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


- "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.
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- 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
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- 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
Bioeconomy statistics in Finland

- 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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