



Stowarzyszenie Klaster Biogospodarki –
tworzenie cross sektorowego ekosystemu
innowacji

Association Bioeconomy Cluster –
creation of cross-sectoral ecosystem of
innovation

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Polska Platforma Technologiczna Biogospodarki (PPTB) Polish Technology Bioeconomy Platform (start Sept. 2014)

35 enterprises

30 High Schools and Research Institutes

2 Technology Parks

Polish Technology Platform for Biofuels and
Biocomponents

Association of the National Chamber of Biofuels

Strategic goals of PPTB

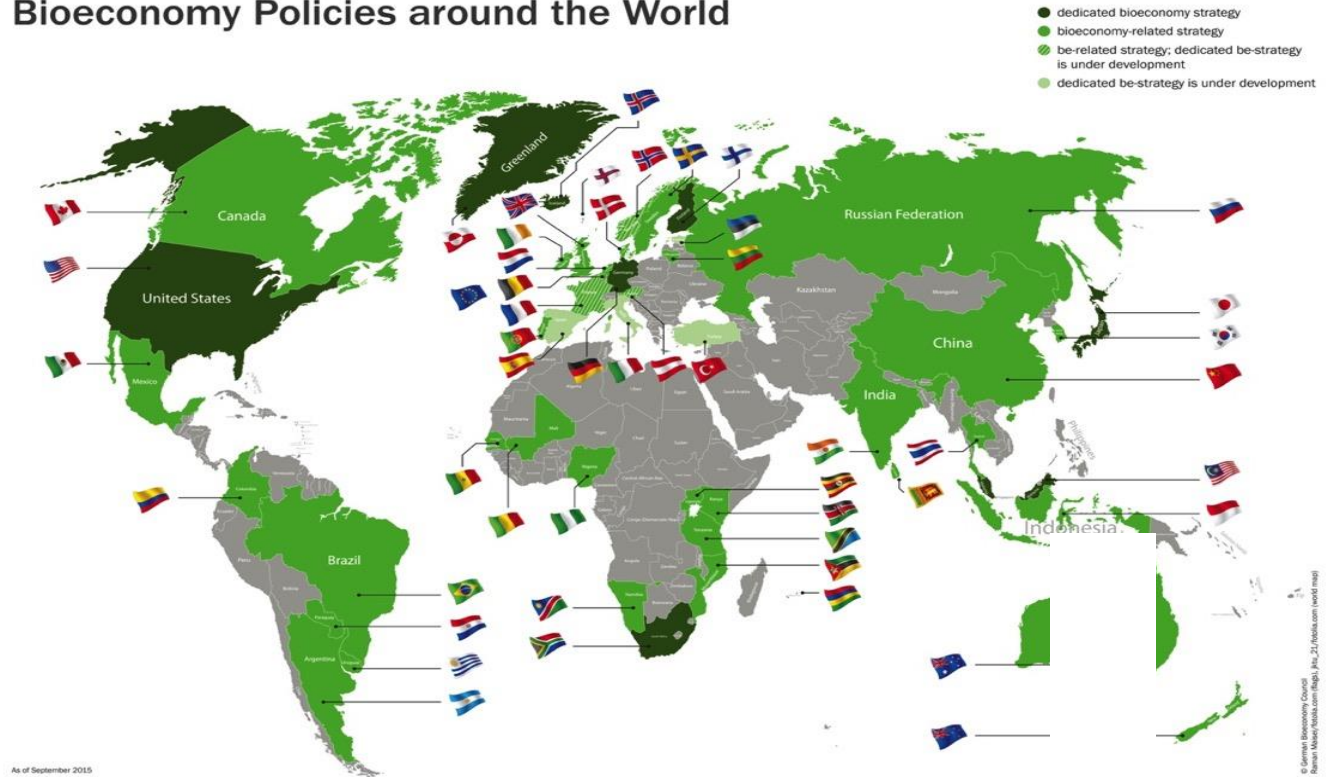
integration of native intellectual and research potential

introduction of an intersectoral integrated action for the development of the bioeconomy in Poland aimed at better use of renewable biomass and waste stream to create new bioproducts and services to develop the production of functional and pro-health food.


These activities should increase the competitive position of bioeconomy as inter-sectoral and lead to the construction of Polish smart economic specialty.




Bioeconomy Policies around the World



Source: German Bioeconomy Council (2015) Bioeconomy Policies – Synopsis of National Strategies in the World



Identification of problems, including: technological, research and development of the Bioeconomy sector

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1. Low utilization of by-products and various waste streams (poor limitation of the side stream flow from the processing phase)
 2. Low added value of products (low level of processing)
 3. Insufficient use of biotechnological processes
 4. Low level of utilization of modern technologies (low level of innovation)
 5. Low degree of use of renewable raw materials in the area of production of materials and packaging
 6. Regulations preventing / inhibiting development
 7. Low public awareness, especially in the area of bio-raw materials recovery

Scope of bioeconomy impact



Energy sector



Climate and environmental protection



Food market and suppliers



Chemical and pharmaceutical sectors



Animal breeding and plants



Microbiology and biotechnology



Agriculture and forestry



Trade



Machines, digitization, automation



Food industry



Aquaculture

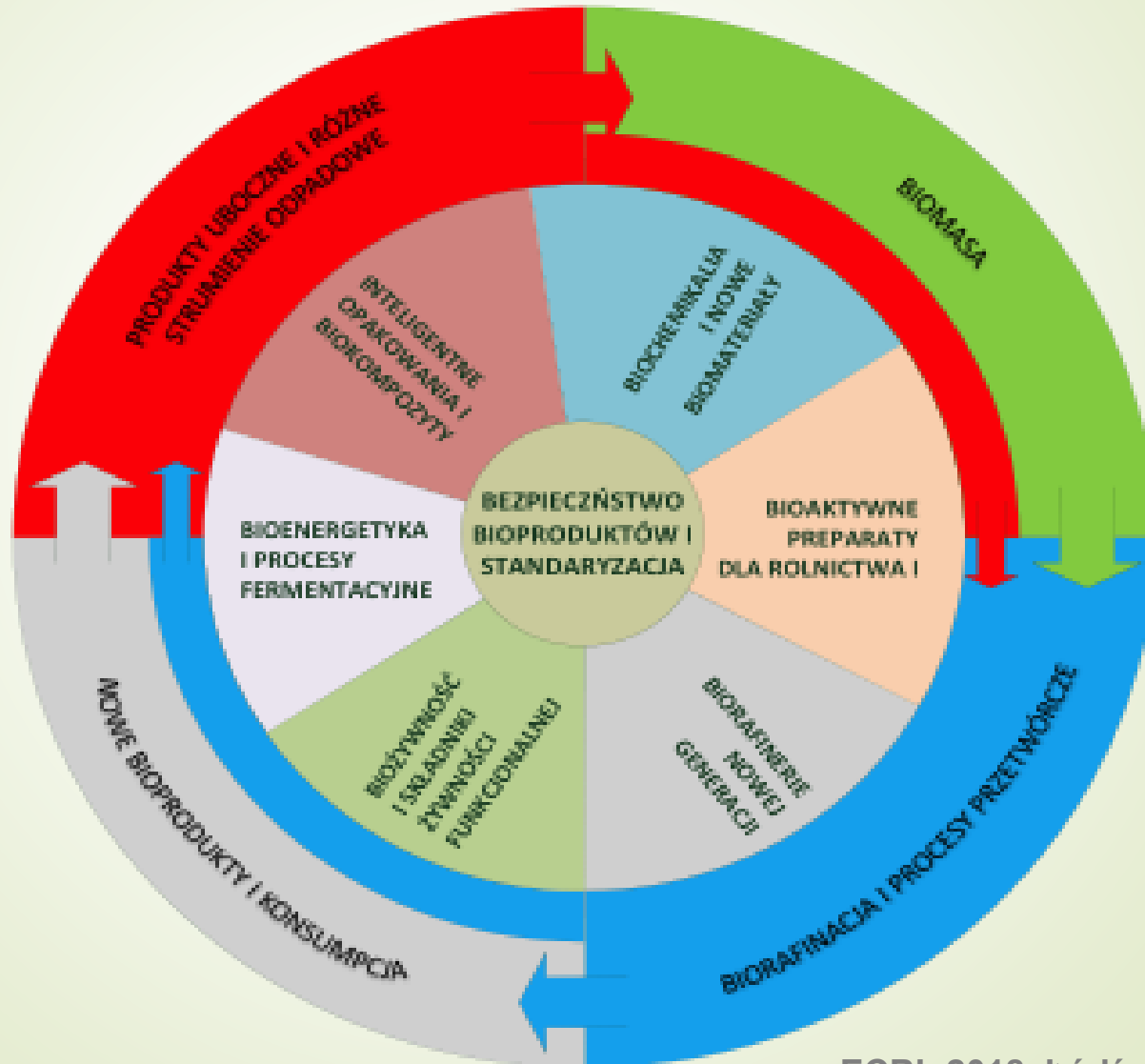


Wood and cellulose industry

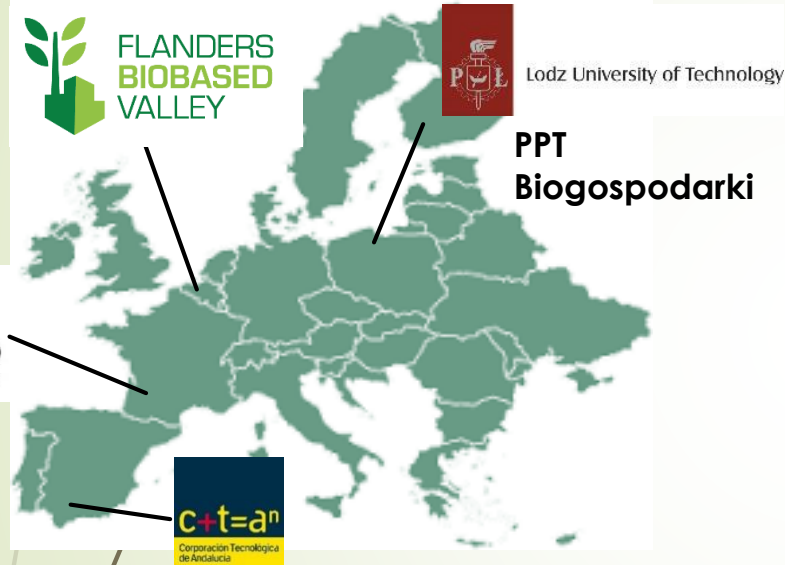


Services

Circular bio-economy - a cross sectoral area of scientific and economic cooperation (INNOBIO)



Support and PartnERship for the development of multiple sustainable and market ready value chains in the BIO-based economy



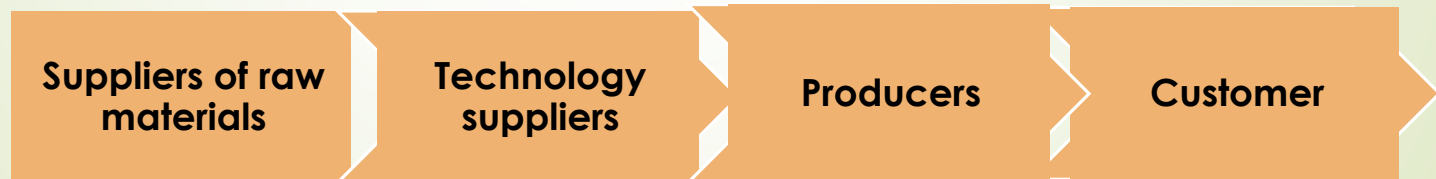
Usługodawcy

Klastry



The value chain is a sequential action in the development of a new or improvement of existing technology from the phase of obtaining raw materials, materials and technologies through processing them into final products and delivering to the recipient.

Linking the value chain of both suppliers, manufacturers and recipients improves the development possibilities of enterprises and their effectiveness.



Association - Bioeconomy Cluster

Sept.2018

The aim of establishing the Association is integration and concentration of the scientific and economic environment operating in the bioeconomy area with particular emphasis on its cross-sectoral impact, covering the basic pillars of cooperation:

innovation

education

**entrepreneurship
development**

social communication



The Association achieves its goals through activities in two areas:

- strategic incl. impact on the legal environment in the field of bioeconomy and related sectors, promoting beneficial solutions by developing good practices and business models in the area of creating integrated cross-sector cooperation chains

- operational incl. activities in the area of: organisation of projects, marketing activities, cooperation and creation of start-ups, creation of hub, network and cluster structures, consultancy and expert activities



We invite you
for cooperation