



European  
Commission

# Typology of projects and investment needs for supporting the Bioeconomy

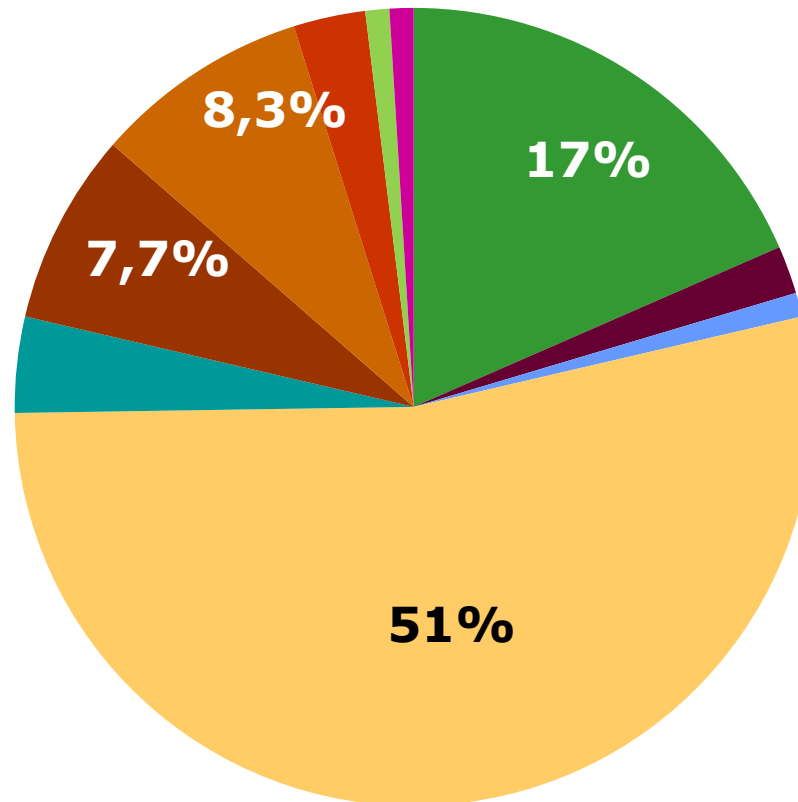
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## Bioeconomy sector in the EU:

(2 trillion euro turnover, employs more than 18M people)

### Turnover in the EU-28 by the Bioeconomy sector In percentage of value (2015)

- Agriculture
- Forestry
- Fisheries & aquaculture
- Food, beverage & tobacco industry
- Bio-based textiles
- Manufacturing of wood & wood furniture
- Manufacturing of paper & paper products
- Bio-based chemicals, pharmaceuticals & plastics
- Biofuels
- Bio-based electricity



## CORK 2.0 DECLARATION 2016



- "A Better Life in Rural Areas"
- Convinced:
- "of the value of rural resources capable of delivering sustainable solutions to current and future societal challenges that concern all citizens of the Union such as assuring a safe and sustainable provision of quality food, developing the circular economy, **broadening the bio-economy**, fostering resource efficiency, combating climate change and reducing the reliance on fossil fuels "



# Importance of the Bioeconomy for the CAP post-2020 recognised by policy makers:

- Revised EU Bioeconomy Strategy and Action Plan;
- Commission Communication "The Future of Food and Farming";
- Commission CAP post-2020 proposals - the Bioeconomy is in one of the 9 specific objectives, namely *"Promote employment, growth, social inclusion and local development in rural areas, including bio-economy and sustainable forestry"*.



# Opportunities to support the Bioeconomy under CAP post-2020

- ***Bioeconomy in the New CAP objectives-***
  - Need to link future CAP Strategic plans and National Bioeconomy Strategies;
  - VCS for industrial crops important for the Bioeconomy.
- ***New CAP delivery model:***
  - More flexibility and discretion for MSs to design and implement interventions in the New CAP Strategic Plans;
  - The role of the Commission to disseminate **best practices** - Commission workshop in September 2018 as a first step.



## **Typology of BE projects**

- ***Small scale business cases – individual projects;***
- ***Medium and large scale business cases-supporting private BE infrastructure;***
- ***Integrated projects: private and public stakeholders.***



# **Typology of BE projects**

## ***Examples of efficient small scale circular models of bio refining***

- ***Suitable for perishable crops sugar beet, corn, grass;***
- ***Financial needs are much larger - explore the role of possible support by FIs.***



# Typology of BE projects

## *Examples of Medium scale business cases- supporting private BE infrastructure*

- **Integrated Biomass Trade and Logistics Centres:** vertical integration with substantial economic benefits for primary producers, rural/mountain areas;
- **Financial needs vary from EUR 120,000 to several million euro** depending on the type of investment;
- **Explore matching grants with FIs.**





# Typology of BE projects

## *Examples of large scale business cases-supporting private BE infrastructure*

- Large scale integrated bio-refineries managed by a cooperative of primary producers;
- Financial needs are much larger - explore the role of possible support by FIs.



# Typology of BE projects

## *Integrated projects: private and public stakeholders*

- *Such projects involve a variety of partners at local level such as local municipalities, local SMEs or micro-enterprises, primary producers, in some cases R&I bodies;*
- *Investment needs are variable depending on the project.*



# **Next Planned action in 2019 for supporting the Bioeconomy in the CAP post-2020 context**

**Commission workshop on “Role of cooperatives and cooperation structures in the mainstreaming of the Bioeconomy” to take place in June 2019.**



# **Opportunities for supporting the Bioeconomy in the CAP Strategic Plans**

## **Intervention logic in the CAP Strategic plans:**

- ❑ Role of cooperatives/ cooperation structures of primary producer in mainstreaming the BE and integrating them into the BE value chains;**
- ❑ Promote circular and sustainable BE solutions;**
- ❑ Identify an adequate mix of funding options under CAP, other ESIFs, including FIs.**

# Thank you for your attention!





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**Mr Frank Lee**, European Investment Bank

**Mr Galin Gentchev**, European Commission, Directorate-General for Agriculture and Rural Development (DG AGRI)

Moderator: **Mr Bruno Robino**, Head of *fi-compass*, European Investment Bank

## Discussion and Q&A



financial instruments capacity building Farming  
 Rural development funding agreement EU guidance  
 added value technical support co-financing ex-ante assessment final recipients  
 seminars governance financial intermediaries investments  
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