



## **Bioeconomy Kit for Business** Not only must we seek new ways of consuming, but also of producing that respect the ecological boundaries of our planet. All stakeholders, especially the supply side, must be engaged in this systemic change towards a more

preserving the ecosystem. This kit aims to raise awareness and educate the supply side about the bioeconomy at large and its benefits for them.

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2. What are promising business models and sustainable technologies for local deployment?

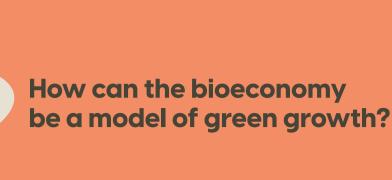
sustainable economic model, promoting growth and development and

## Glossary of relevant bioeconomy terms.

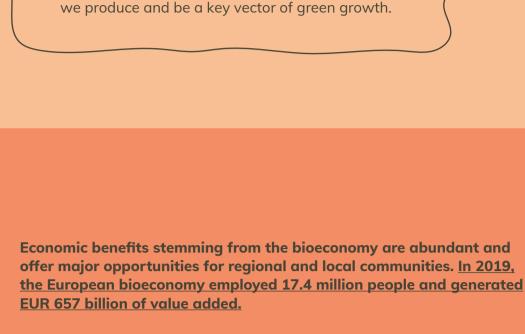
4. How is the business community supported in driving bio-based innovation?

1. How can the bioeconomy be a model of green growth?

3. How can we ensure a sustainable supply of biomass?







**EU BIOECONOMY** 

Did you know?

The bioeconomy can help us transform the way

rural, coastal and remote areas by adding values to commodities which are produced by the agricultural, forestry, fishery or waste sectors. Watch this video to better understand the rural approach. • Get deeper insights into the bioeconomy value chain, which is the flow of environmental, economic and social values added by a broad set of actors to the process of creating bio-based product or services from biomass feedstock, in this interactive

E Check out this **factsheet** for an overview of EU projects supporting local bioeconomies and the development of new value chains and

BLOOM infographic.

business models.

A major strength of the bioeconomy concept is the development of





BE-Rural's <u>handbook</u> on regional and local bio-based economies

further been identified by BE-Rural in this resource.

selected model.

provides an in-depth overview of local potential including information on biomass use, business models and sustainability impacts. An array of small-scale technology options for regional bioeconomies have

POWER4BIO has developed an <u>online catalogue</u> of bio-based solutions and business model pathways to fully realise bioeconomy potential.

RUBIZMO's <u>Transformation Support Tool</u> helps you understand which business models are the best fit for your objectives, taking into account key information on your business environment and stakeholders. It consists of a database of business models and a tool to implement the

Enabling's **Best Practices Atlas** has collected best BBP (Bio based Products and Processes) practices, from inside and outside Europe, that are wholly or partly transferable to other regions, and can serve

AlpBioEco developed exciting eco-innovative business ideas and

⊕ Tech4Biowaste developed a database on biowaste valorisation

concepts for small and medium-sized enterprises in the Alpine region. Examples include the: <u>Apple, Walnut</u>, and <u>herbal</u> value chains. Further exciting impulses can be found in AlpBioEco's replicable roadmap to

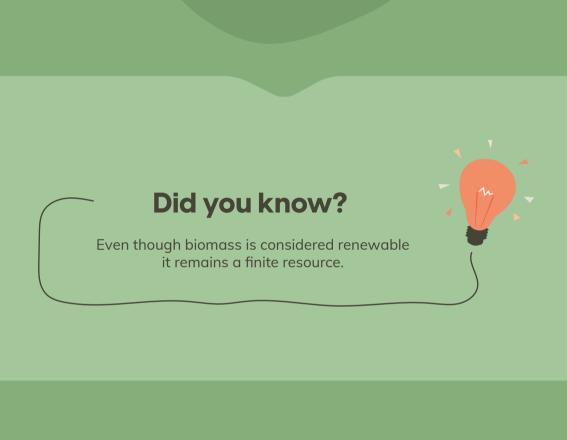
as an inspiration for partners in the value chain.

analyse bio-based value chains.

technologies. Technology providers can showcase new and emerging technologies. Technology searchers can analyse and compare bio-waste valorisation technologies.

How can we ensure a

sustainable supply of biomass?



Biomass is at the core of bioeconomy. The sustainable and reliable supply of non-food biomass feedstock is essential for the success

This LIFT <u>factsheet</u> explains the challenges needed to be addressed in biomass availability, quality, supply and sustainability and European

feedstock and shows the process flows for the different feedstocks. The project also provides a BiomassTrade Platform where biomass producers and biomass processors can meet to exchange currently not valorised organic biomass residues and organic by-products.

availability of lignocellulosic biomass in EU27, western Balkans, Turkey, Moldova and Ukraine and its Bio2Match tool helps match biomass and

(#) ICT-BIOCHAIN is working to guarantee a secure and sustainable supply of biomass feedstock by improving the efficiency of the biomass value

distributed forest bioeconomy <u>research infrastructure</u> across Europe.

BIOREG's Geoportal Tool, a tool focused on wood waste management provides a unified platform which helps disseminate suitable solutions

Enabling's process Flows Platform represents data for different

S2BIOM's planning toolset contains harmonised datasets for the

chain. Don't miss its <u>platform</u> of ICT solutions.

Baltic For Bio produced a Forest Energy Atlas GIS platform.

(#) In the forestry sector, ERIFORE is establishing an open access

of the bioeconomy and its bio-based products.

projects addressing these issues.

conversion technologies.

and success factors, depending on the regional context.

How is the business

Did you know?

A number of tools exist to help bring bio-based innovations closer to the market.

The business and research community play a central role in driving bio-based innovation and investing in healthier, safer, and more sustainable products and services. From a vast range of primary producers, SMEs and start-ups, industries, and companies providing bio-based and ecosystem services everyone has an important role

Start off reading this European Commission report on 15 EU success

 The <u>Circular Bio-based Europe Joint Undertaking (CBE JU)</u> is a €2. billion partnership between the European Union and the Bio-based <u>Industries Consortium (BIC)</u> that funds projects advancing competitive circular bio-based industries in Europe. The partnership is building on

the success of its predecessor, the **Bio-based Industries Joint** 

Many start-ups and SMEs need support to take advantage of these emerging opportunities. A good place to start is with this clear

For those striving to launch a bioeconomy-related business, these

<u>Undertaking (BBI JU)</u>, while addressing the current challenges facing

examples that can serve as inspiration.

description of a business plan from ProBIO.

CommBeBiz webinars might help you:

• Business Plan writing

stories, "Bio-based products from idea to market", for concrete real-life

to play.

the industry.

community supported in

driving bio-based innovation?



describe the market conditions, barriers and future trends, and public

E Cross-sector and multi-stakeholder collaboration can be key elements of success. In this Biobridges factsheet the main practices and challenges

Here the Interreg Danube Transnational Programme has developed a joint bio-based value-added network for the Danube Region

For a helpful overview of European projects working in the area of open innovation platforms and facilities, check out this LIFT Factsheet.

perceptions of a range of bio-based application areas from

biochemicals, biofuels, to bio-based plastics.

are listed.

(DANUBIOVALNET).

Glossary of relevant bioeconomy terms



**Value Chain** is defined as a set of interlinked activities that deliver products/services by adding value to bulk material (feedstock). **Integrated Value Chain** is a logical chain of partners working together to add value to primary biomass in several steps and to look for synergies in production pipelines.



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