



G20 OECD-BNCT WORKSHOP
Bioeconomy in the OECD countries
Presidency of Council of Ministers
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Deployment of bioeconomies across Europe

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European Green Deal: Commission proposes transformation of EU economy and society to meet climate ambitions

- ❖ **Commission President, Ursula von der Leyen:**
“The fossil fuel economy has reached its limits!”
- ❖ The “Fit 4 55” package includes a comprehensive and interconnected set of proposals, among others:
- ❖ tools to **preserve and grow our natural carbon sinks** (LULUCF)
- ❖ **The new EU Forest Strategy** supports foresters and the forest-based bioeconomy while keeping harvesting and biomass use sustainable, preserving biodiversity



The **sustainable and circular bioeconomy** plays an important role in this framework

The EU's 2018 Bioeconomy Strategy

Definition: The bioeconomy covers all sectors and systems that rely on renewable biological resources, it includes and interlinks land and marine ecosystems **and the services** they provide.

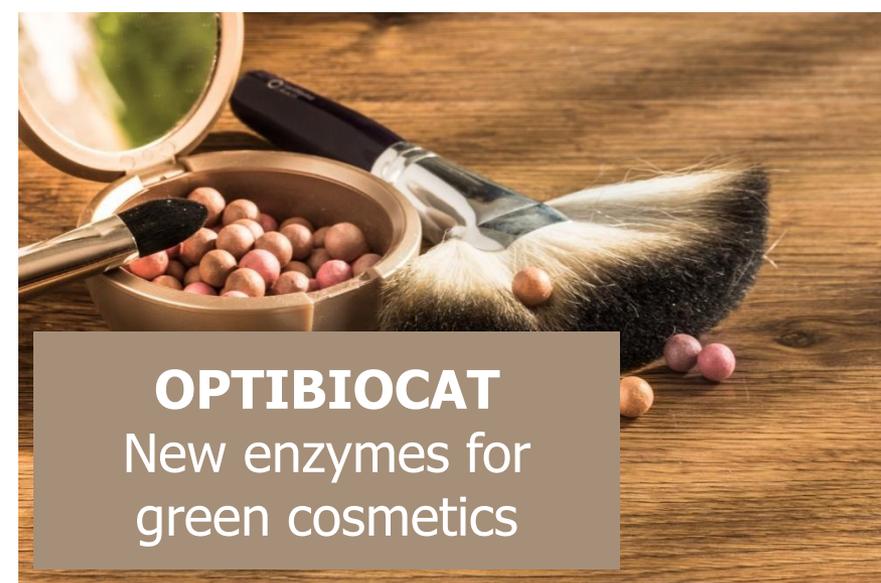
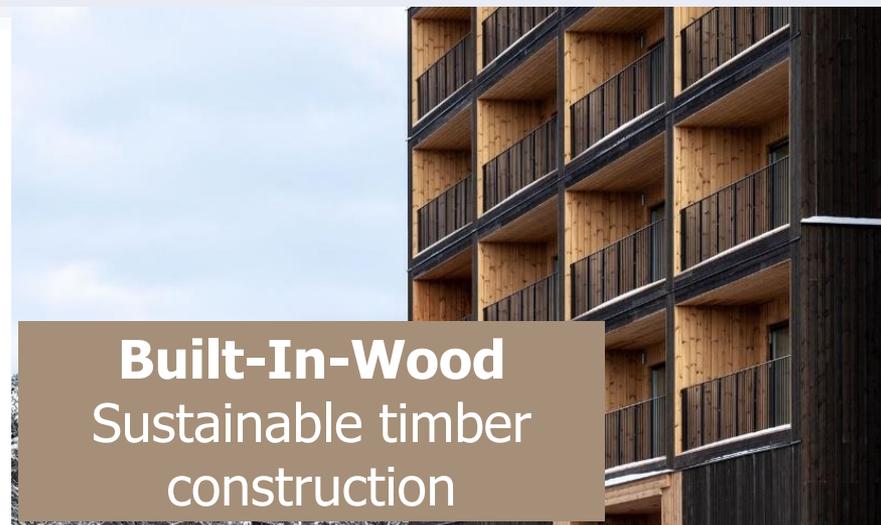
Significant role for **research and innovation - Horizon Europe.**

To be successful it needs to have sustainability and circularity at its heart

Sustainable and circular Bioeconomy = Green Growth



Examples of Bioeconomy innovation in action



The EU Bioeconomy Strategy and Action Plan

- System-wide approach
- More than research & innovation
- Strengthen bio-based sectors, unlock investments
- Deploy bioeconomies across Europe
- Policies across sectors, addressing trade-offs (ecological boundaries), co-benefits
- Delivering for the citizens, in particular in rural areas
- A set of 14 well-defined actions including a monitoring system



Bioeconomy in Europe

- 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



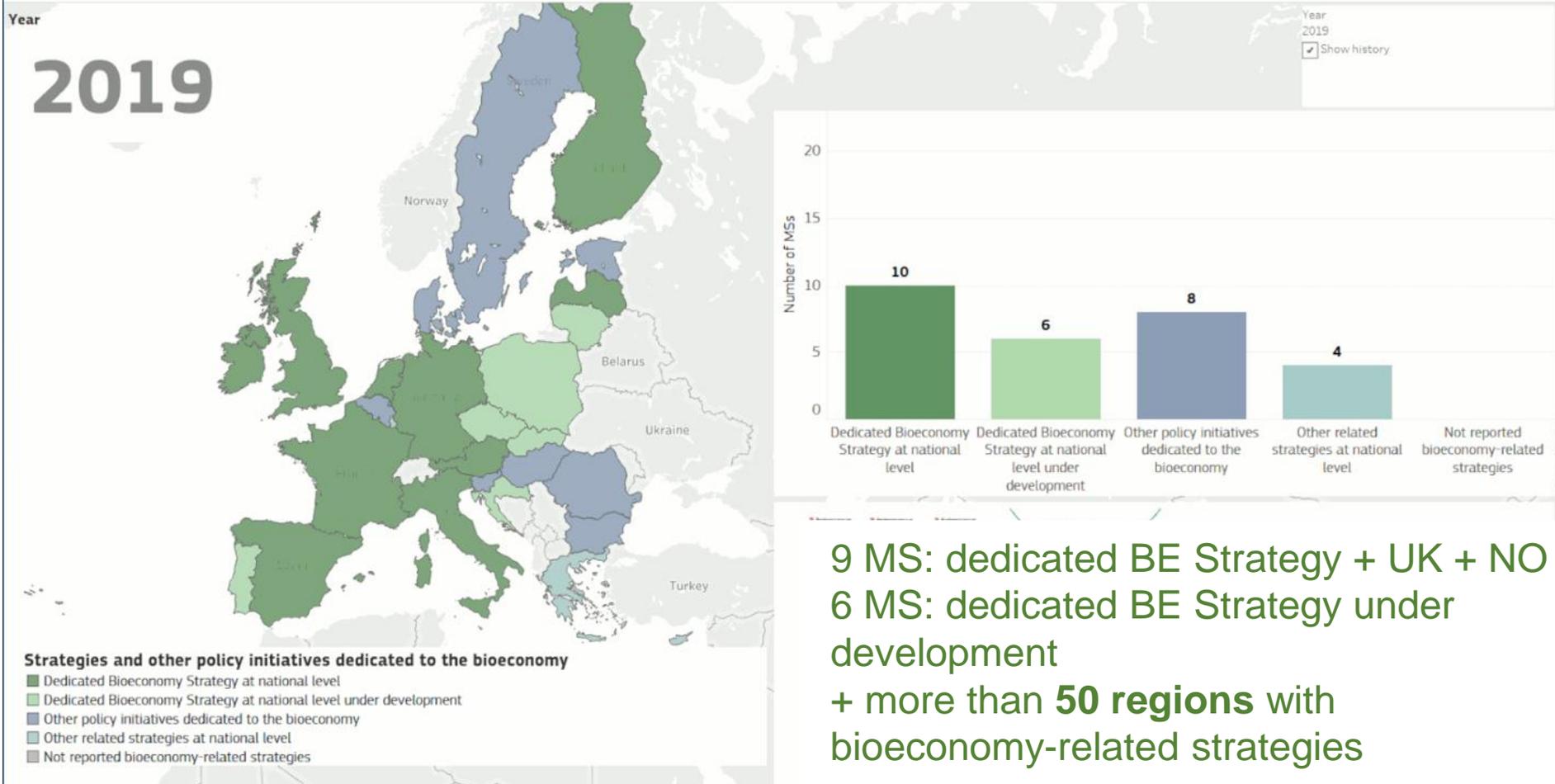
Jobs - 17.5 million people



JRC, 2017 - https://ec.europa.eu/jrc/sites/jrcsh/files/kcb_brief_bioeconomic_s_2008-2017.pdf

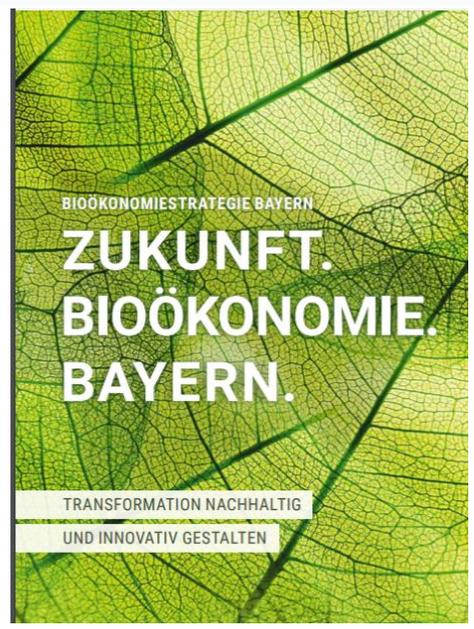
National Bioeconomy Strategies

Evolution of the strategies and other policy initiatives dedicated to the bioeconomy

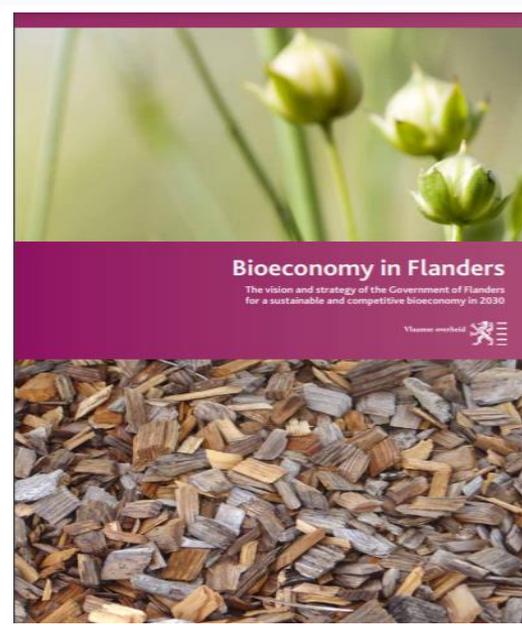


9 MS: dedicated BE Strategy + UK + NO
 6 MS: dedicated BE Strategy under development
 + more than **50 regions** with bioeconomy-related strategies

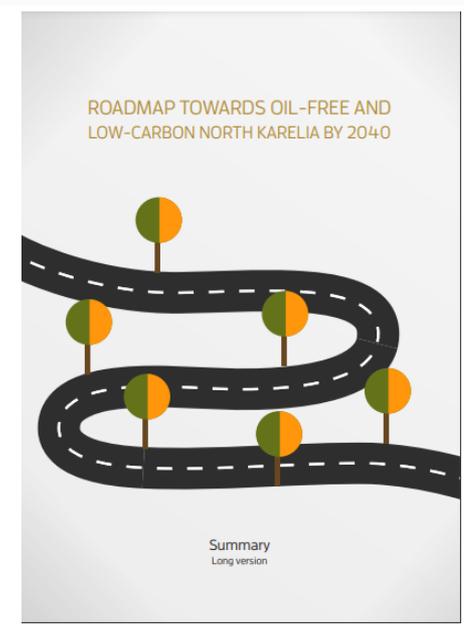
Regional Bioeconomy Strategies



Bayern Bioeconomy Strategy



Flanders Bioeconomy Strategy



North Karelia 2040 Strategy



European Forest Institute - Bioregions Facility
The Bioregions Facility promotes Trans-regional cooperation for a sustainable and integrative forest-based circular bioeconomy.



How do we support further deployment of bioeconomy strategies and policies within the EU?

1) European Bioeconomy Policy Forum



- **Knowledge-exchange** and **policy dialogue forum** for EU Member States (MS) on strategic **bioeconomy policy** issues
- 5 objectives:
 - Support networking and interaction between Member States
 - Enhance cooperation and best practice exchange
 - Shape a concrete agenda of joint actions
 - Increase the visibility/ potential of the bioeconomy
 - Enable policy feedback and analysis
- Structure: strategic/political level (**High-level Group**) and operational/working level (**Expert-Level Group**).



2) The Bioeconomy Policy Support Facility - a Mutual Learning Exercise



- Objective: **Support the Member States in the development of their own dedicated national bioeconomy strategy/action plans**
- Governance: Carried out as a Mutual Learning Exercise (MLE) with the aim of **identifying and sharing best practice** by involved Member States (19 MS)
 - Process steered by independent experts
 - Workshops addressing specific objectives (e.g. encouraging inter-ministerial cooperation and stakeholder engagement, funding of bioeconomy development etc.)
- Deliverables: Final report containing 10 key policy messages and recommendations for the development of national (or regional) sustainable and circular bioeconomies, soon to be published

In conclusion:
a knowledge-based, sustainable and
circular bioeconomy = a model for
green growth!

Thank you for your attention!

Links related to the EU's Bioeconomy Policy:
<https://ec.europa.eu/research/bioeconomy/>