

About prospects and challenges of a bio-based industry

The Danube region

9 EU countries + 5 non-EU countries; 1/5 of EU's territory
114 million people



Project co-funded by European Union funds (ERDF, IPA)

DanuBioValNet

15 Project Partners + 2 Associated Partners
10 Countries

Germany

- **BIOPRO Baden-Württemberg GmbH**
- ClusterAgentur Baden-Württemberg
- **Ministry of Economic Affairs, Labour & Housing Baden-Württemberg**

Czech Republic

- National Cluster Association

Austria

- Foodcluster OÖ
- Cleantechcluster OÖ

Slovenia

- Ministry of Science
- Anteja ECG

Croatia

- Ministry of Economy, Entrepreneurship and Crafts
- Croatian Wood Cluster

Slovakia

- Prounion

Romania

- Ministry of Economy
- Clustero
- Institute of Economical Forecasting

Bulgaria


- Association of Bulgarian Clusters

Serbia

- Institute of Mechanical Engineering

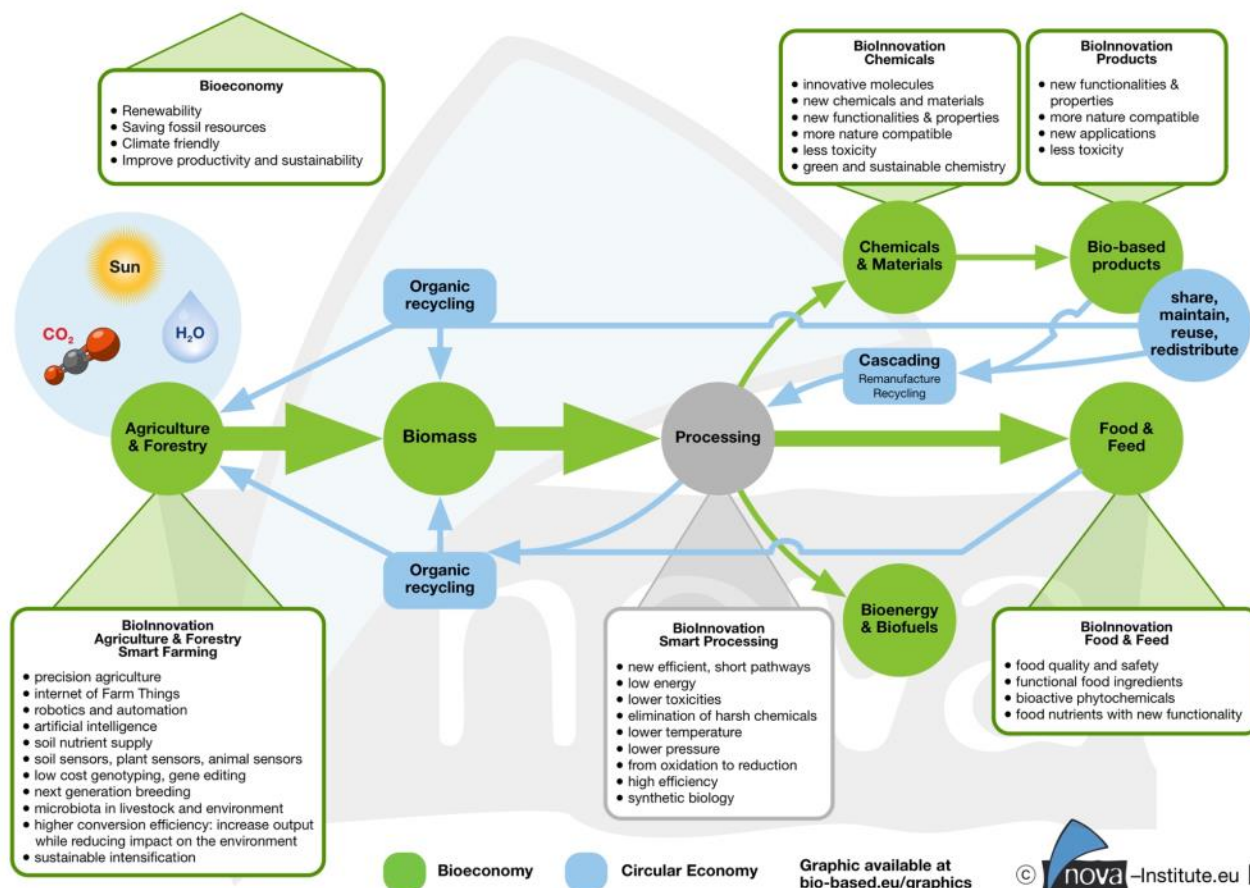
Montenegro

- **Vinecluster of Montenegro**

 Danube Transnational Programme area

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Bioeconomy: More than Circular Economy



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Connecting different industry sectors

Stage 1. Reinforce innovation and extend current infrastructure across the economy



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Connecting different industry sectors

Stage 2. Build and strengthen value chains across industry sectors



Source: BBI

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Connecting different industry sectors

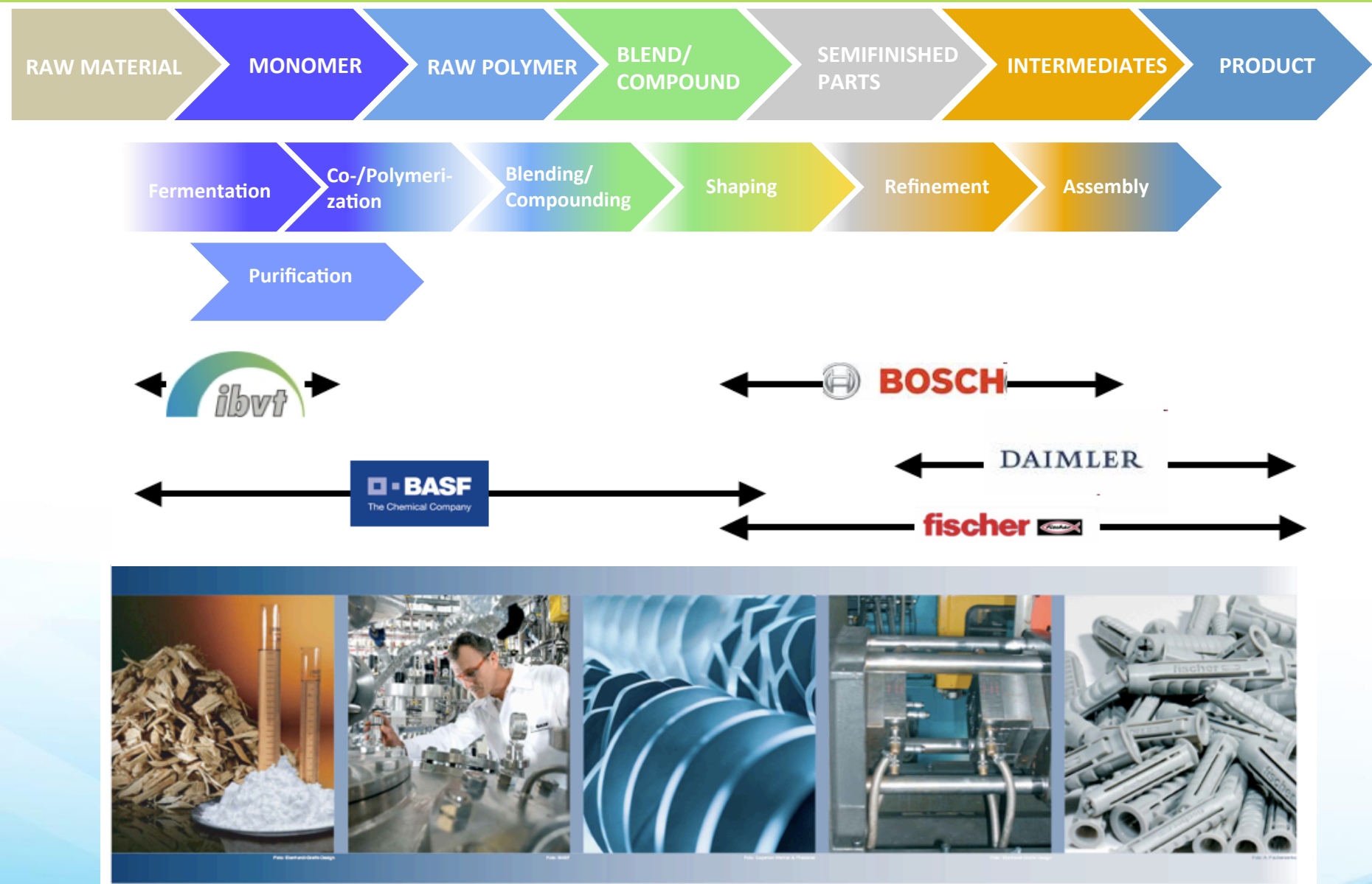
Stage 3. Realise a connected biobased economy from research to end consumer



Source: BBI

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Example for a marketable added value chain: **BIOPLASTIC**







Indoor
Environmental
Quality

Water
Efficiency

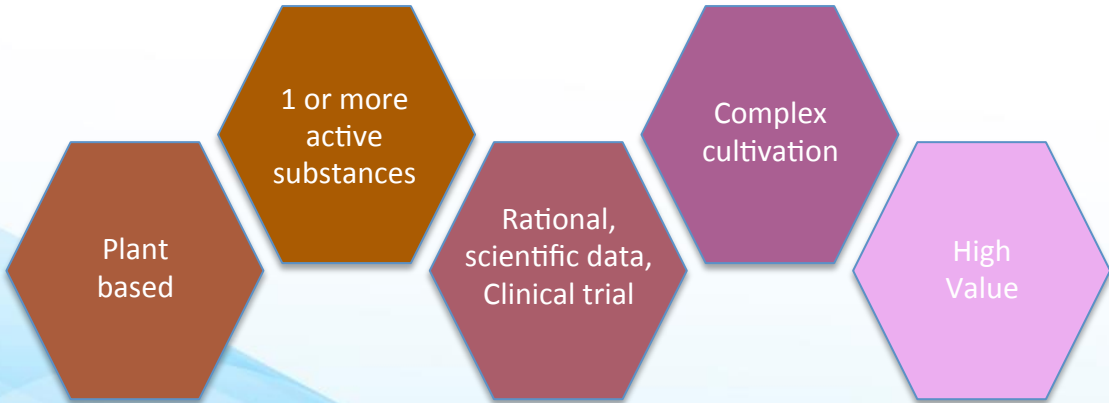
Durable and
Maintainable
Design

Energy
Efficiency

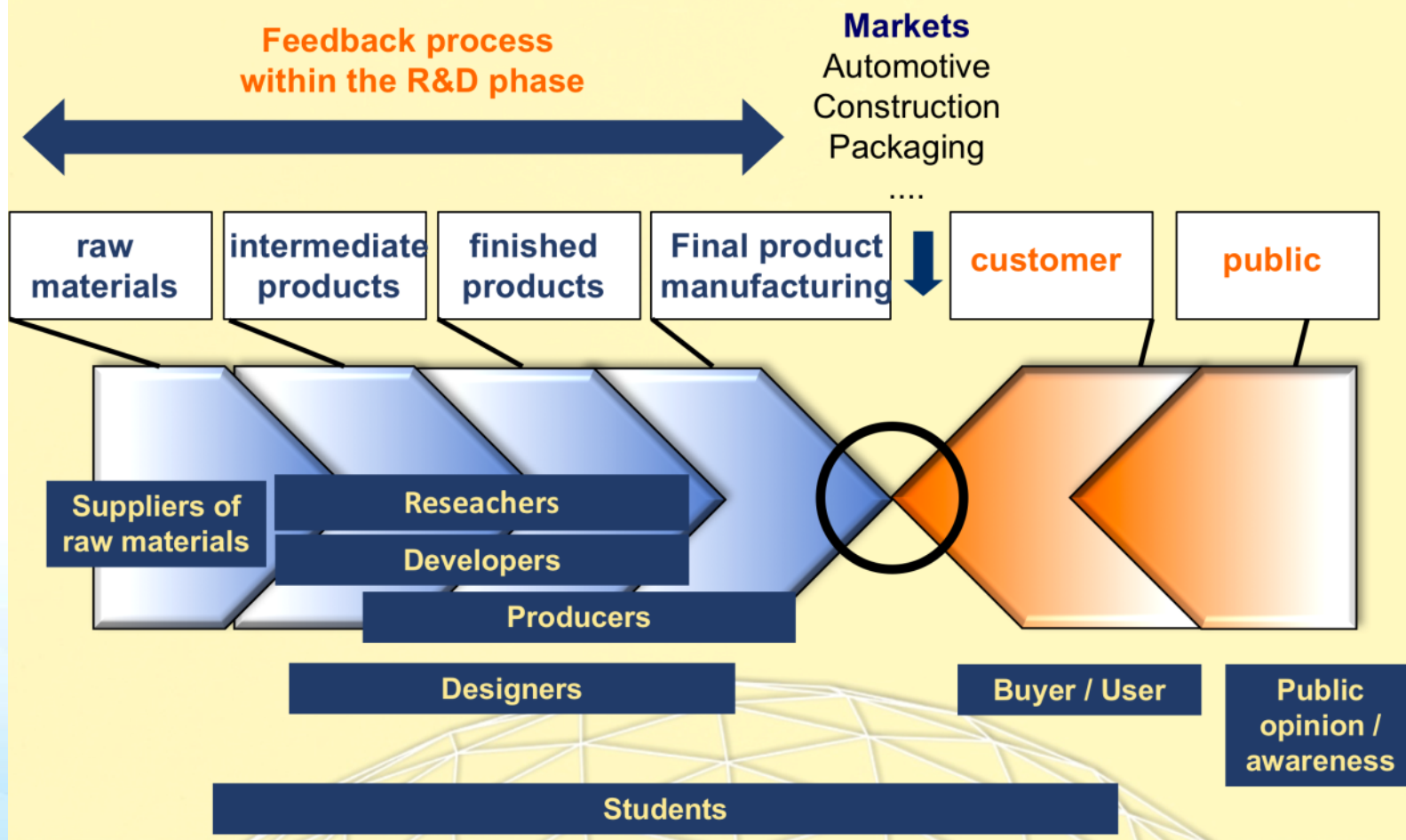
Eco Friendly
Material Use

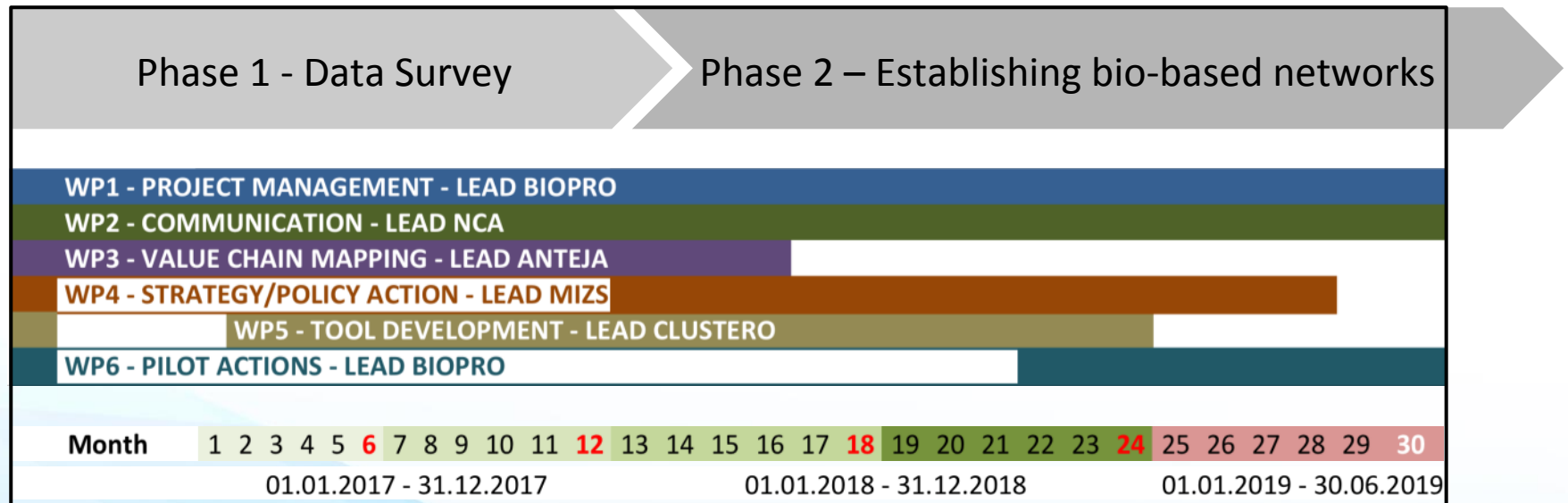
Waste
Reduction

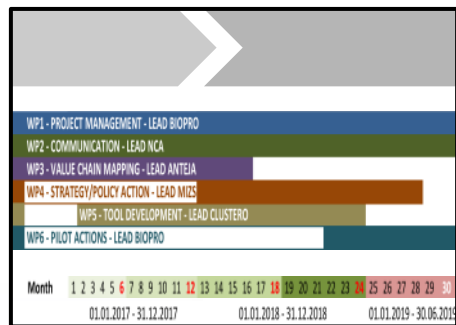
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Integration of all stakeholders within the value added chain

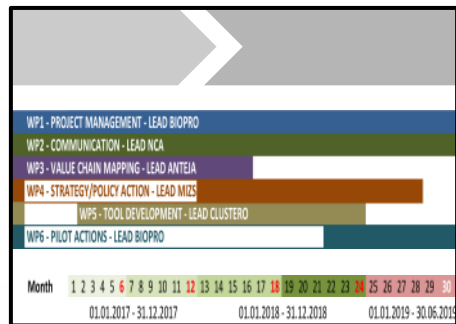






Further projects based on DanuBioValNet's activities **will strengthen and secure** dissemination of the **bio-based industry**; Funding schemes (Cosme, Horizon2020/FP9, regional development funds,...)

DanuBioValNet is **groundbreaking** for further projects



Project co-funded by European Union funds (ERDF)

We believe in a **shared value** development



Because innovative product scenarios in Bioeconomy offer the chance to develop **new business models** on a regional, state-wide, country-wide and **pan-European level**

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But there are also **big threads!!!**



Illegal forest clearance



Exaggerated intensification of
monoculture crop growing



Destroying biodiversity by massive
wild harvesting

We need to develop **sustainable bioeconomic structures**

DanuBioValNet



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THANK YOU FOR YOUR ATTENTION



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