



Overview of state of play on bioeconomy in Estonia

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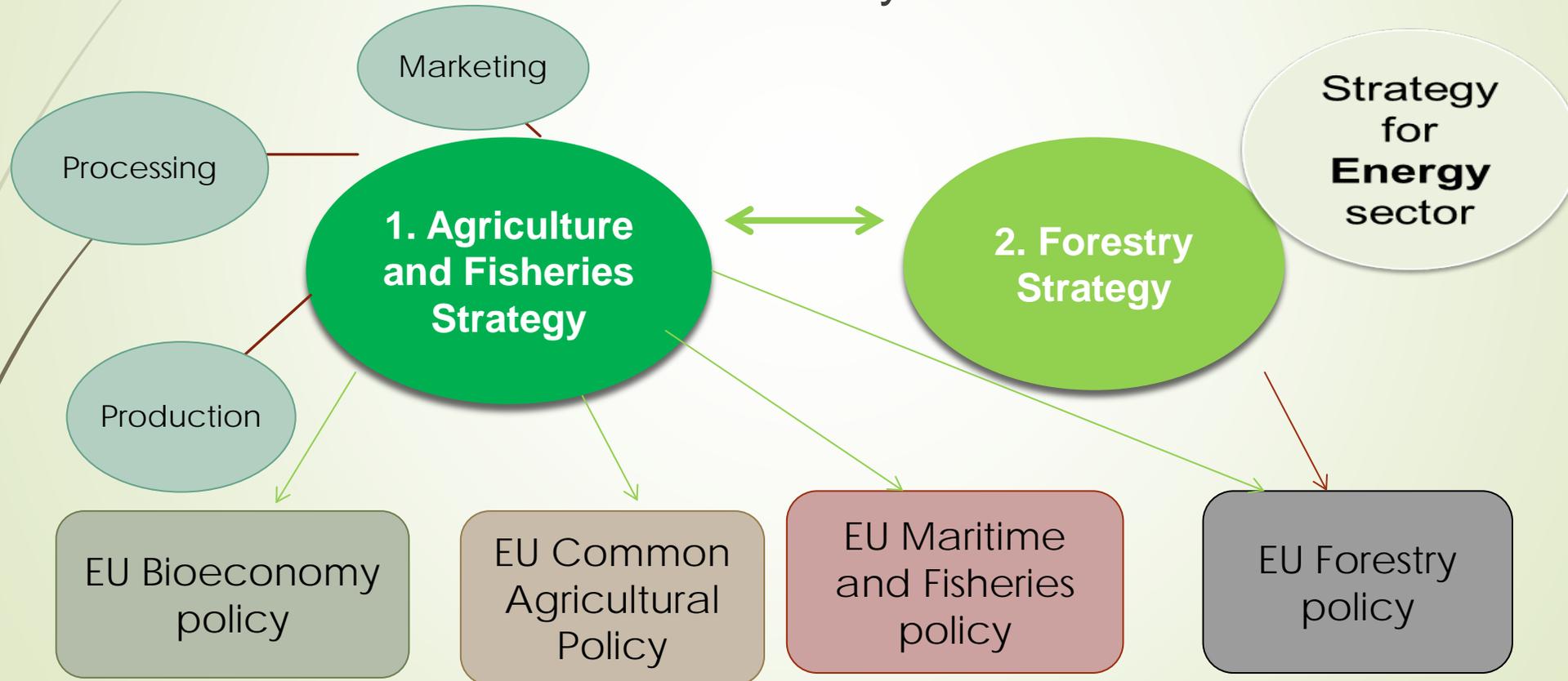
Workshops

“Facilitating development of bioeconomy policy – needs and gaps” Brussels, 3rd May, 2019 and

“Supporting the development of national bioeconomy strategies” Brussels 14th June 2019

What is currently available for a bioeconomy strategy ?

Estonia is in the process of devising **three** major strategic documents related to bioeconomy:

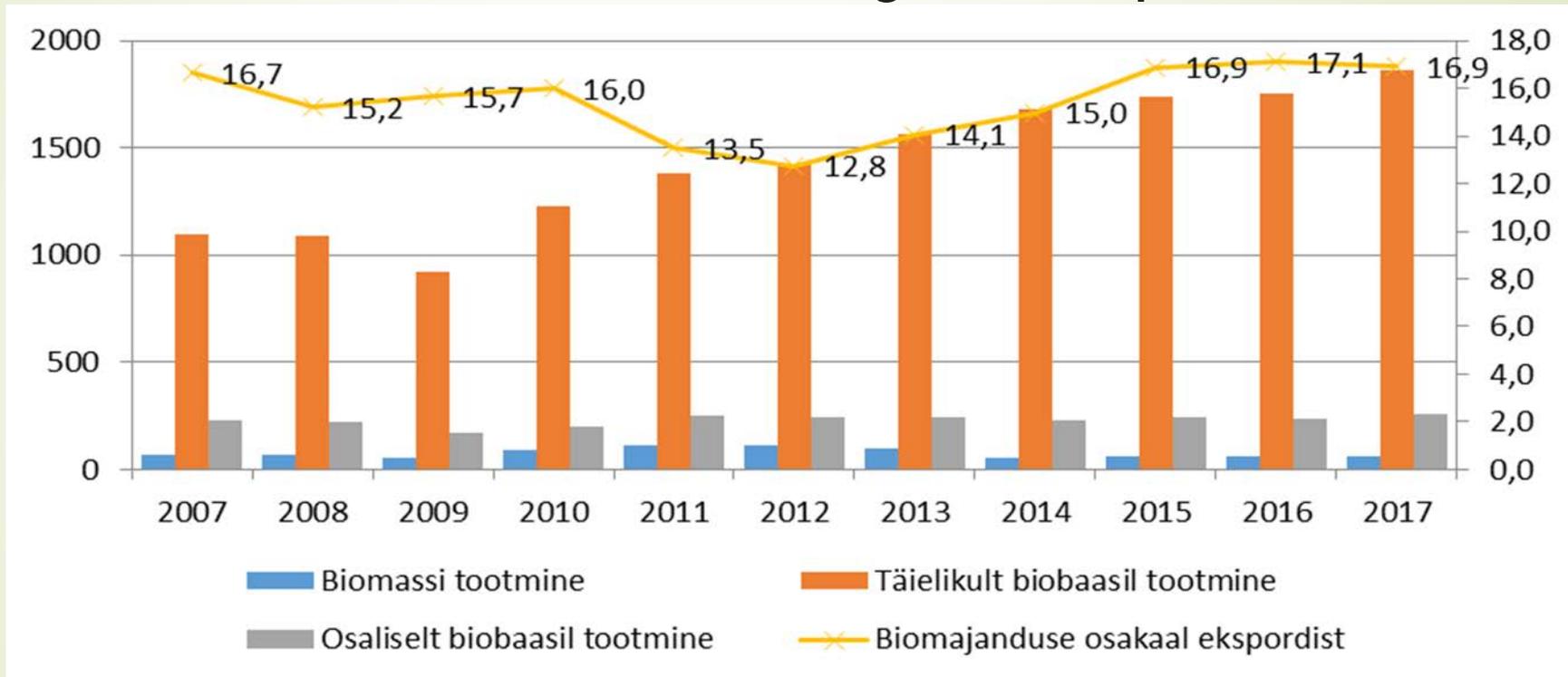




An interministerial applied research project on bioeconomy (2018-2021)

- ▶ analyses the status of Estonian bioeconomy sectors and value-chains
- ▶ proposes future scenarios for bioeconomy development
- ▶ develops potential business models in selected sectors: marine resources, fuels and energy, food and feed, biomaterials, chemicals, pharmaceutical and plastic products
- ▶ proposes government measures and actions for the development of bioeconomy
- ▶ The project concept was co-developed by the Ministry of Rural Affairs, of the Environment, of Economic Affairs and Communications
- ▶ It is supported from funding scheme RITA aimed to strengthen the ministries' capability of commissioning applied research

Target sectors for bioeconomy: Share of Bioeconomy in Export



Interim report of RITA bioeconomy project „Analysis of the status quo of Estonian bioeconomy resources based on six value chains“
(Kadri Lees, Uku Varblane, Urmas Varblane)



Responsible public bodies and relevant stakeholders

- ▶ Agriculture and Fisheries Strategy – Ministry of Rural Affairs
- ▶ Forestry Strategy- Ministry of Environment
- ▶ Strategy for Energy sector – Ministry of Economic Affairs and Communications
- ▶ Estonian Research, Development, Innovation and Entrepreneurship Strategy 2021-2030 (new!) – Ministry of Education and Research, Ministry of Economic Affairs and Communications
- ▶ **Stakeholders on the example of AaFS:**
- ▶ Other related ministries and state authorities (e.g. monitoring authorities, control labs)
- ▶ Sector representatives (e.g. Estonian Chamber of Agriculture and Commerce, etc)
- ▶ Educational and research institutes (e.g. Estonian University of Life Sciences), advisors

What are the short-term and long-term external policy support needs ?

	Process related support	Technical assistance support	Strategy drafting support
Building Block 1: Describe the bioeconomy concept at national level	<ul style="list-style-type: none"> • Facilitator: guiding the different sectors/politics to the strategy (EU+National) - Public awareness on bioeconomy (different target groups); - Incentive to support horizontal cooperation; - Story telling, good examples; - Workshops. Demo farms 	<ul style="list-style-type: none"> - EU Bioeconomy Strategy. EC to communicate more; - Better traceability and statistical use of biomass (EU level) 	-- Training, explaining
Building Block 2: Assess current state of bioeconomy and ambition within the EU Strategy	<ul style="list-style-type: none"> - Facilitator: guiding the different sectors/politics to the strategy (EU + national) 	<ul style="list-style-type: none"> • Biomass data evaluation; - Development of database about state of bioeconomy; - EU support for national bioeconomy studies; - Data showing a) value added; b) scenarios! - Scientific advisory panel; EU level. 	Training, explaining;

What are the short-term and long-term external policy support needs ?

	Process related support	Technical assistance support	Strategy drafting support
Building Block 3: Define bioeconomy measures, platforms and initiatives to achieve targets	<ul style="list-style-type: none"> - Development of clusters/networks; - Align policies to promote demand for biomass product markets; - Building capacity within the ministry; - Capacity building; national level; - Facilitator: guiding the different sectors/politics to the strategy (EU+national) 	<ul style="list-style-type: none"> - Pilot cases; - Policy/legislation alignment. How? - Interministerial groups. How? - Financing bioeconomy projects; - Database of funding sources for bioeconomy; - Support the development of small-scale bioeconomy processing technologies; - Educating farmers advisors; - EC: explain strategy and action plan; - Scientific advisory panel; EU level 	<ul style="list-style-type: none"> - EIP Agri support at local level; - How to build CLUSTERS (regional); - Training, explaining;
Building Block 4: Leverage on the national and EU policies for sustainable bioeconomy	<ul style="list-style-type: none"> - Mutual Learning at transnational level; identifying common attributes; - High-level forum; - Workshops on bioeconomy related policies; - Adapting legislation to the situation; 	Pilot cases	<ul style="list-style-type: none"> - Intersectoral collaboration between different policy & technical expert groups; - Training; explaining;



Actions to advance the development of the bioeconomy strategy

Please identify actions that would help you advance in the development of a national bioeconomy strategy in your country: These may be national, regional or European. What would be the main challenges, expectations and participants to these actions?

1) National-level thematic work group/think tank

Challenge: silos between ministries, room for improvement in involving researchers in devising national strategic plans

Expectations: better communication, cooperation, teamspirit

Participants: ministries, research organisations, related organisations representing the industry, etc.

2) In autumn 2019: A seminar to exchange experiences related to bioeconomy strategy

Challenge: all countries inventing the wheel, fragmented overview of what is going on,

Expectations: benefit from lessons learnt information, new insights, inspiration and motivation

Participants: Estonian representatives (ministries, Parliament, + representatives from other countries, EC)

3) In autumn 2019: A national conference presenting the results of the Agriculture and Fisheries Strategy and to discuss the possibilities of CAP in developing bioeconomy

Challenge: link between the AAFS and bioeconomy sometimes not clear

Expectations: raising awareness, presenting the AaFS

Participants: Estonian representatives (ministries, Parliament, + representatives from other countries)