



European bioeconomy's role in reaching the EU
Green Deal targets

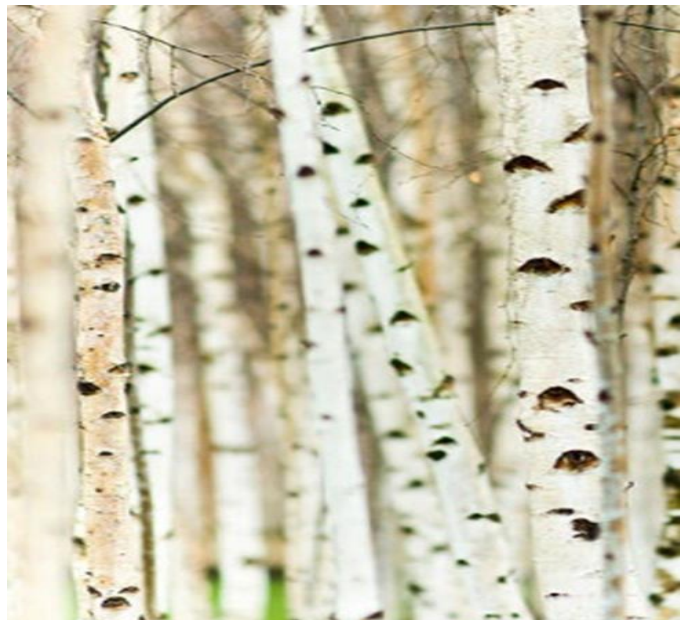
Updated Finnish national bioeconomy strategy and how it relates to the European strategy

Sustainably towards
higher value added

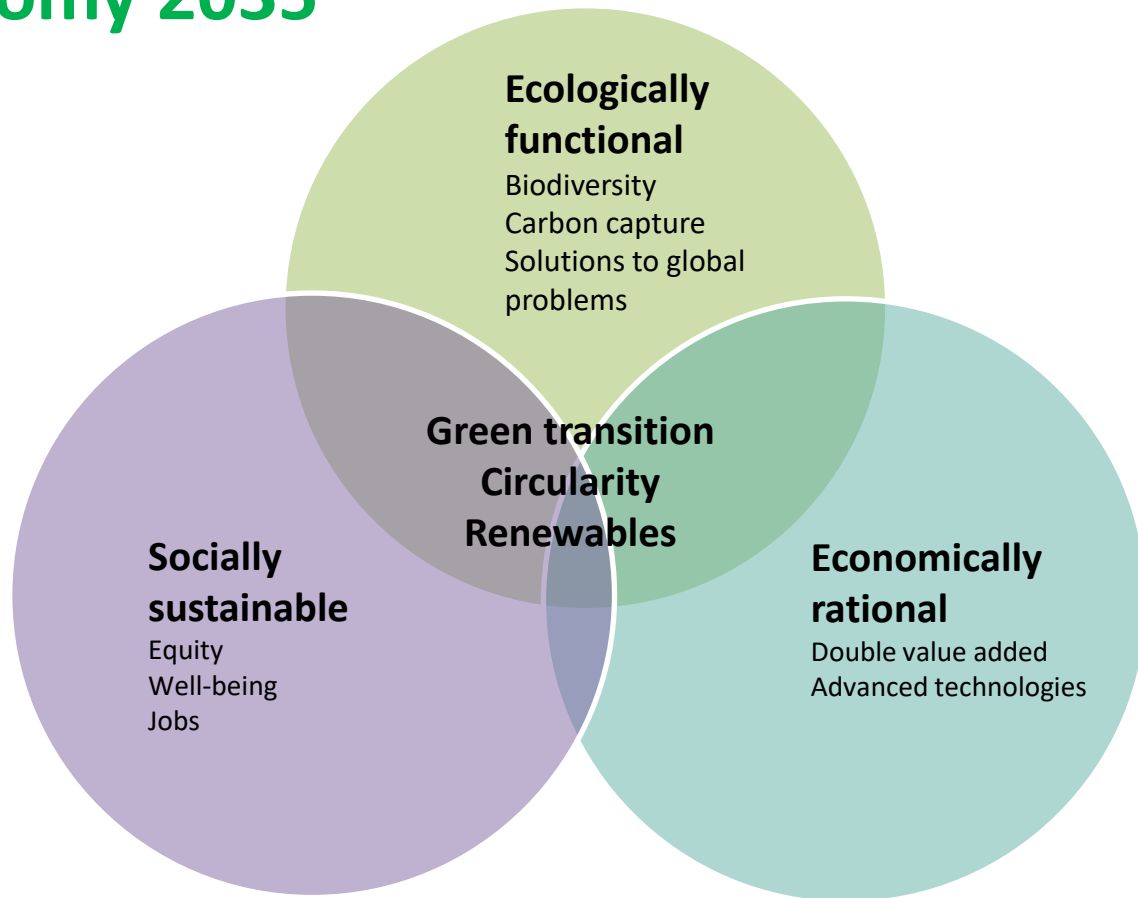
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Starting points for the strategy update

- Changes in the operating environment since 2014
- Circular economy and the utilisation of renewable natural resources
- Update of the EU Bioeconomy Strategy 2018 and Council conclusions on Bioeconomy 2019
- Prime Minister Marin's Government Program entries on a fair transition towards a carbon-neutral society and inclusiveness of citizens
- Steering group and a coordination secretariat with representatives from 8 ministries
- National stakeholders' bioeconomy panel as an advisory board



Bioeconomy 2035



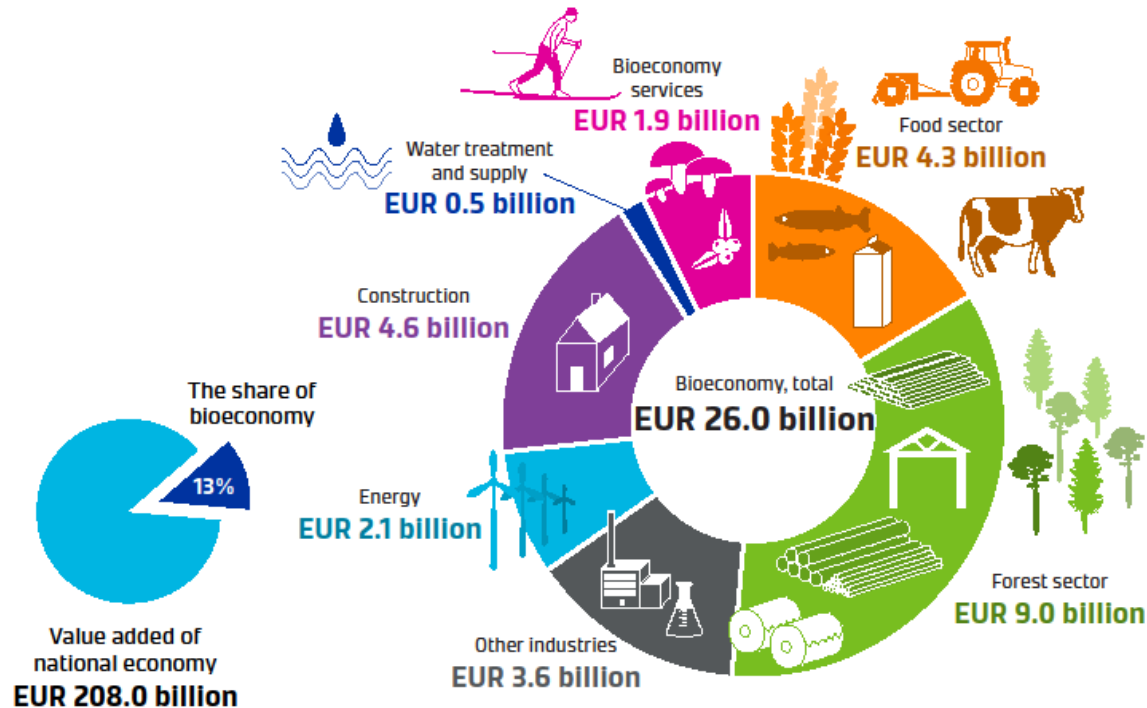
Vision 2035

Sustainably towards higher value added

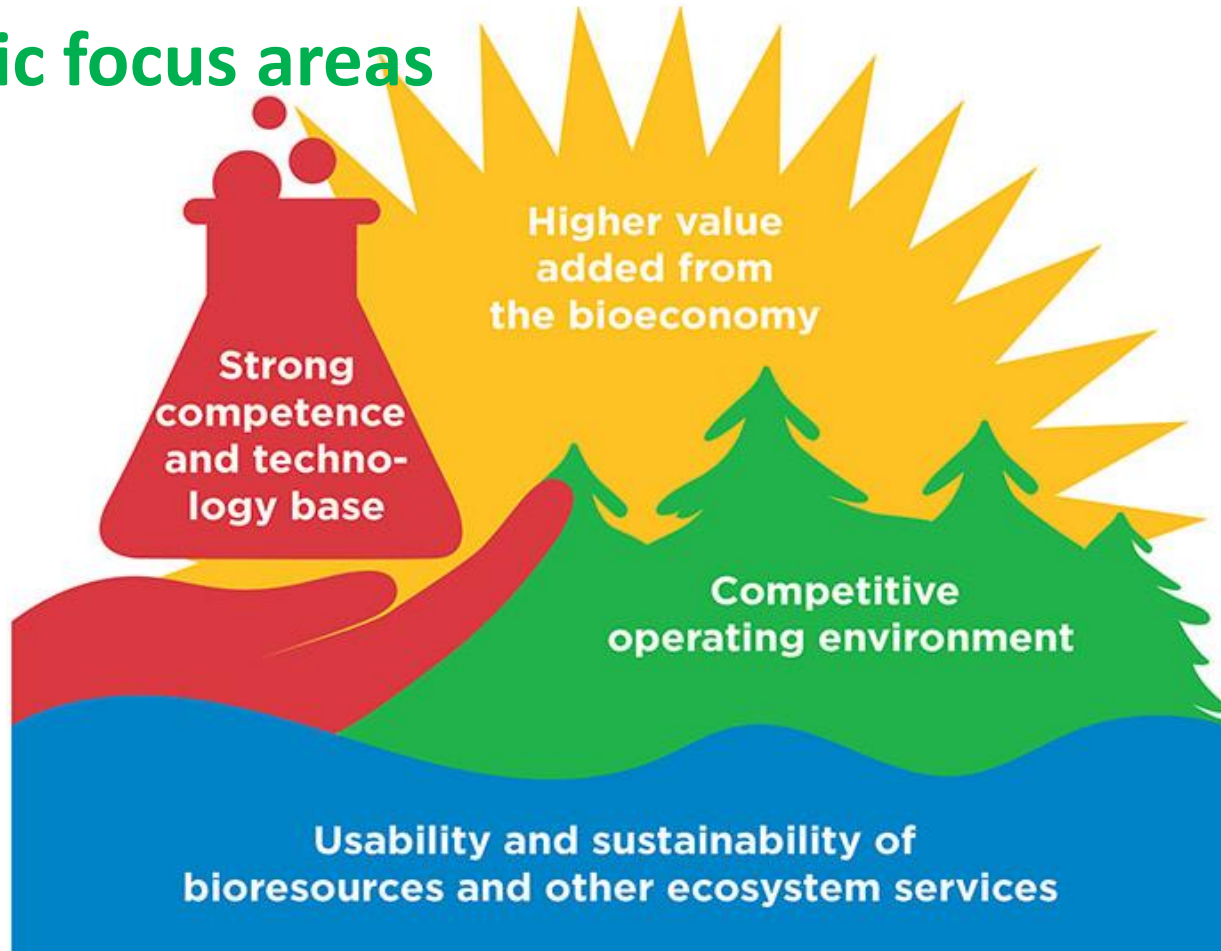
- increasing the value added of the bioeconomy was identified as an important priority that is not addressed in other strategies
- timeline in line with Finland's carbon neutrality targets
- focus on creating a broad-based action plan
- productivity of work based on technological development in key role
- instead of taking a stand on the amount of production, the strive is to create a higher value added
- the aim is to sustainably double the bioeconomy value added by 2035: from 15% to 26 % of GDP

Value added of the bioeconomy by industry 2019

Value added of bioeconomy, 2019*



Strategic focus areas



Measures

Higher value added from the bioeconomy

- RDI programme
- pilot and demonstration plants
- climate change and biodiversity actions
- regional bioeconomy action plans

Strong competence and technology base

- research and education
- development of technologies
- digitalisation

Competitive operating environment

- ecosystem services commercialization
- streamlined permit processes for investments
- innovative sustainable public funding models
- cross-border cooperation

Usability and sustainability of bioresources and other ecosystem services

- demand and availability of biomass and side streams
- increasing the value added in ecosystem service industries

Increasing value added in different sectors

forest • food • energy • water and water biomass • bioeconomy services
textiles and clothing industry • chemical industry



Thank you!



Ministry of Economic Affairs
and Employment of Finland

www.bioeconomy.fi