

Bioeconomy - New perspectives for the primary production and rural areas

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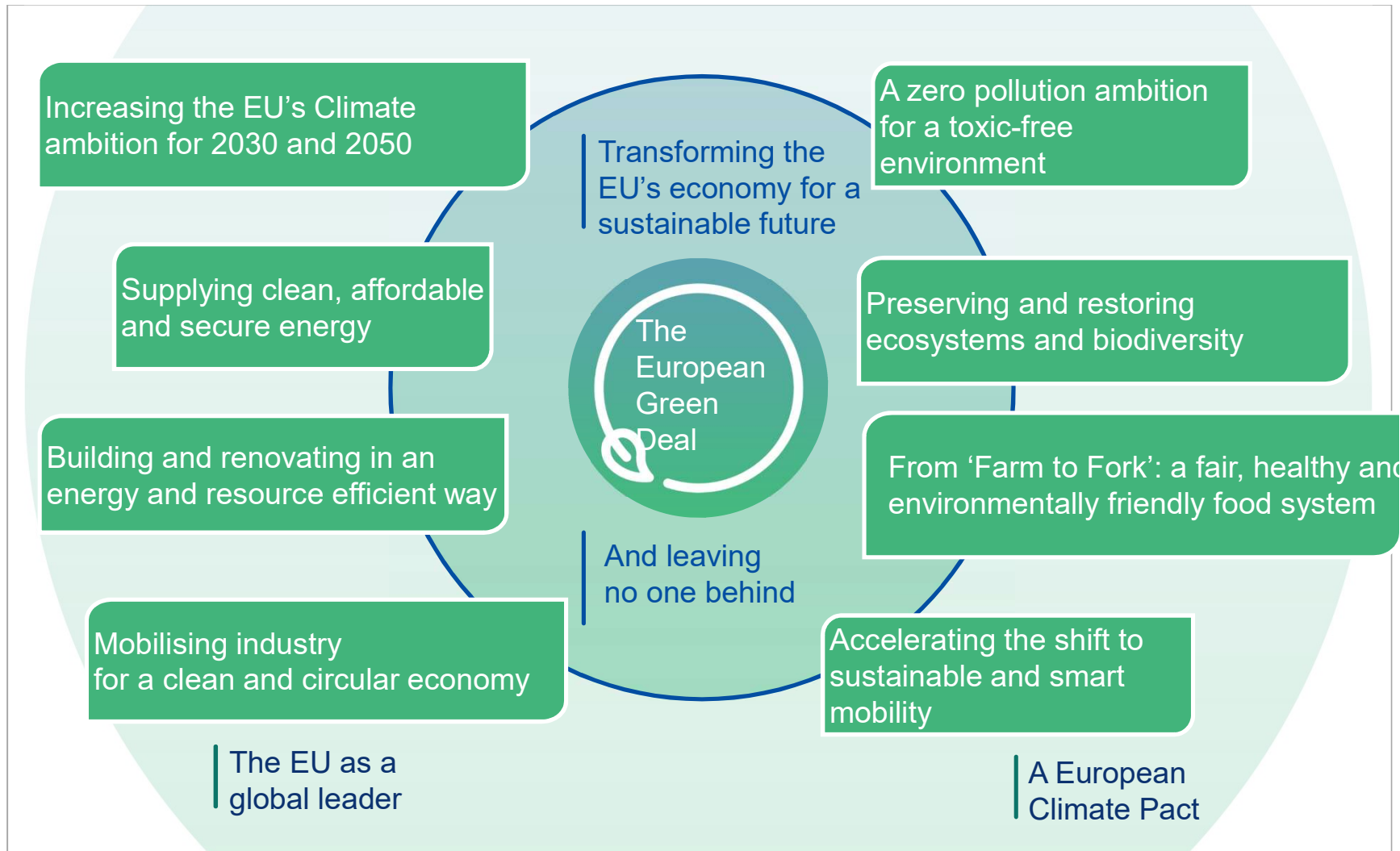




Content

- Political context and bioeconomy in the EU
- Future Common Agricultural Policy (CAP)
- Research and Innovation as key enablers
- Conclusion

The European Green Deal – new economic model for EU



Biorefinery Glas: Ireland's first grass-fed biorefinery



Munter: Added Value for Agriculture and Nature



Examples of EIP-AGRI Operational Groups

GO-ACBD: Biodegradable mulch films to reduce the plastic footprint in agriculture



...and many other inspiring examples:

<https://ec.europa.eu/eip/agriculture/en/find-connect/projects>

Agriplus: Renewable energy and recycling of fermentation residues



Hemp - from catch crop to textile



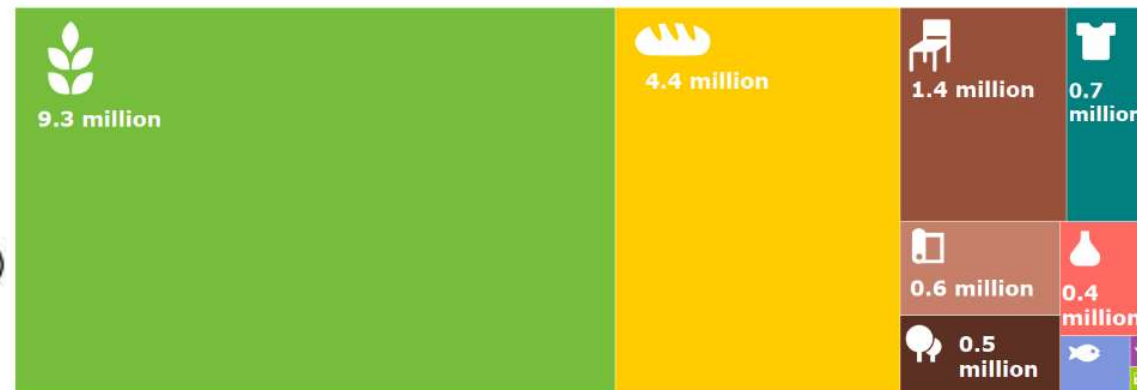
Bioeconomy in the EU

-  Agriculture
-  Forestry
-  Fishing and aquaculture
-  Manufacture of food and beverages and other agro-manufacturing
-  Manufacture of bio-based textiles
-  Manufacture of wood products and furniture
-  Manufacture of paper
-  Manufacture of bio-based chemicals, pharmaceuticals, plastics and rubber (excluding biofuels)
-  Manufacture of liquid biofuels
-  Production of bioelectricity

Turnover - EUR 2.2 trillion

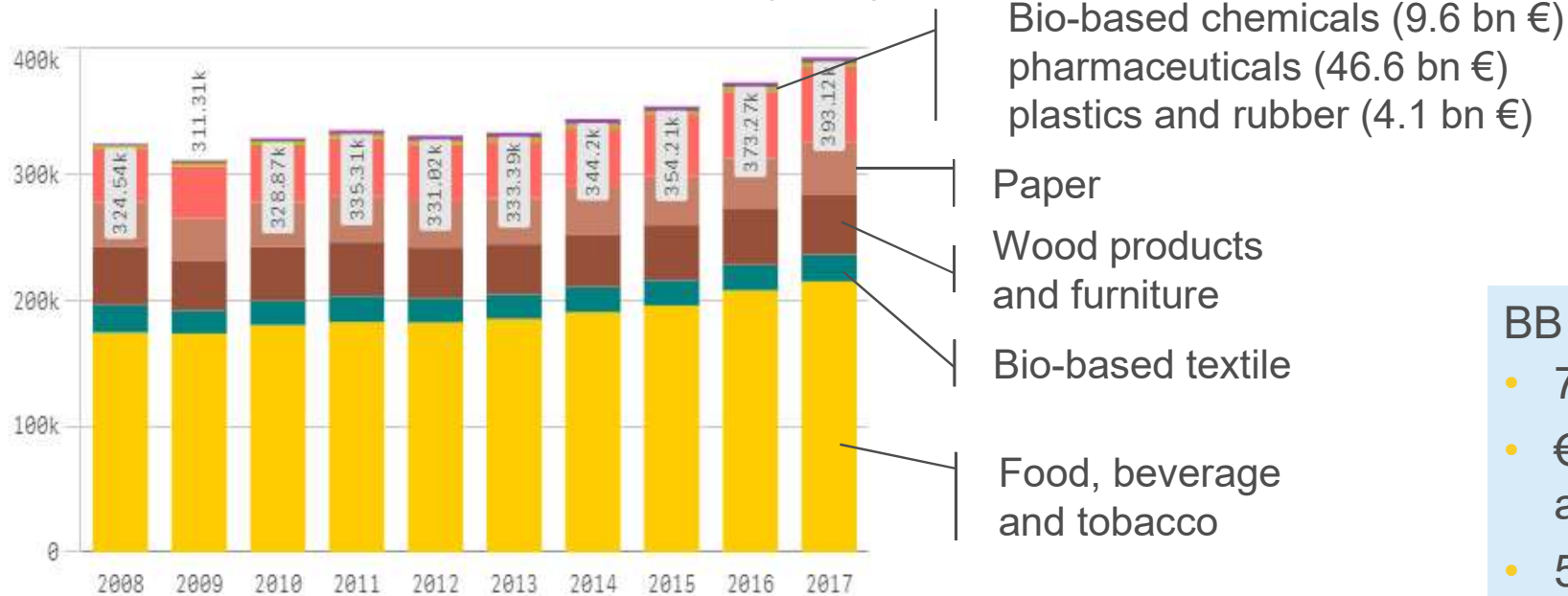


Jobs - 17.5 million people



Bio-based industries are becoming more important

Development of value added growth in the bio-based industries between 2008 and 2017 in EU27 (mio €)



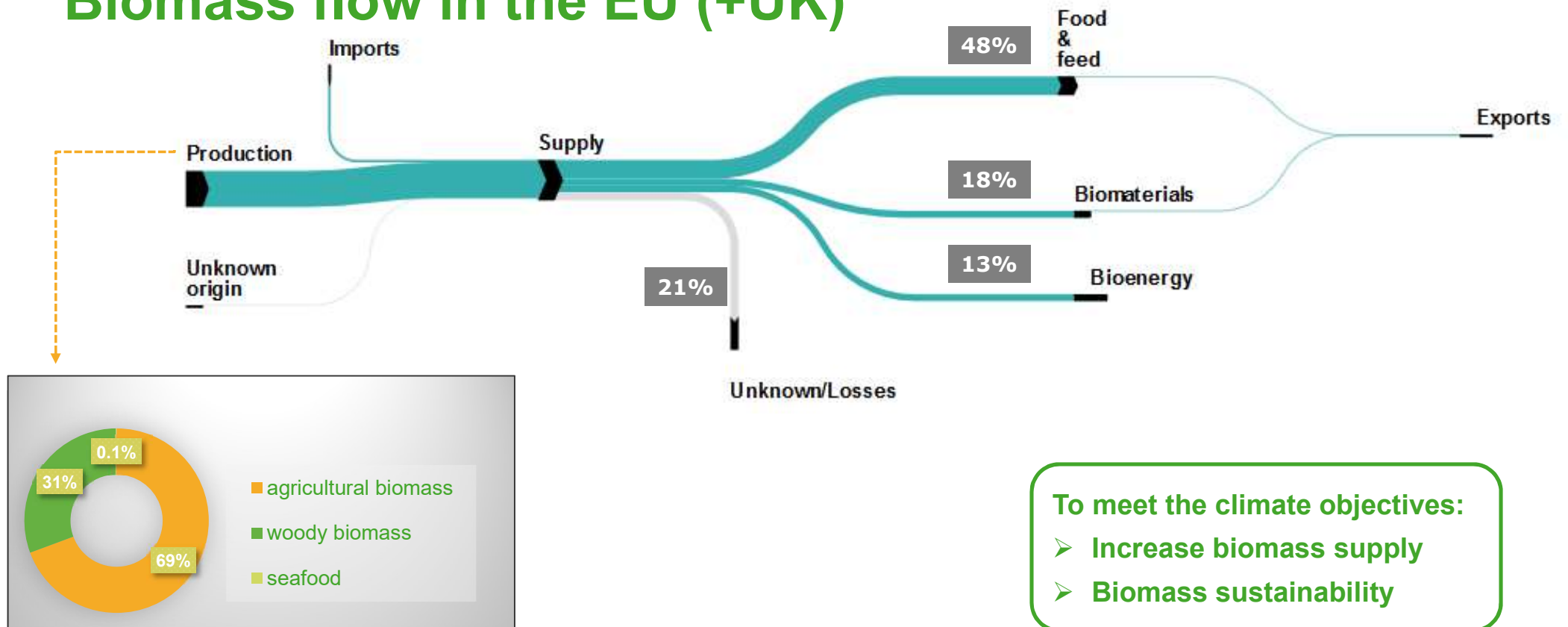
Source: <https://datam.jrc.ec.europa.eu/datam/mashup/BIOECONOMICS/>

BB industries in EU*

- 7.55 million workers
- € 393 billion of value added
- 5.3% growth from 2016 to 2017

*Construction and waste treatment are not accounted for

Biomass flow in the EU (+UK)

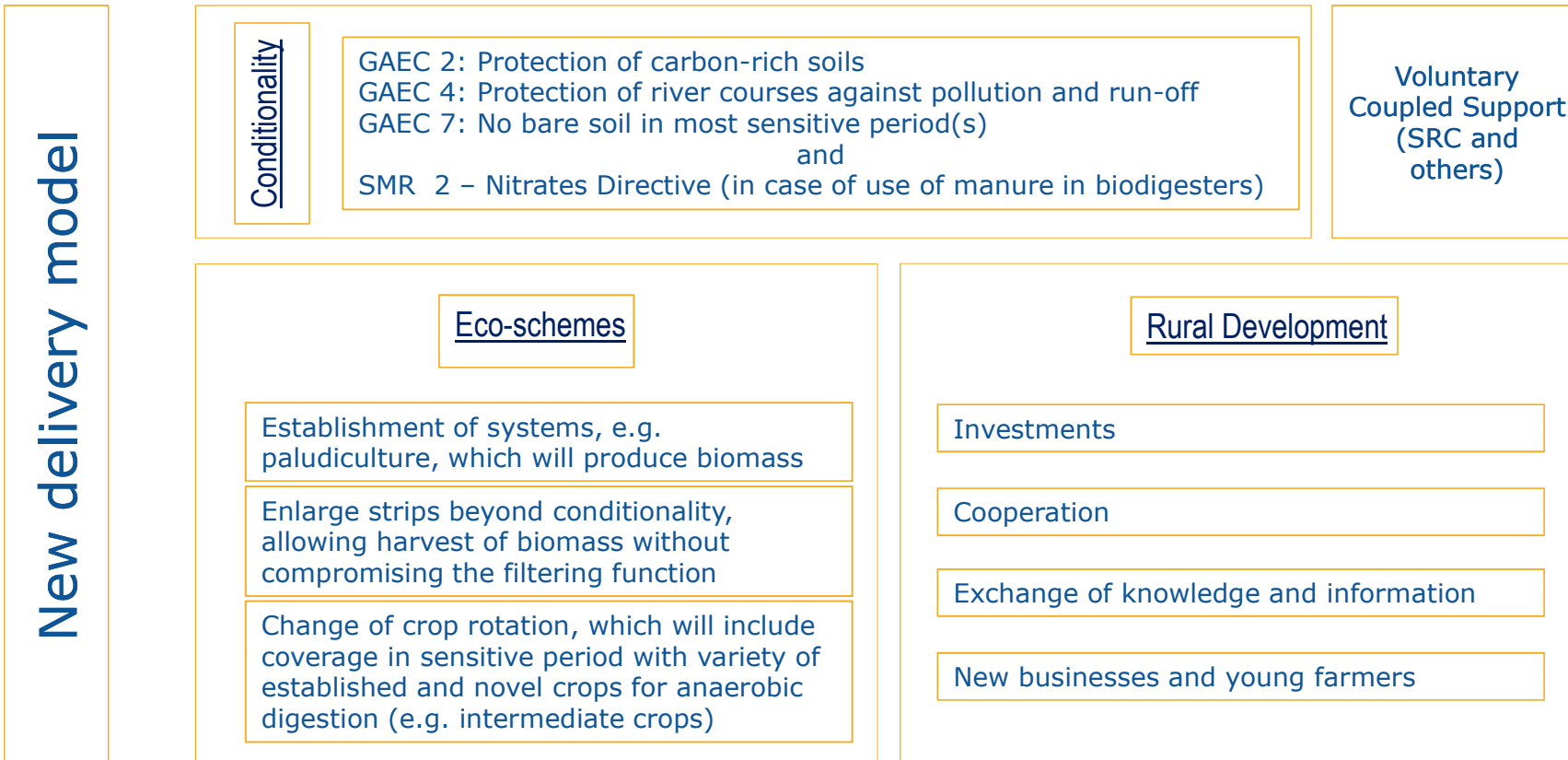


Future CAP common specific objectives





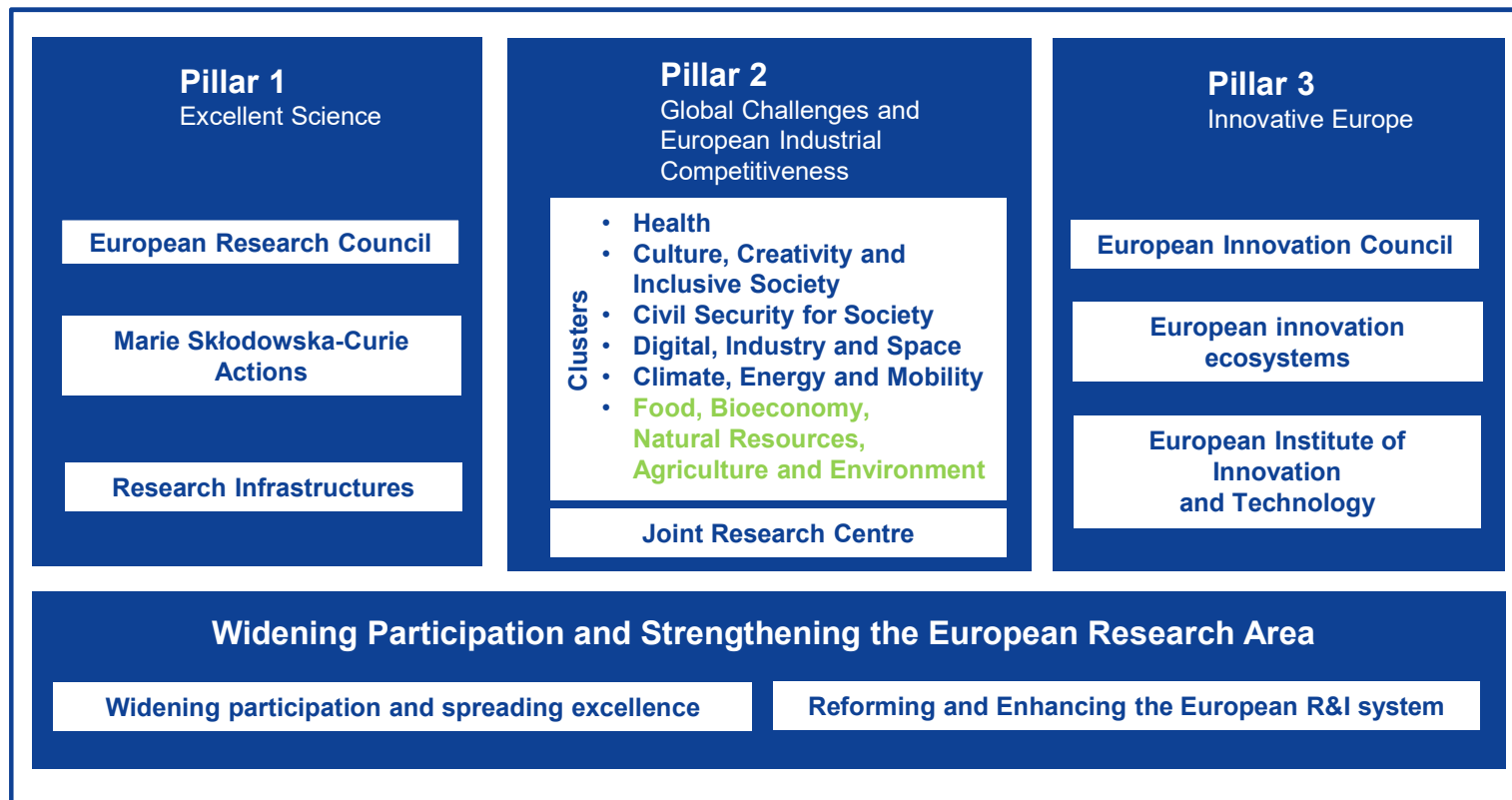
Opportunities in the national CAP plans



DISCLAIMER: Following examples is for illustrative scope and does not necessarily reflect the official opinion of the European Commission.

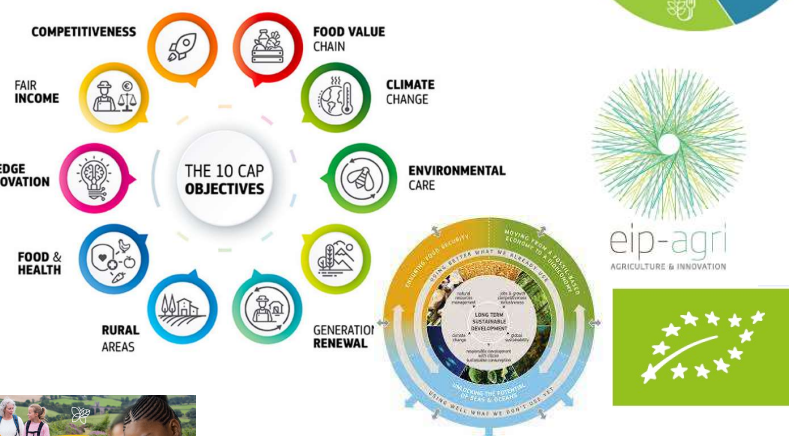


Horizon Europe



EUR 9 bn. for Cluster 6 “Food, Bioeconomy, Natural Resources, Agriculture and Environment”

Policies priorities translated in Horizon Europe Cluster 6



NEW EU FOREST STRATEGY FOR 2030



Cluster 6
Work Programme
2021-2022

Published soon!

Cluster 6
Work Programme
2023-2024



European R&I partnerships

2021

2023-2024

2025



Circular
Biobased
Europe



Agroecology living labs and
research infrastructures



Animals health and welfare



Agriculture of data



Safe and sustainable
food systems

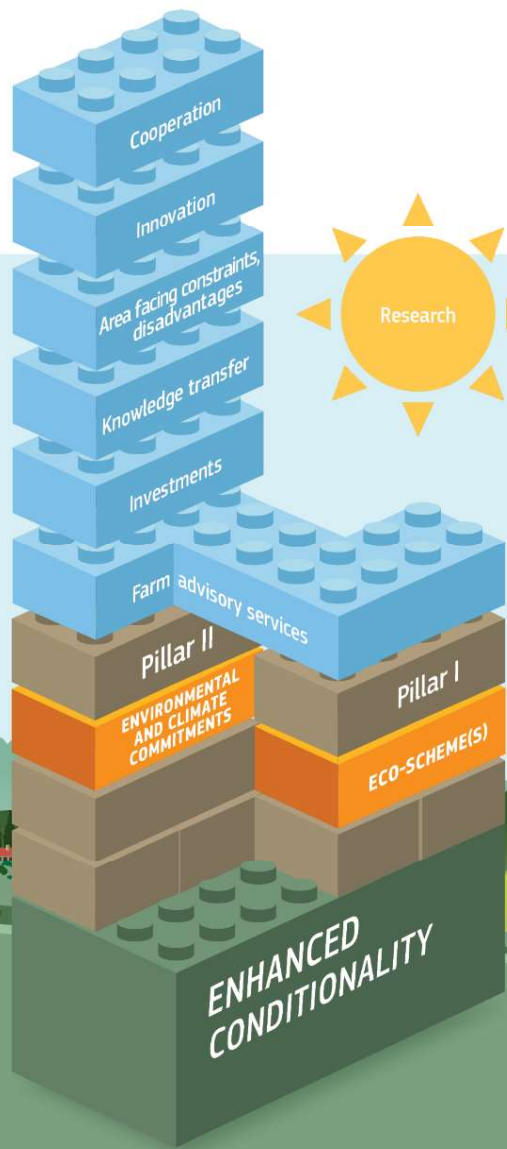


Forests and Forestry
for a Sustainable
Future



Conclusion

- The bioeconomy offers **great opportunities for agriculture, forestry and rural areas.**
- Many innovative **solutions already exist that should now be scaled-up and deployed at scale.**
- **Primary producers need to play a more central role** into the bioeconomy supply chain.
- An **adequate mix of funding possibilities (in particular CAP and Horizon Europe)** to be identified.



Thank you very much for your attention

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