



Bioeconomy statistics in Finland

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Bioeconomy statistics in Finland

- ❖ Based on The Finnish Bioeconomy Strategy
- ❖ Compiled from National Accounts
- ❖ Used by decision-makers

The Finnish Bioeconomy Strategy

- ❖ Launched in 2014
- ❖ <http://www.bioeconomy.fi/facts-and-contacts/finnish-bioeconomy-strategy/>
- ❖ "Bioeconomy refers to an economy that relies on renewable natural resources to produce food, energy, products and services."

The Finnish Bioeconomy Strategy

- ❖ The goals of the Bioeconomy Strategy:
 - ❖ A competitive operating environment for the bioeconomy
 - ❖ New business from the bioeconomy
 - ❖ A strong bioeconomy competence base
 - ❖ Accessibility and sustainability of biomasses

- ❖ Objective: output €100 billion by 2025, 100 000 new jobs.

Bioeconomy statistics in Finland

- ❖ Economy based on renewable raw material
- ❖ Some industries (e.g. agriculture, manufacturing of food) are totally included
- ❖ Some industries (e.g. energy supply, construction) are included as a proportion of total

Bioeconomy statistics in Finland

❖ Largest industries

❖ In terms of output:

❖ Pulp and paper manufacturing, construction

❖ In terms of employment

❖ Agriculture, construction

Bioeconomy statistics in Finland

- ❖ Facts in 2014
 - ❖ Output: 64 billion € (16 % of total economy)
 - ❖ Value added: 12 % of total
 - ❖ Employed: 309 000 (12 % of total)
 - ❖ Export: 22 % of total
- ❖ Value of output unchanged since 2000
- ❖ Number of employed has declined by ca. 50 000

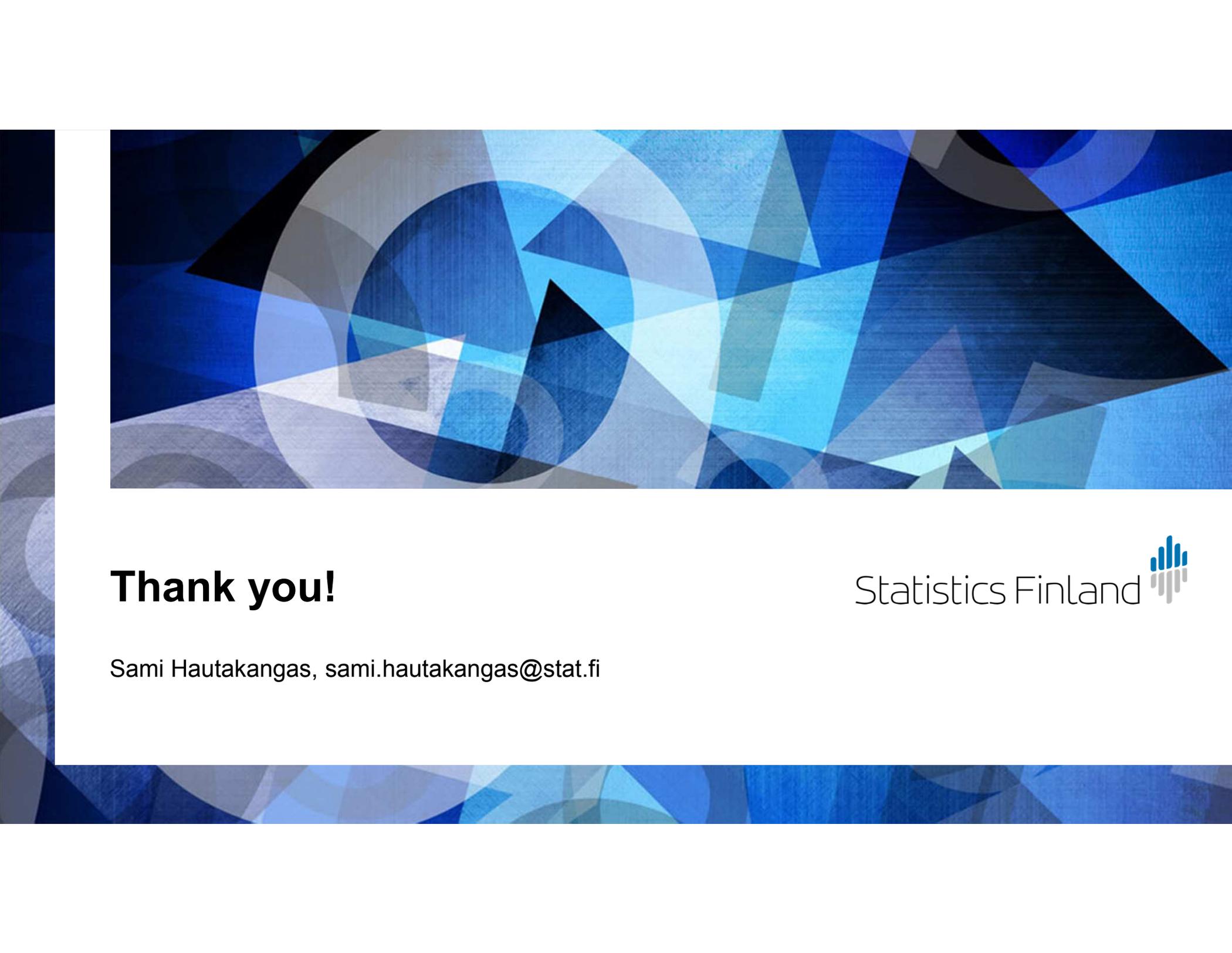
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❖ Targets for development

- ❖ Better estimates for the proportion of bioeconomy in certain industries (e.g. chemical manuf., construction)
- ❖ Including the recreational value e.g. in hunting and fishing (now the value of the catch)
- ❖ Including the export of services

More on bioeconomy issue in Finland

- ❖ Linked with us, Natural Resources Institute Finland (LUKE) has a bioeconomy research program
 - ❖ Blue bioeconomy (waterways and water)
<https://www.luke.fi/en/research/blue-bioeconomy/>
 - ❖ Boreal green bioeconomy (forests and fields)
<https://www.luke.fi/en/research/gron-bioekonomi-i-norr/>



Thank you!

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