

# Bioeconomy initiatives of Steiermark region

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Styria is one of the pioneers of the industrial bioeconomy in Europe and is specifically pursuing the transition to a sustainable and regional resource base. The Styrian volcanic region in particular, as the first Austrian model region for bioeconomy and circular economy, shows how economic development can be combined with resource conservation and climate fitness.

The region focuses on the cascading use of raw materials, innovative biomass utilisation and the use of new biotechnological processes. This enables the production of bio-based products ranging from building materials to alternative proteins. Notable value chains and innovations can be observed in the efficient use of regional raw material in the wood-industry and agricultural side-streams. A rich environment of research and development activities, regional clusters and infrastructure-hubs make an important contribution to further bioeconomical development.

Thanks to its established networks and expertise in raw materials, Styria offers potential for cooperation and testing new approaches. With a focus on the circular economy and regional value creation, the region creates economic stability and is open for innovation partnership.



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# Expertise & Competences

BIORESOURCES	FOOD AND FEED	BIO-BASED MATERIALS	BIO-BASED MOLECULES AND RELATED PROCESSES	BIOENERGIES
Forestry, secondary biomasses	Food, alternative protein sources for feed and food	Lignocellulose utilisation, construction material, processing	Biorefineries, Biotechnology	Biorefineries, Bioenergy



# Networks & Clusters



## Research & Development



**BEST - Bioenergy and Sustainable Technologies GmbH**  
  
Competence centre for industry-related research & technology development  
  
[best-research.eu](https://best-research.eu)



**Austrian Centre of Industrial Biotechnology**  
  
International centre of excellence in the field of industrial biotechnology  
  
[acib.at](https://acib.at)



## Cluster / Ecosystem



**JTF - Green Startupmark**  
  
Ecosystem as Austria's pilot region for green innovation founders and incubator  
  
[greentech.at/green-startupmark](https://greentech.at/green-startupmark)

**Green Tech Valley Cluster**  
  
Austria's leading technology cluster for climate protection and circular economy  
  
[greentech.at/green-tech-cluster](https://greentech.at/green-tech-cluster)

**Austrian Bioeconomy network**  
  
National Austrian Bioeconomy network  
  
[bioeconomy-austria.at](https://bioeconomy-austria.at)

**Wood cluster Steiermark**  
  
Interdisciplinary cluster of the forestry and timber industry  
  
[holzcluster-steiermark.at](https://holzcluster-steiermark.at)

**Styrian Food Hub**  
  
Cregional custer for food technology  
  
[sfg.at/styrian-food-hub](https://sfg.at/styrian-food-hub)

**Human.technology Styria GmbH**  
  
Regional cluster for human technologies  
  
[humantechnology.at](https://humantechnology.at)

## Further information

**Styrian volcanic region is Austria's first model region for bio- & circular economy**  
[vulkanland.at/lebensraum](https://vulkanland.at/lebensraum)  
  
**Projects of the Styrian business development agency**  
[sfg.at/ansiedeln-und-vernetzen/cluster-netzwerke/](https://sfg.at/ansiedeln-und-vernetzen/cluster-netzwerke/)  
  
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**Green Tech Valley Green Transformation Cards for businesses**  
[greentech.at/en/goodies/green-transformation-cards/](https://greentech.at/en/goodies/green-transformation-cards/)  
  
**Science Park High Tech Incubator in Graz**  
[sciencepark.at](https://sciencepark.at)

**Brochure: Biorefineries in Austria - Examples from research and practice**  
[fti-ressourcenwende.at](https://fti-ressourcenwende.at)  
  
**Das steirische Vulkanland auf dem weg zur lebenswertesten Region Europas**  
[vulkanland.at/pdfviewer/vision-vulkanland-2040-die-lebenswerteste-region-europas/](https://vulkanland.at/pdfviewer/vision-vulkanland-2040-die-lebenswerteste-region-europas/)

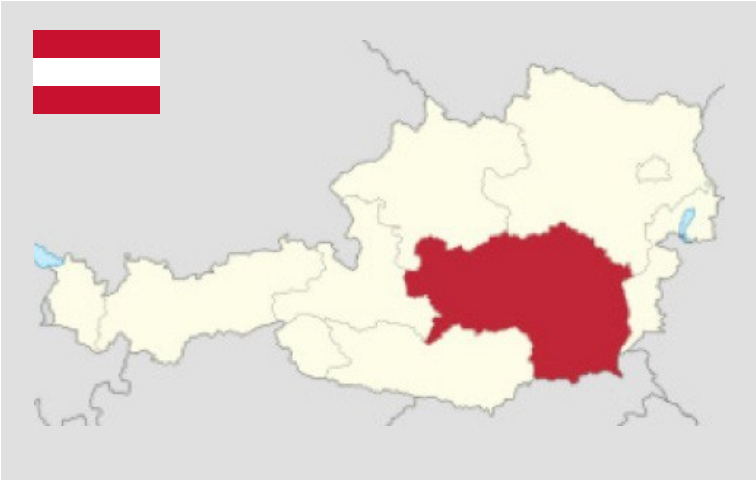
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## Steiermark region Austria



## Basis Data

Inhabitants .....	1.3 M	2023
BE employees .....	62.080	2020
BE annual turnover .....	3.19 bn €	2020

## Characteristics / Profile

- Austria's first model region for bioeconomy and circular economy
- 17.6% of the Austrian Agri-GDP is from Styria
- Major production of apples, pumpkin products, wine and dairy products
- Successful development and operation of multiple bio-refinery projects

## Bioeconomy Partners

