



POWER4BIO
REGIONS FOR
BIOECONOMY



Bioeconomy in Hungary, 3-5.03.2021

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FOR BOOSTING THE REGIONAL BIOECONOMY IN CEEC

This project has received funding from the European
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Horizon 2020 research and innovation programme
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What BIOEAST countries need to use their bioeconomy potential



- Stable and supportive EU legislation
- National level strategies and legislation
- Strong research and innovation background
- Sustainable investment options for bio-refineries



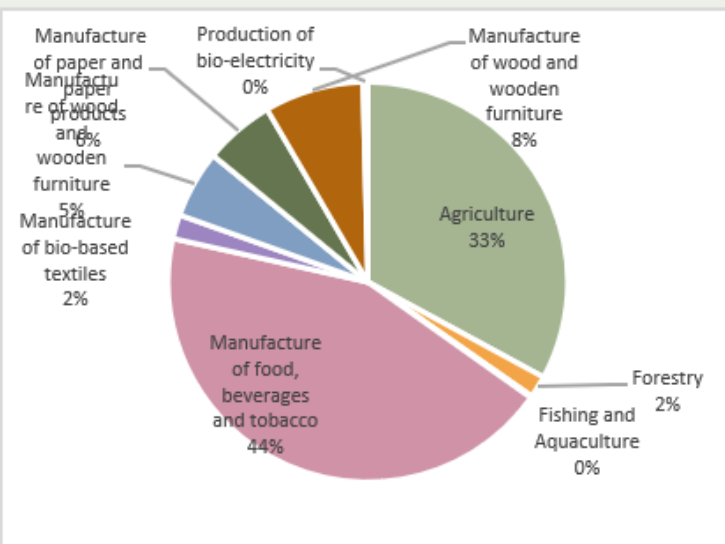
Who are the relevant stakeholders in bioeconomy?



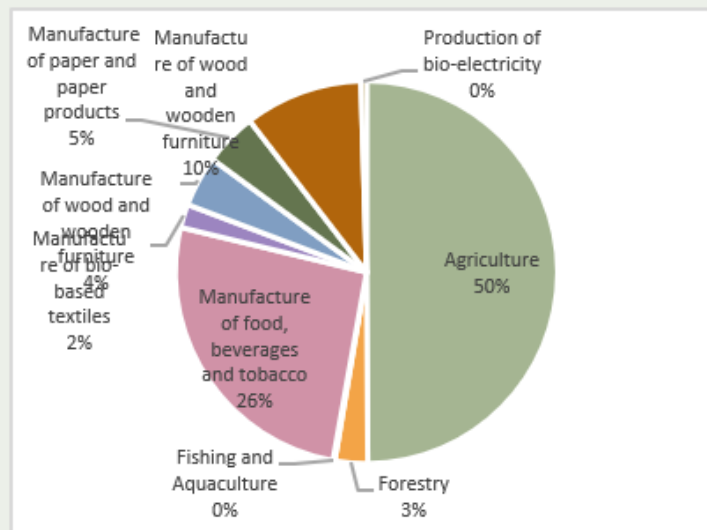
Ministry of Agriculture	Initiator on bioeconomy, BIOEAST	
National RDI Office	Hungarian National Institute for Research and Development	
Ministry	Hungarian Agricultural and Life Science University	New flagship of agricultural knowledge center, joining four university campuses and the major research institute (NAIK)
Ministry	Research Institute of Agricultural Economics (AKI)	First supporter of BIOEAST. Power4bio project.
Ministry	Hungarian Academy of Sciences	highlighting: Research Institute on Soil (TAKI) / EJP Soil
Ministry Office	Bay Zoltán Nonprofit Ltd. for Applied Research (BZN)	Institute of Ministry of Innovation and Technology. Power4bio project. National cluster building
	Chamber of Agriculture	RDI working group, rural advisory system, national cluster building
	Other universities	
	Other institutes (e.g. OMKI)	

How relevant is bioeconomy for Hungary?

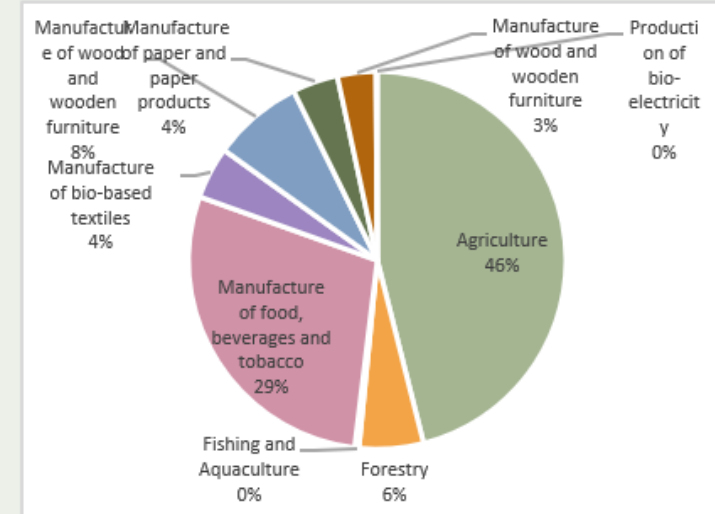
Turnover in 2017 in percent of total bioeconomy



Value added in 2017 in percent of total bioeconomy



Persons employed in 2017 in percent of total bioeconomy



- Hungarian bioeconomy is estimated to 374,000 employees that generate 29,86 B€ turnover and 9 B€ value added (2017)
 - turnover per person employed: ~ 79.7 k€ (EU average: 125 k€)
 - value added per person employed: ~ 24.2 k€ (EU average: 34 k€)

Objectives of the Hungarian bioeconomy strategy



1. Protection of the environment, nature and climate

- Preservation and strengthening of biomass production potential
- Natural resources: soil protection, conservation of biodiversity
- Development of biomass monitoring

2. Adding value while providing food supply

- Safe food systems
- Utilization of forestry raw materials
- Industrial and energy use of biomass

3. Social sustainability

- Development of research and innovation
- Attitude formation (strengthening consumer and producer responsibility)

CAP Strategic Plan planning of Hungary

Preparation for CAP SP

Sectoral analysis
SWOT for the 10
specific and
horizontal objectives
Intervention logic
Need assessment

Finalizing the CAP SP

Ex-ante analyses
**Developing the measure
templates**
Indicator plan
Financial plan
Institutional plan
Communication
(2021.06-ig)

Accepting CAP SP

Government decisions
(2021.06-09)
CAP SP official hand over
to the Commission
(2021.09-12)
Discussion of CAP SP with
the Commission
Preparing for
implementation

Possible linking of circular economy and bioeconomy strategies?

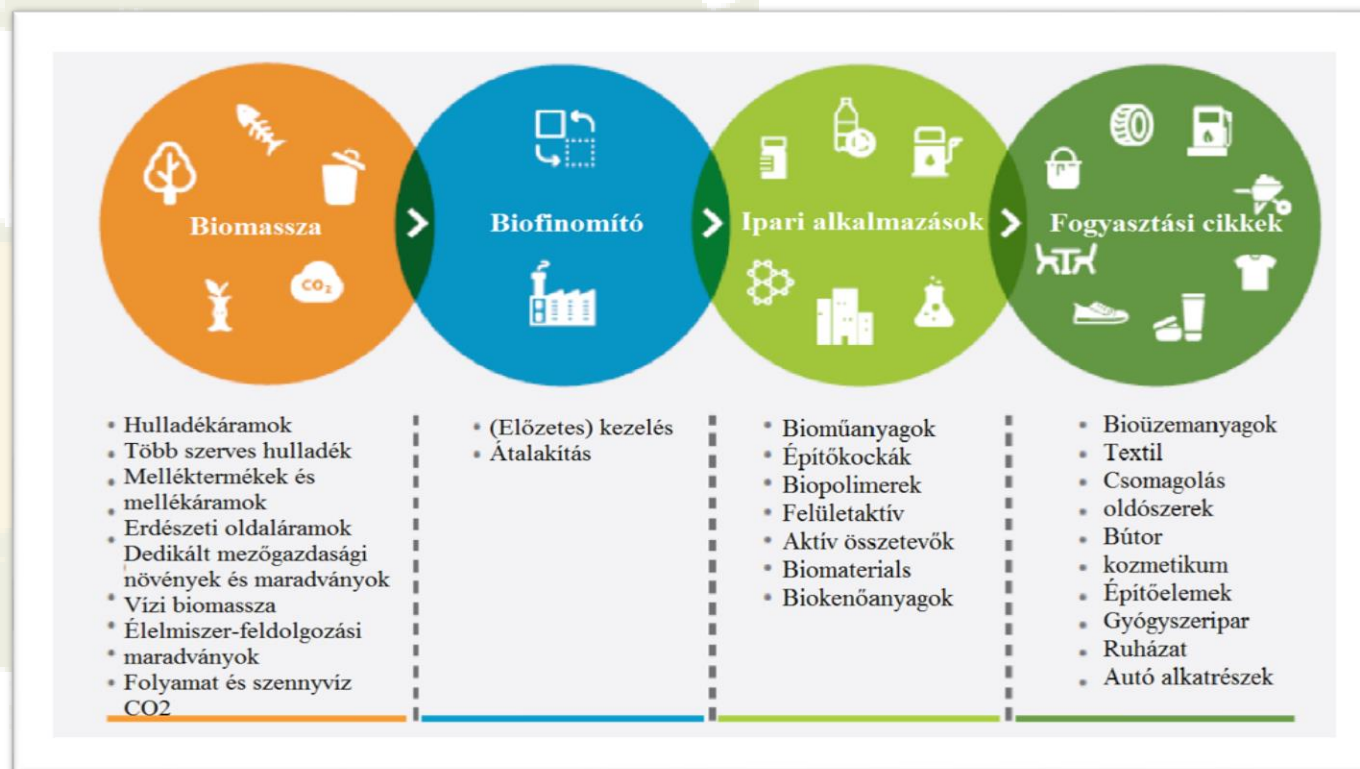
Common goals:

- Added value creation of biomass waste
- Reduction and management of non - biomass agricultural waste

Important:

- Agricultural by-products are typically not waste!

BioEAST initiative is helping



Thank you for your attention!



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