

TransBIB

Boost.
Industrial.
Bioeconomy.



Gefördert durch:



Bundesministerium
für Wirtschaft
und Energie

aufgrund eines Beschlusses
des Deutschen Bundestages

IBC25 Halle
Dr. Matthias Scholz
19.06.2025



Förderprogramm Industrielle Bioökonomie

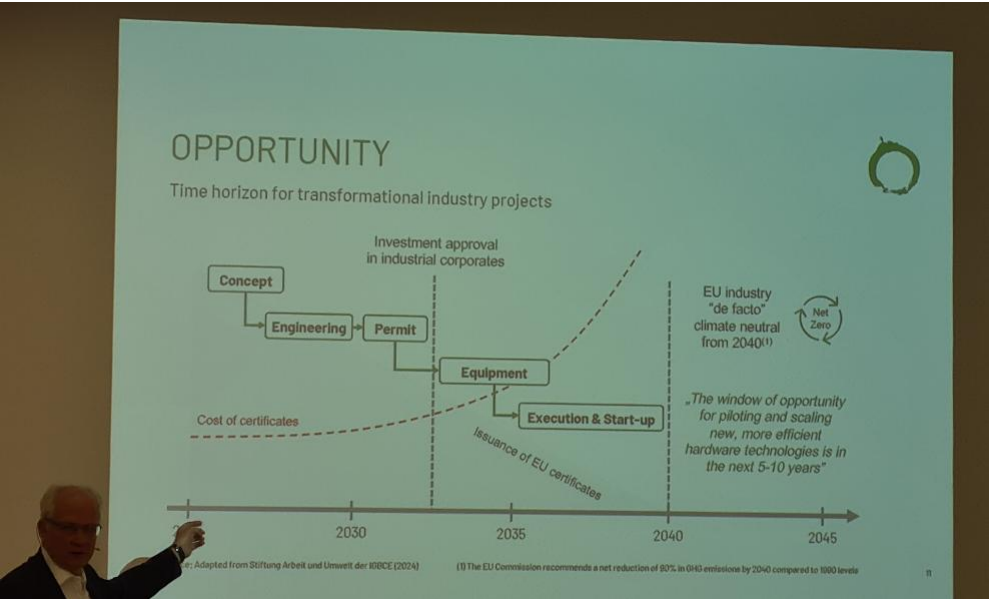


**Bundesministerium
für Wirtschaft und Energie**

**Richtlinie
zur Förderung der Nutzung und des Baus von Demonstrationsanlagen
und von Beispielregionen für die industrielle Bioökonomie**

Vom 16. November 2021

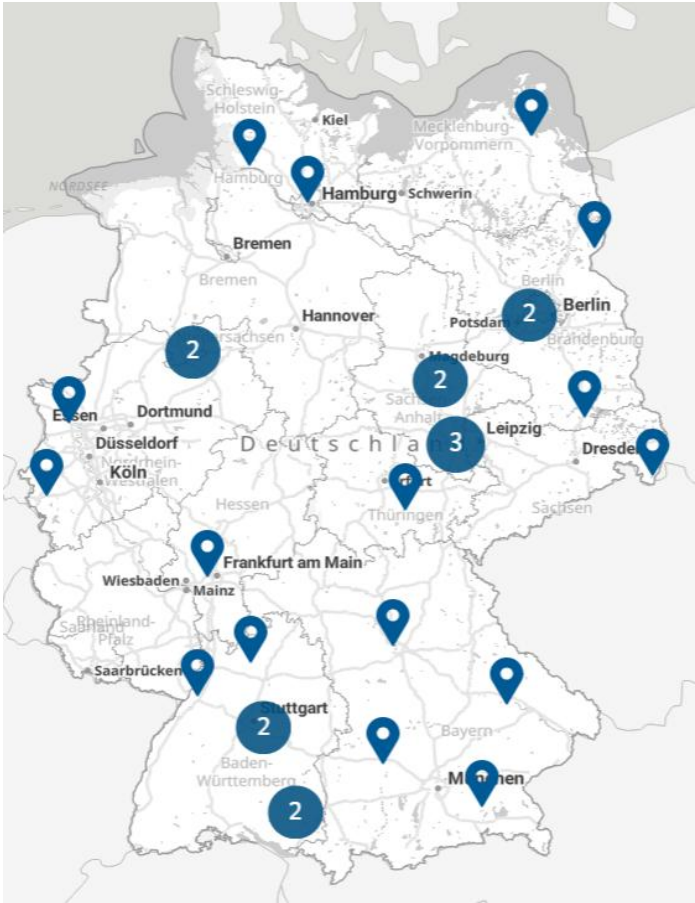




**Bundesministerium
für Wirtschaft und Energie**

**Richtlinie
zur Förderung der Nutzung und des Baus von Demonstrationsanlagen
und von Beispielregionen für die industrielle Bioökonomie**

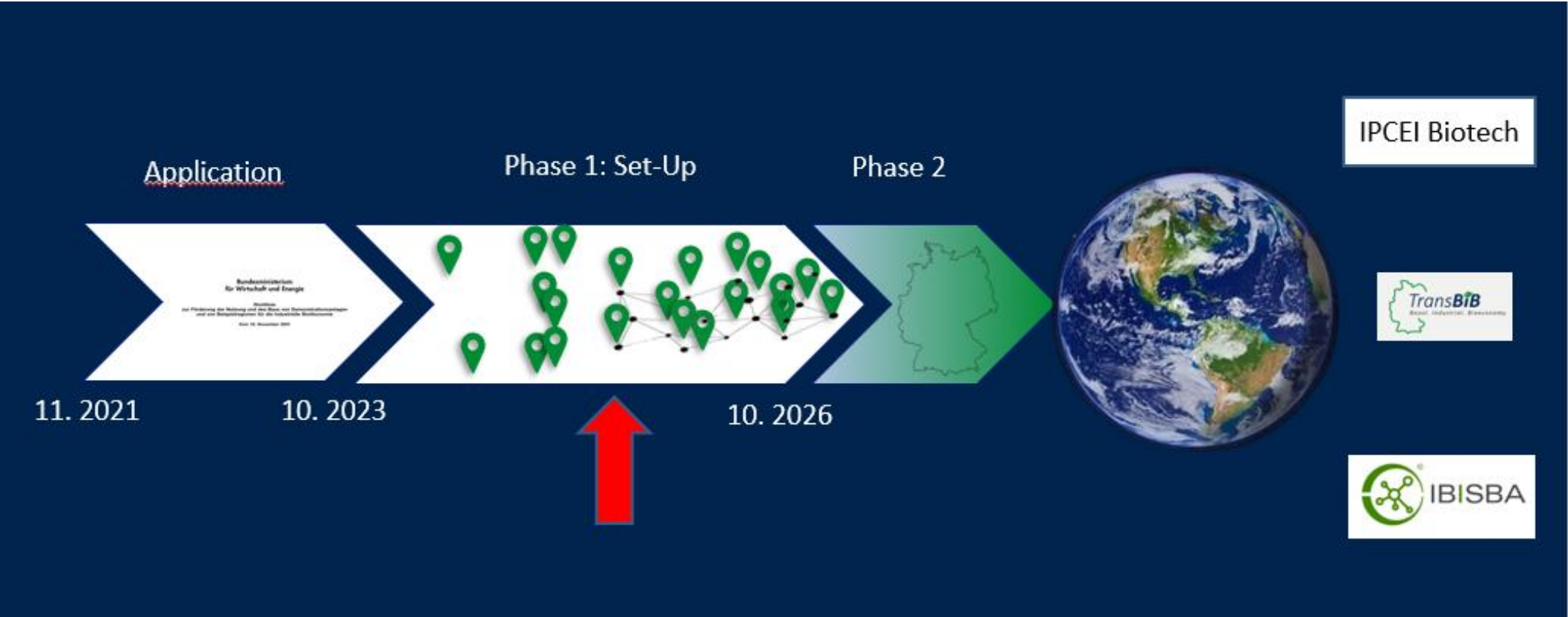
Vom 16. November 2021

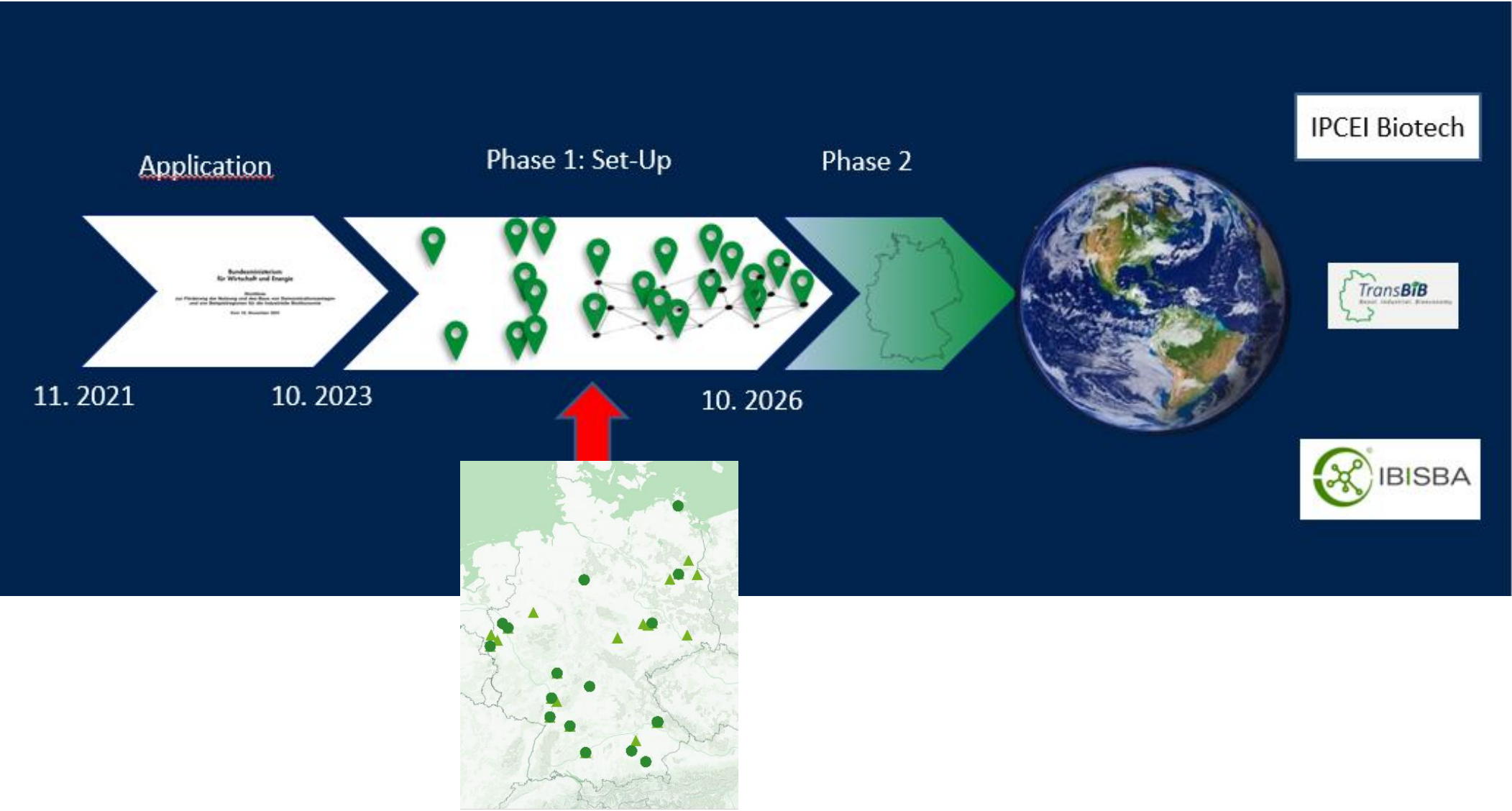




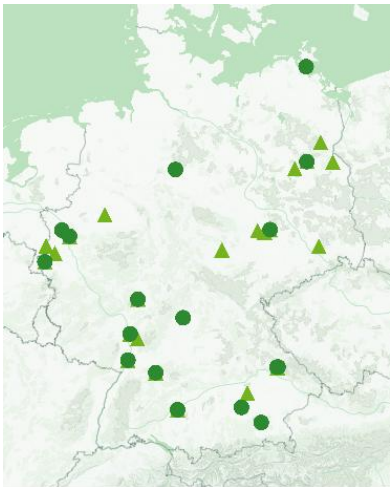
3 years







Competence Regions (CR)

 CLIB networking biotechnology creating sustainability	 TechnologieRegion Karlsruhe	 BioEconomy Cluster	 CREATE	 BioMatPro Research network Modelregion Bioeconomy	 BioZ Biobased innovations from time and middle Germany	 BERLIN PARTNER für Wirtschaft und Technologie	 Wirtschaftsförderung Region Stuttgart	 Metropolregion Rhein-Neckar	 BioIndustry
 Institut GEMIT	 FrankfurtRheinMain	 food.net:z	 LAND.VISION	 Holz-21 regio	 Rheinisches Revier	 ZUKUNFT AUS BRANDENBURG	 INGRAIN	 STADT STRAUBING	 Land-Innovation Lausitz
 TKoR Technologie- und Kompetenzzentrum organisches Reststoffrecycling (TKoR)	 Cluster Forst und Holz in Bayern	 abonocare							
 Startup Labor Schwedt	 HBC. HOCHSCHULE BIBERACH UNIVERSITY OF APPLIED SCIENCES	 DICE							

26 CR on website

> 1000 organisations

44 CR onboarding

BioEconomy e.V.

Bundled expertise for the efficient use of biomass in Central Germany

The vision of **BioEconomy e.V.** is to establish Central Germany as a model region for the bioeconomy. With almost 50 members from industry and research as well as partner associations, the cluster brings together outstanding expertise in the material, chemical and energy utilisation of wood and other non-food biomass.

Products & topics

- Raw materials
- Green chemicals
- Green materials
- Paper
- Food
- Energy production
- Process technology and plant engineering
- Co-production and cascade utilisation
- Transformation strategy



BioEconomy Cluster



Arvid Friebe
BioEconomy e.V.
✉ arvid.friebe@bioeconomy.de
🌐 LinkedIn

WEBSITE

Projects

- [Services & Projects - BioEconomy e.V.](#)

Stakeholders

- [Members - BioEconomy e.V.](#)

The **BioEconomy e.V.** networks players from various economic and research sectors (e.g. the timber and forestry industry, chemical and plastics processing industry, paper industry, mechanical and plant engineering and energy industry), with a focus on the industrial realisation of processes. The cluster thus uniquely combines practice-oriented expertise along the entire value chain of the natural raw material wood and other non-food biomass. If you are interested in the activities of our cluster, please contact us.

BioZ

Cross-sectoral value creation networks in the agricultural, food and chemical industries

BioZ is an innovation ecosystem with over 80 partners from industry and research. Sugar, starch, fat and protein-rich material flows are to be refined into high-quality products.

Products & topics

- Green chemicals
- Green materials
- Plant-based foods
- Process water cycles

Industries

- Agriculture
- Food
- Chemistry

Feedstock

Startup Lab Schwedt



BioZ
Bioaktive Innovationen aus Zeltz und Mitteldeutschland



Dr. Christina Peters
PIC PI Innovation Culture GmbH
✉ christina.peters@pic-culture.de
🌐 LinkedIn

WEBSITE

STARTUP LABOR SCHWEDT



Sascha Lademann
Eberhard University for Sustainable Development – Startup Lab project



Juliane Epping
Brandenburg Economic Development Corporation (WBK)
✉ info@startuplabor-schwedt.de
🌐 LinkedIn

WEBSITE

Land-Innovation-Lausitz

Lausitz as a model region for adapting land use to cli...



Land Innovation Lausitz



Dr. Thomas Maurer
Leibniz-Zentrum für Agrarlandschaftsforschung (ZALF)
✉ maurer@zalf.de
🌐 LinkedIn

WEBSITE

Industries

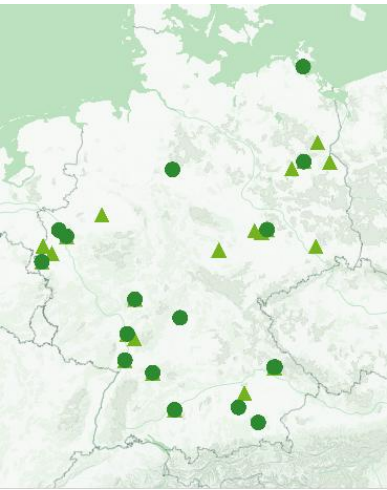
- Chemistry
- Plastics
- Composite materials
- Paper
- Food
- Energy
- Forestry
- Agriculture
- Plant engineering
- Sensor technology

Feedstock

- Lignocellulose
- Sugar
- Residues

Processes

- Bio- and chemocatalytic as well as thermal processes
- Fibre processing
- Separation processes
- Fermentation
- Algae biotechnology
- Plant engineering



Not registered yet?

- **Connecting: People – Institutions – Competence Regions**
- **Knowledge: Collect and Transfer**
- **Scale-Up: Products and Processes**

- **Events:**
 - **Trainings**
 - **Learning Lounges**
 - **Local Networking Events**
 - **TransBIB Annual Symposium**



- **Matchmaking Platform**

➤ Events:

- Trainings
- Learning Lounges
- Local Networking Events
- TransBIB Annual Symposium



➤ Matchmaking Platform

TransBIB-Symposium
Greifswald

26.-27. Juni 2025

Jetzt anmelden!

Anmeldeschluss: 17.06.2025



Event details

TransBIB-Symposium Greifswald

Straze

Kultur- und Initiativenhaus Greifswald e. V.

Stralsunder Straße 10

17489 Greifswald

from: 2025-06-26 08:30

to: 2025-06-27 12:00

transbib-mrn@m-r-n.com

€

Participation is free of charge.

Hotel list Greifswald

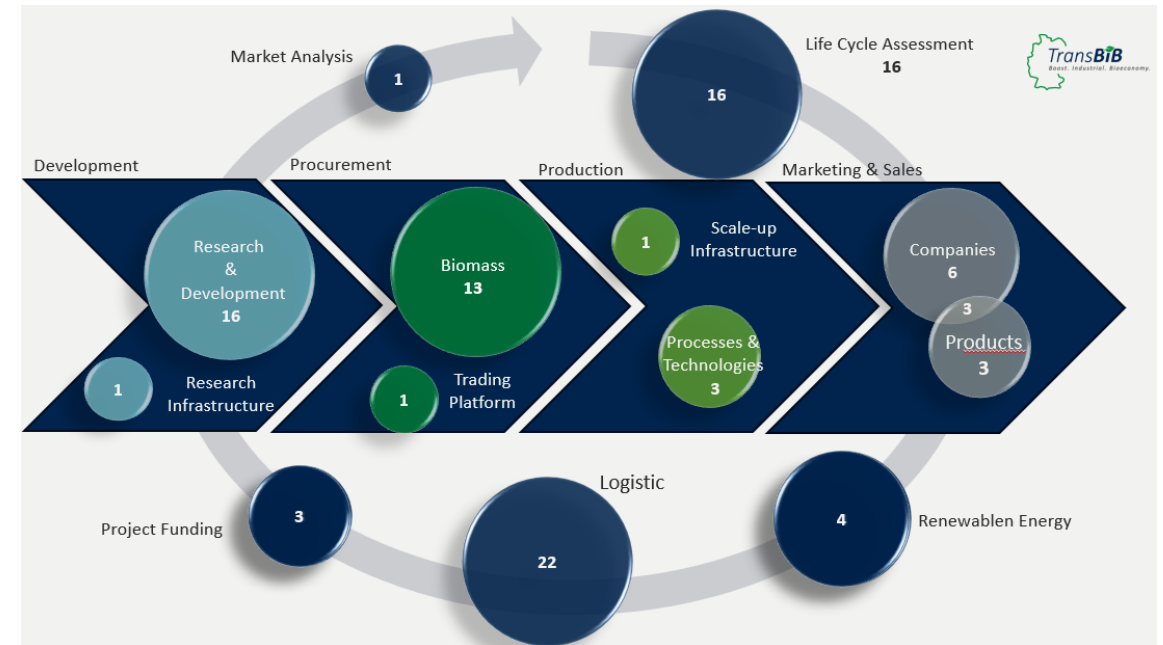
Register now

➤ **Connecting: People – Institutions – Competence Regions**

➤ **Knowledge: Collect and Transfer**

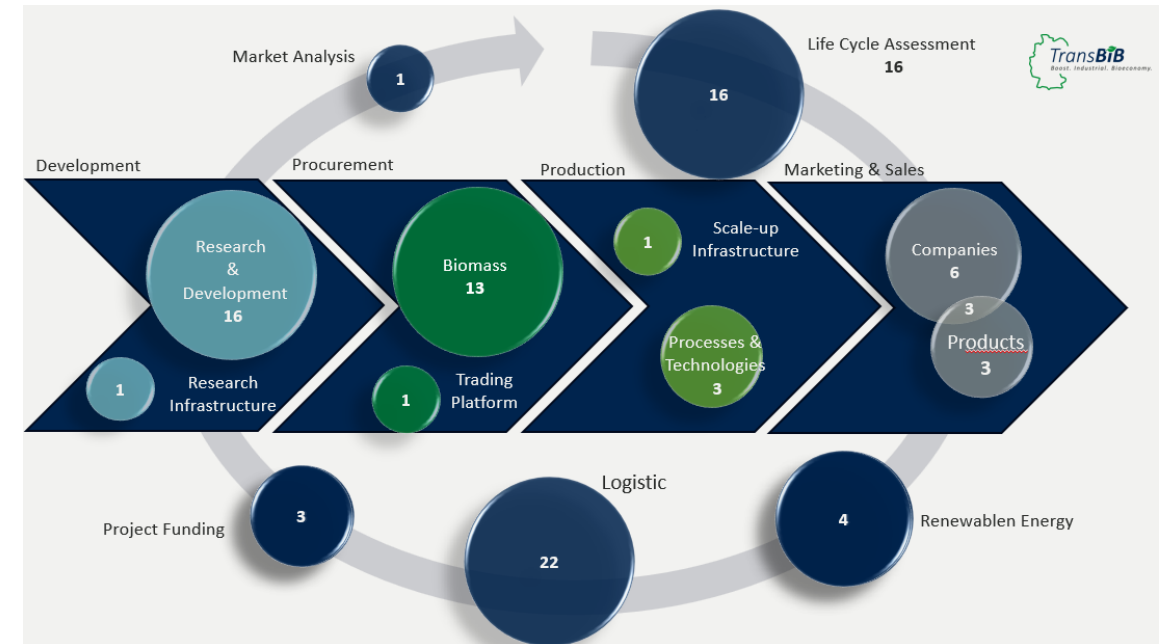
➤ **Scale-Up: Products and Processes**

➤ Bioeconomy Data Bases

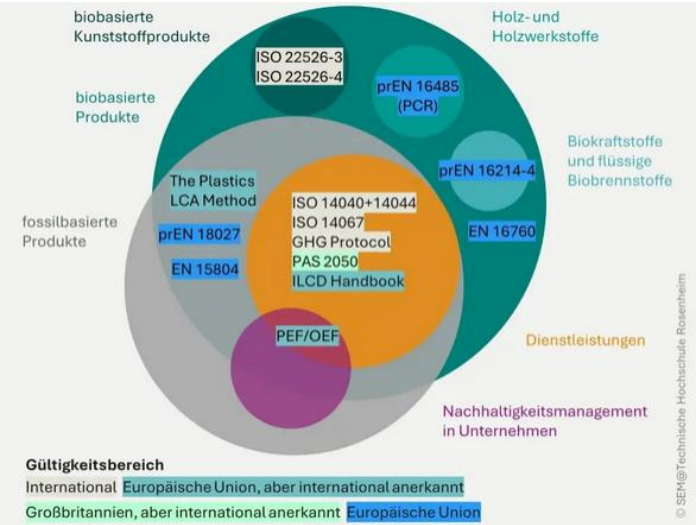


➤ Bioeconomy Data Bases

Title	Content	Installation	Link
DE-top biomasses	1. Bioeconomic potential, mobilizable, residual material/raw material potential, technical, theoretical	German Biomass Research Center (DBFZ)	https://datalab.dbfz.de/resdb/ranking?lang=en
DE biomass monitor	1. Bioeconomic potential, biomass, potential 2. Products and markets , intermediate/target products, target markets 5. Forms of use, energy use, material use	German Biomass Research Center (DBFZ)	https://datalab.dbfz.de/resdb/potentials?lang=en
EU Biomass Potential Atlas	1. Bioeconomic potential, theoretical, residue/raw material potential, biomass	German Biomass Research Center (DBFZ)	https://datalab.dbfz.de/resdb/maps?lang=en
Federal Forest Inventory results database	1. Bioeconomic potential, biomass 7. Wood and forest, inventory data (stock, growth, forest composition)	Federal Ministry of Food and Agriculture; database management: Thünen Institute	https://bwi.info/
Input quantities of renewable raw materials	1. Bioeconomic potential, market analysis, key figures 2. Products and markets, intermediate/target products	Agency for Renewable Resources (FNR)	https://statistik.fnr.de/index.php



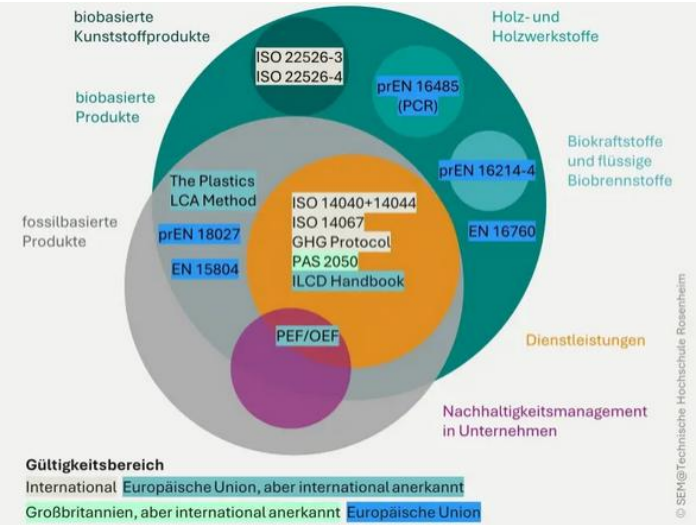
➤ Regulation and Certification



Qualität			Normen und Standards													
1	2	3	ISO 14040 und 14044	ISO 14067	ISO 22526-3	ISO 22526-4	EN 16760	prEN 18027	EN 15804 + prEN 16485 (PCR)	EN 16214-4	ILCD Handbook	PAS 2050 + Guide	GHG Protocol	PEF	The Plastics LCA method	
Gering	Hoch															
Vergleichskriterien	Zielsetzung	2	2	2	3	2	2	3	2	3	2	2	3	2	3	2
	Systemgrenze	3	2	2	3	3	2	3	1	3	3	3	3	3	3	3
	LCI Ressourcen und Emissionen	1	2	2	2	2	2	3	2	2	2	2	2	3	2	2
	LCI Biogener und nicht-biogener C	1	2	2	2	1	2	3	1	2	1	1	1	1	1	1
	LCIA Wirkungskategorien	1	2	2	3	1	1	3	1	3	2	2	2	3	3	3
	Abschneidekriterien	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3
	Allokation Produkt/ Kuppelprodukt	2	2	1	3	3	2	3	1	2	2	2	2	3	3	3
	EoL-Allokation Recycling/ Kaskadennutzung	3	3	1	1	1	1	3	1	3	3	3	3	3	3	3
	Gutschriften Recycling/ Kaskadennutzung	2	3	1	1	1	1	3	2	1	1	3	3	3	3	3
	Gutschriften Speicherung von biogenem C	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1
	Berichterstattung über biogenen und nicht-biogenen C	1	3	2	2	2	2	2	2	2	2	2	2	3	3	3

© SEM@Technische Hochschule Rosenheim

➤ Regulation and Certification



Qualität		Normen und Standards												
		ISO 14040 und 14044	ISO 14067	ISO 22526-3	ISO 22526-4	EN 16760	prEN 18027	EN 15804 + prEN 16485 (PCR)	EN 16214-4	ILCD Handbook	PAS 2050 + Guide	GHG Protocol	PEF	The Plastics LCA method
Vergleichskriterien	Zielsetzung	2	2	2	3	2	2	3	2	3	2	2	3	3
	Systemgrenze	3	2	2	3	3	2	3	1	3	3	3	3	3
	LCI Ressourcen und Emissionen	1	2	2	2	2	2	3	2	2	2	2	3	2
	LCI Biogener und nicht-biogener C	1	2	2	2	1	2	3	1	2	1	1	1	1
	LCIA Wirkungskategorien	1	2	2	3	1	1	3	1	3	2	2	3	3
	Abschneidekriterien	2	2	2	2	2	2	2	1	2	2	2	3	3
	Allokation Produkt/ Kuppelprodukt	2	2	1	3	3	2	3	1	2	2	2	3	3
	EoL-Allokation Recycling/ Kaskadennutzung	3	3	1	1	1	1	3	1	3	3	3	3	3
	Gutschriften Recycling/ Kaskadennutzung	2	3	1	1	1	1	3	2	1	1	3	3	3
	Gutschriften Speicherung von biogenem C	1	1	1	1	2	3	2	2	2	2	1	1	1
	Berichterstattung über biogenen und nicht-biogenen C	1	3	2	2	2	2	2	2	2	2	2	3	3

➤ Scale-Up Plants

Anlagen		Produkt		Standort		Status		Bemerkungen	
1. Biogas	1.1	Biogas	1.1.1	1.1.1.1	1.1.1.1.1	1.1.1.1.1	1.1.1.1.1	1.1.1.1.1	1.1.1.1.1
2. Bioethanol	2.1	Bioethanol	2.1.1	2.1.1.1	2.1.1.1.1	2.1.1.1.1	2.1.1.1.1	2.1.1.1.1	2.1.1.1.1
3. Bioplastik	3.1	Bioplastik	3.1.1	3.1.1.1	3.1.1.1.1	3.1.1.1.1	3.1.1.1.1	3.1.1.1.1	3.1.1.1.1
4. Biokraftstoffe	4.1	Biokraftstoffe	4.1.1	4.1.1.1	4.1.1.1.1	4.1.1.1.1	4.1.1.1.1	4.1.1.1.1	4.1.1.1.1
5. Biokunststoffe	5.1	Biokunststoffe	5.1.1	5.1.1.1	5.1.1.1.1	5.1.1.1.1	5.1.1.1.1	5.1.1.1.1	5.1.1.1.1

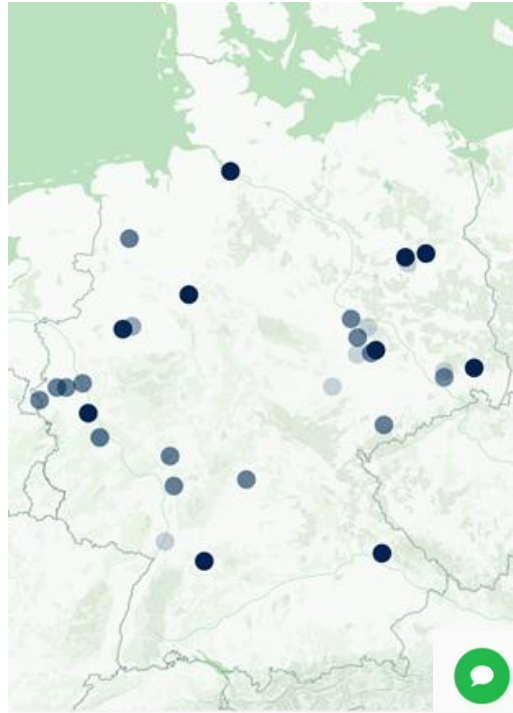
➤ Scale-Up Plants



Register your Plant



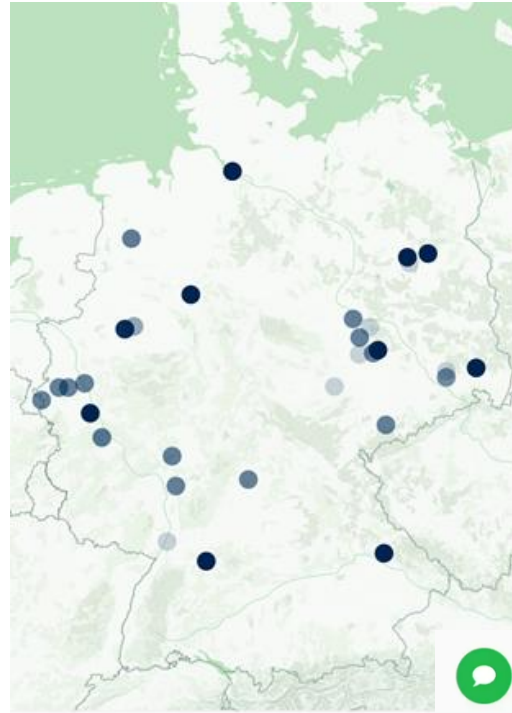
➤ Scale-Up Plants



Register your Plant



➤ Scale-Up Plants



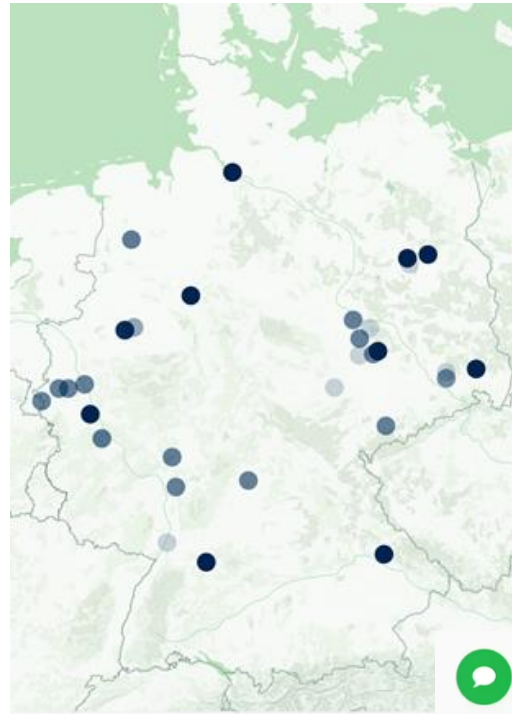
Register your Plant



➤ Cost Estimation

➤ Scale-Up Guide

➤ Scale-Up Plants



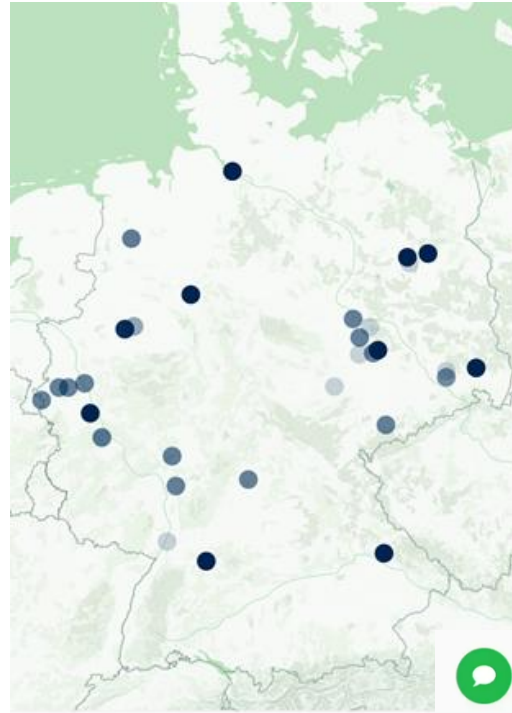
Register your Plant



➤ Cost Estimation

➤ Scale-Up Guide

➤ Scale-Up Plants



Register your Plant



➤ Cost Estimation

➤ Scale-Up Guide



Thank you!

www.transbib.de



TransBIB

Boost. Industrial. Bioeconomy.

DEMO Plant



Competence Regions



Competence Pool



You are welcome to join TransBIB!

