



bioeconomy⁺

Sustainable growth from bioeconomy

Bioeconomy is a branch of the economy using biological natural resources to produce products, energy, food and services. Clean, environment saving technologies and efficient recycling are typical to bioeconomy.

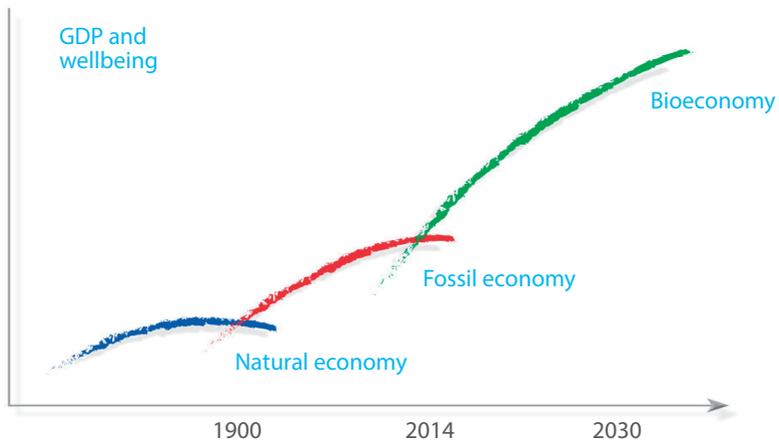
Bioeconomy

- reduces dependence on fossil raw materials
- combats degradation of ecosystems
- promotes economic development and creates new jobs



BIOECONOMY IS THE NEXT WAVE OF THE GLOBAL ECONOMY

Bioeconomy is the next wave of the global economy, producing growth and prosperity. According to estimates, Finland may nearly double the value of its bioeconomy.



By 2030, the world will need 50 percent more food, 45 percent more energy and 30 percent more water than now.

FINLAND IS A PIONEER

Finland's rise to become one of the world's most prosperous countries is based on our ability to utilize renewable natural resources – our green gold. Forests and clean nature are – and have always been – the basis of our existence.

Finland has top-notch expertise in sustainable forest bioeconomy. Some 80 per cent of our land area is covered with forest, which we manage so well that more timber grows every year than we utilise. We also use waste and side streams efficiently.

Finland has strong know-how in technology, construction, energy, chemistry, food and health sciences. Innovation, cooperation and combined technologies in these fields make Finland a real pioneer in bioeconomy

SUSTAINABLE SOLUTIONS

Finland is already offering the world sustainable bioeconomy know-how and products. We've developed expertise, technologies and smart solutions that aren't found anywhere else. Besides timber products and paper, we use biomasses from forests in fibres, pharmaceuticals, chemicals, functional food, plastic materials, cosmetics, intelligent packaging, biofuels and more. Examples:

- Bio-based consumer goods
- Using wood in the built environment
- Renewable energy in housing, transport and industry
- Pure food for people and animals
- Biotechnology in the production of pharmaceuticals, functional foods and industrial enzymes
- Biochemicals eg. for water purification
- Technology, equipment and chemicals for biomass refining
- Nature ecosystem and wellbeing services

Have a question
you want to solve
sustainably
through
bioeconomy?

Ask a Finn
for advice.





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Bioeconomy is the solution

LINKS:

- www.bioeconomy.fi
- www.bioenergia.fi
- <http://bit.ly/storyaboutforest>
- <http://bit.ly/UPMforestlife>
- www.bit.ly/chemical-industry
- www.biobasedindustries.europabio.org
- <http://biconsortium.eu>



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