




Bioeconomy in Bavaria

Brussels, 07.06.2017

Facts and numbers about the bioeconomy in Bavaria


457,000 ha cultivated land area for the production of renewable resources in Bavaria*



2.6 million ha forest area in Bavaria*



131,000 companies in Bavaria can be assigned to the bioeconomy (16.3% of all companies in Bavaria)**



452,000 employees (6,4% of all persons employed in Bavaria)**



73 billion Euro total revenues of the bioeconomy in Bayern**



Competence centers covering substantial research areas of the bio-economy



* Numbers refer to year 2015; Source: Bayerischer Agrarbericht 2016

** Numbers refer to year 2013; Source: Prof. Dr. Hubert Röder, Wissenschaftszentrum Straubing

The council's members and their professional expertise

PROCESS
ENGINEERING
AND PACKAGING
(FOOD)

CHEMISTRY OF
BIOGENIC
RESOURCES

FOOD INDUSTRY

BIOREFINERY

BIOBASED PRODUCTS AND
ENERGY CROPS

WOOD SCIENCE

CATHOLIC THEOLOGY,
ENVIRONMENTAL
ETHICS



DAIRY INDUSTRY

BIOPLASTICS

The council's background and mandate

April 2015:

Bioeconomy Council appointed as an independent advisory council by the Bavarian State Ministry for Food, Agriculture and Forestry (StMELF)

Main tasks:

- Develop recommendations for designing a bioeconomy strategy
- Provide advice on the political framework for successfully implementing a bio-based economy
- Promote and support the social dialogue about bioeconomy





BIOECONOMY IN BAVARIA

Political strategies and coordination of action



Political strategies and coordination of action

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Bavarian State Ministry
of Food, Agriculture and Forestry



Development of division strategy

Sachverständigenrat
Bioökonomie Bayern

Bavarian Ministry of Economic Affairs
and Media, Energy and Technology



Start-Up competition, focus on
biotechnology



Bavarian State Ministry of
Education, Science and the Arts



Competence center for research
& education



Bayerisches Staatsministerium für
Umwelt und Verbraucherschutz



Research funding



Regional market development

- > Foster consumer understanding of the advantages of biobased products
- > Increase the meaning of sustainability criteria as decisive competitive factors
- > Increase demand for biobased products through strong sustainability focus in public procurement



Knowledge and information of local society

- > Simplify concept and ideas of bioeconomy for communication
- > Open discourse on targets, frameworks and actors of specific bioeconomy strategies and actions
- > Facilitate dialogue and participation instead of merely gaining acceptance
- > Develop and adjust regional communication strategies and key messages

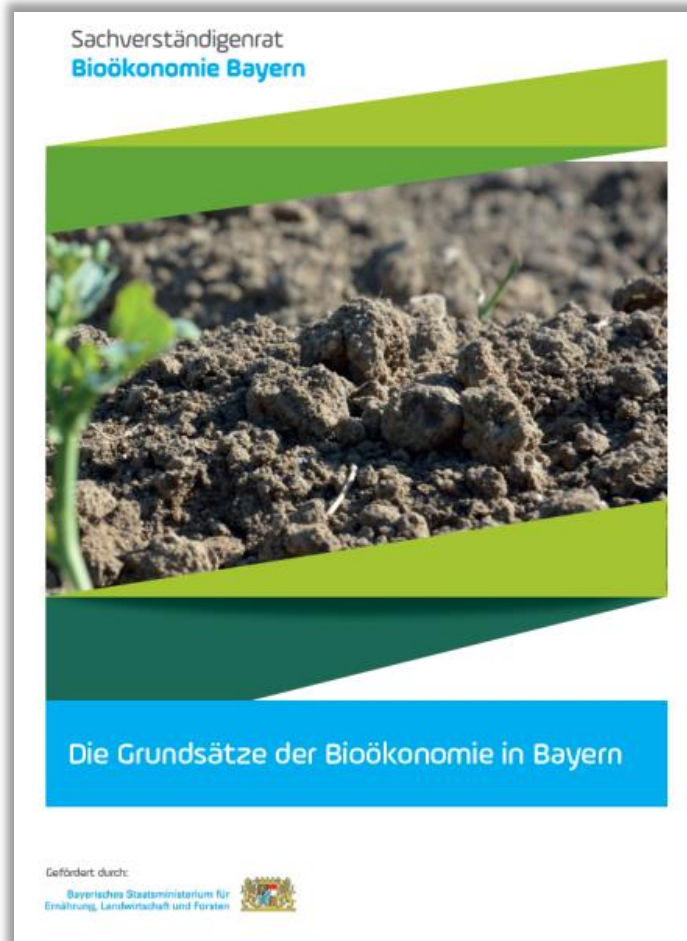


Ethical framework

- > Make sure that standards of environmental and social compatibility are the basis for any bioeconomy strategy
- > Refer to regional and supra-regional strategies for sustainable development (e.g. SDGs)
- > Make economic and technological innovations serve the responsible use of natural resources



Position Paper of the Bioeconomy Council Bavaria



- Summary of the councils vision and mission for the bioeconomy in Bavaria
- Contains the priorities mentioned above and additional aspects
- Five fields of action:
 - Knowledge
 - Provision of biogenic resources
 - Use of biogenic resources
 - Ecosystems and climate protection
 - Society
- Published in May 2017

Thank you for your kind attention



Further information is available at
www.biooekonomierat.bayern.de (only in German)