Governmental engagement in the development of the bio-based economy

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Biomass situation

• Biomass has the greatest significance among renewable energy sources,
• Forestry sector is the main biomass supplier and going to keep its dominance until 2020,
• Significance of the agricultural and waste sector will increase rapidly to 2020,
• Lack of available biomass related data in Hungary and in the Central and Eastern European region,

In order to achieve further progress in sustainable growth of agriculture in the bioeconomy we have to shift the emphasis to research, innovation and transnational cooperation for knowledge-based development!
Objectives

• Increase the Central Eastern European (CEE) involvement in agricultural and bioeconomy activity,

• Initiate cooperation: build a multi-stakeholder network in the CEE/V4 macro-region to facilitate joint actions,

• Development of national research and innovation strategy in the field of agriculture in the bioeconomy,

• Development common CEE vision (goals) in research and innovation in the field of agriculture in the bioeconomy.
We need to...

- Provide evidence base: establish data driven support for implementation of policies,
- Focus on research: map specific challenges for a Strategic Research Area,
- Develop synergies: promote regional, national, EU and international funding opportunities,
- Increase visibility: draw attention to specific challenges of the CEE macro-region.
What have we done?

• National lobbying: governmental
• International lobbying: COM (SCAR, PC), EP, Council, V4
• Involvement of stakeholders (farmers, researchers..) in identifying agricultural research themes that are common in the macro-region (CEE/V4),
• 6 workshops organised in the last year (FM, AKI, NAK cooperation),
• Identified the main research and innovation themes/topics in the field of agriculture in the bioeconomy,
• Building of the national agricultural innovation network (+EIP)
• → BIOEAST Initiative (Central Eastern European Initiative for Knowledgebased Agriculture in the Bioeconomy) 13 topics have been identified!
BIOEAST topics and Danube Region Strategy priorities are inter-linked

Topic 1. Sustainable intensification by maintaining soil conditions and improving water management

Topic 2. Sustainable extensification through ecosystem services and by maintaining biodiversity

Topic 3. Organic farming is lagging behind in terms of production technology and consumer perception

Topic 4. The reduction of dependence on non-renewable energy sources

Topic 5. Increasing the value added use of agricultural – and forestry biomass

Topic 8. Motivating knowledge-based modern farming and cooperation among farmers

PA02 Energy
PA04 Water Quality
PA05 Environmental risks
PA06 Biodiversity, landscape, quality of air and soils
PA07 Knowledge Society
PA08 Competitiveness
PA10 Institutional capacity and cooperation
Thank you for your attention!