

EU funding sources for innovation in the bioeconomy in 2021-27

Stefan Kah, EPRC, University of Strathclyde



25 October 2021

EU funding

EU (research & innovation) funding...

... can be broadly divided into funding that falls under

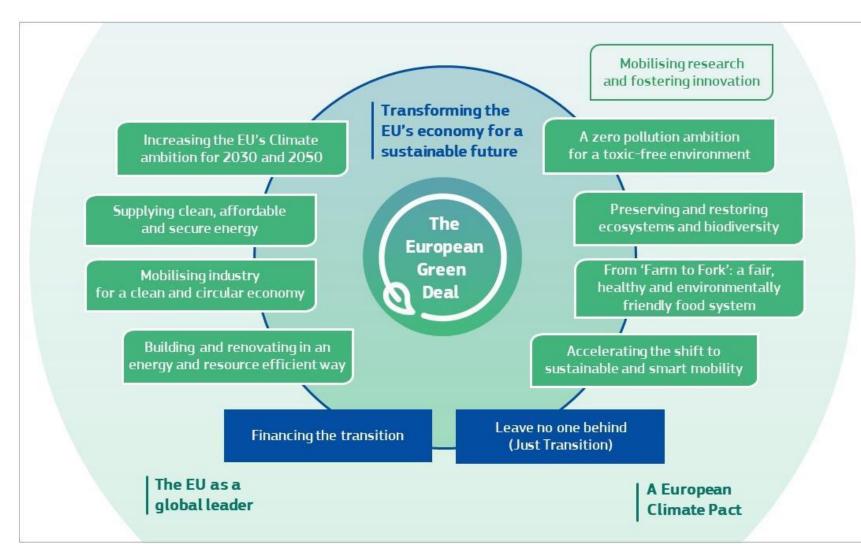
- **Direct management** by the European Commission through executive agencies (e.g. **Horizon Europe**)
- Shared management with the Member States (e.g. Rural Development Policy; Cohesion Policy)

(and indirect management...)

For overviews see:

<u>https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities_en</u> <u>https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls_en</u>

EU Green Deal



William Maria

"... European funds, including for rural development, will help rural areas to harness opportunities in the circular and **bio-economy**."

EU Green Deal

GREEN TRANSITION

- Cohesion policy
- Common agricultural policy
- Just Transition Fund
- Horizon Europe
- Recovery and Resilience Facility
- LIFE programme
- Connecting Europe Facility



Rural Development Policy (Common Agricultural Policy)

- R&D in rural development support
- Local Action Groups (LEADER/Fisheries)
- EIP-AGRI

Cohesion Policy

• R&D support and Seal of Excellence



Part ("second pillar") of the Common Agricultural Policy (CAP)

6 priorities

- knowledge transfer
- competitiveness of agriculture
- food chain organisation and risk management
- enhancing ecosystems
- shift toward a low-carbon and climate-resilient economy
- social inclusion, poverty reduction and economic development

Main source of funding: European Agricultural Fund for Rural Development (EAFRD) - €95.5 billion in 2021-27

EAFRD-funded bioeconomy projects

Tomato by-products in the Netherlands





<u>Biogas facility</u> in Sweden

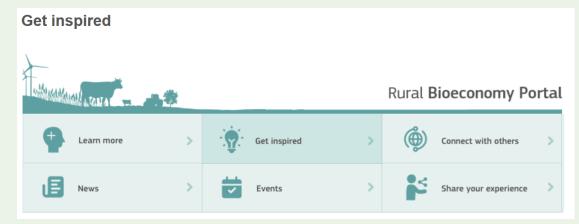


European Network for Rural Development (ENRD):

- Rural Bioeconomy Portal
- Thematic Group on bioeconomy
- Various guidance documents

LEADER

- Over 3000 "Local Action Groups" (incl. some Fisheries LAGs)
- Engage local stakeholders in the design and delivery of strategies





Producing and packaging biofuel (PELLET) from olive harvesting residues in Greece

European Innovation Partnership for Agricultural Productivity and Sustainability (<u>EIP-AGRI</u>)

- Interactive innovation: co-creation and diffusion of solutions that are ready to be implemented in practice
- Key tools are **Operational Groups (OGs)** and temporary Focus Groups (FGs)
- Over 2000 OGs have received EAFRD support
- Opportunity for bioeconomy: over <u>70 OGs</u> and <u>9 FGs</u> by 2020
- EIP-AGRI Service Point offers support to set up OGs and provides <u>extensive resources</u> on the bioeconomy



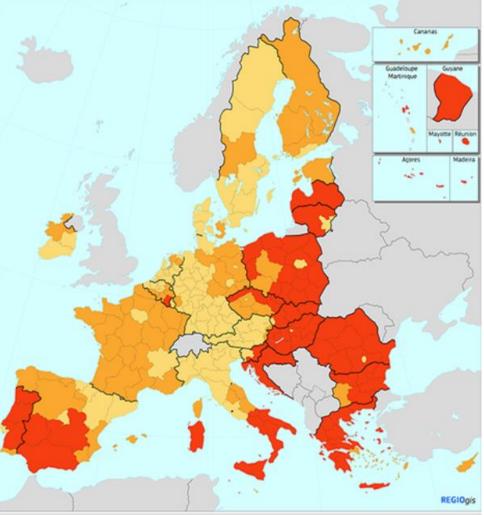
Cohesion Policy

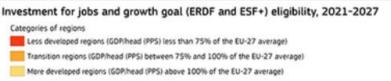
EU Cohesion Policy

- aims to correct imbalances between countries and regions
- delivers on the Union's political priorities, including green transition

€392 billion in 2021-27

- European Regional Development Fund (ERDF): social and economic development
- Cohesion Fund (CF): environment and transport in the less prosperous EU countries
- European Social Fund Plus (ESF+): jobs and socially inclusive society
- Just Transition Fund (JTF): transition towards climate neutrality







Strong focus on 2 of 5 Policy Objectives **"Smarter Europe**" and **"Greener Europe**" in 2021-27 R&D support typically provided to for **infrastructural measures** (ERDF, CF) or to enhance **capacities** (ESF) – providing the ground and potential for Horizon Europe

2021-27 programmes in Member States still under development, but <u>European Commission</u> <u>recommendations</u> to **use the funding also in the field of bioeconomy**, e.g.:

- develop alternatives to raw materials and use recycled materials as raw materials (BG, LV)
- capacity-building for all stakeholders involved in the transition to circular economy (e.g. RO)
- improve the knowledge base on the circular economy (e.g. BG)

Cohesion Policy as potential source for the <u>Seal of Excellence</u>, which allows using alternative funding for unsuccessful Horizon Europe proposals



Find more information about the project at *https://be-rural.eu/*

Thank you for your attention

stefan.kah@strath.ac.uk









SILAVA





BIOCOM.





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 818478