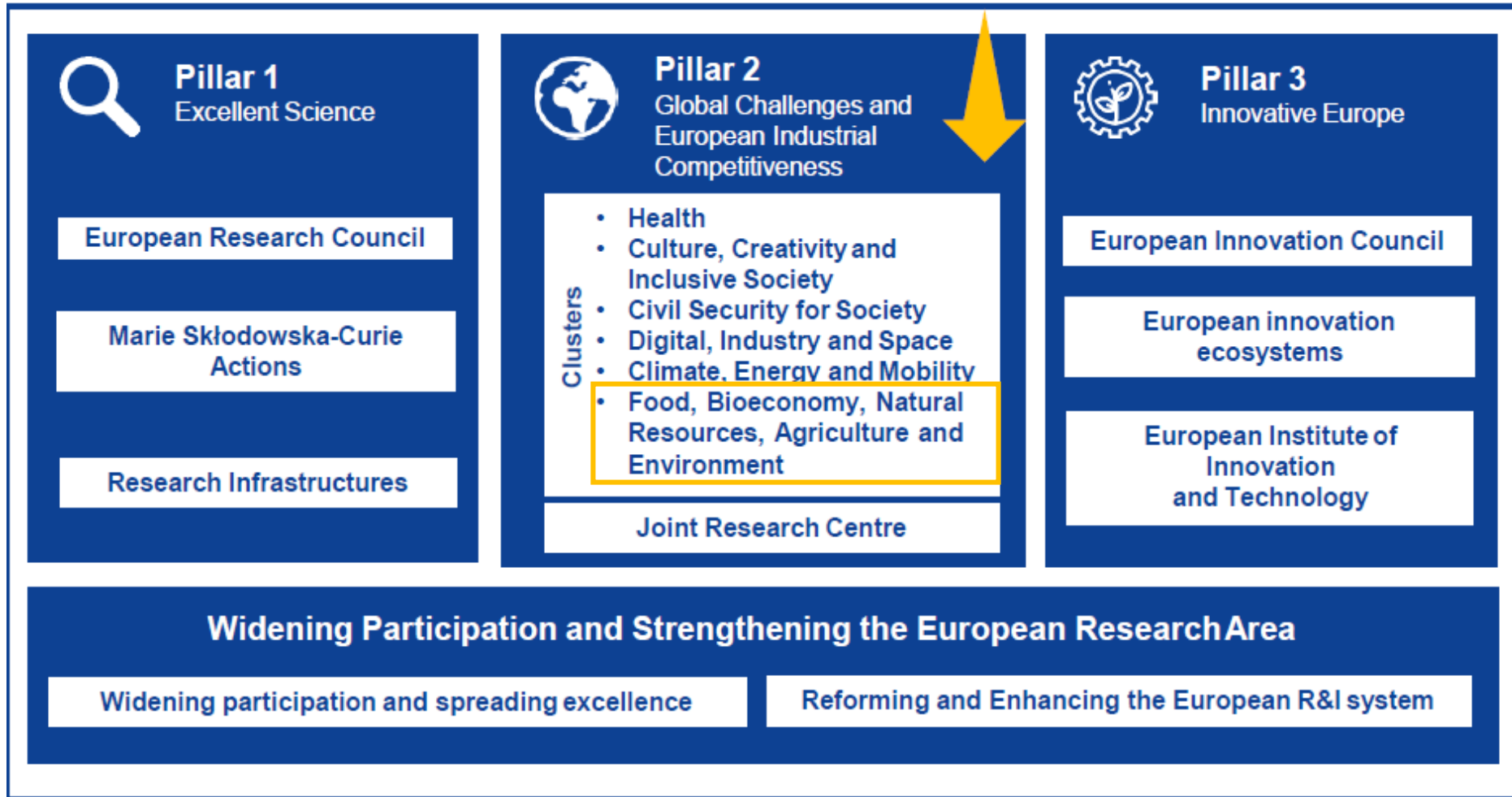


The current Bioeconomy positioning in EU (b)



Source:
JRC
(2022).
<https://publications.jrc.ec.europa.eu/repository/handle/JRC128740>

Horizon Europe (€ 95.5 Bln, 2021-27)



MISSIONS: Restore Ocean Waters by 2030; A soil deal for Europe; Adaptation to Climate Change

PARTNERSHIPS: biodiversity, agro-ecology & living-labs, agro-digitalization, water4all, animal health, sustainable food systems, sustainable blue economy, Circular Bio-based EU, etc

A Public-Private Partnership on Bio-Based Industries (2022-2027)



A €2 billion partnership between the European Union and the Bio-based Industries Consortium (BIC) that funds projects advancing competitive circular bio-based industries in Europe.

CBE JU's objectives

- Accelerate the innovation and development of bio-based solutions
- Accelerate market deployment existing and innovative bio-based solutions
- Ensure high environmental performance of bio-based solutions

https://www.kpk.gov.pl/wp-content/uploads/2022/06/cbeju-awp-2022-2_1.pdf

CBE JU is building on previous work and addressing its scope and addressing the remaining challenges of the bioeconomy.

- Strengthening the innovation and development of bio-based solutions
- Deploying innovative, circular bio-based production plants
- Addressing technological, regulatory & market challenges of the sector
- Strengthening the collaboration of all bioeconomy sectors and actors
- Engaging with more stakeholders along the value chains

Thank You!

<https://www.bbi.europa.eu/about/circular-bio-based-europe-joint-undertaking-cbe-ju>