



About prospects and challenges
of a bio-based industry

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

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



Source: BBI

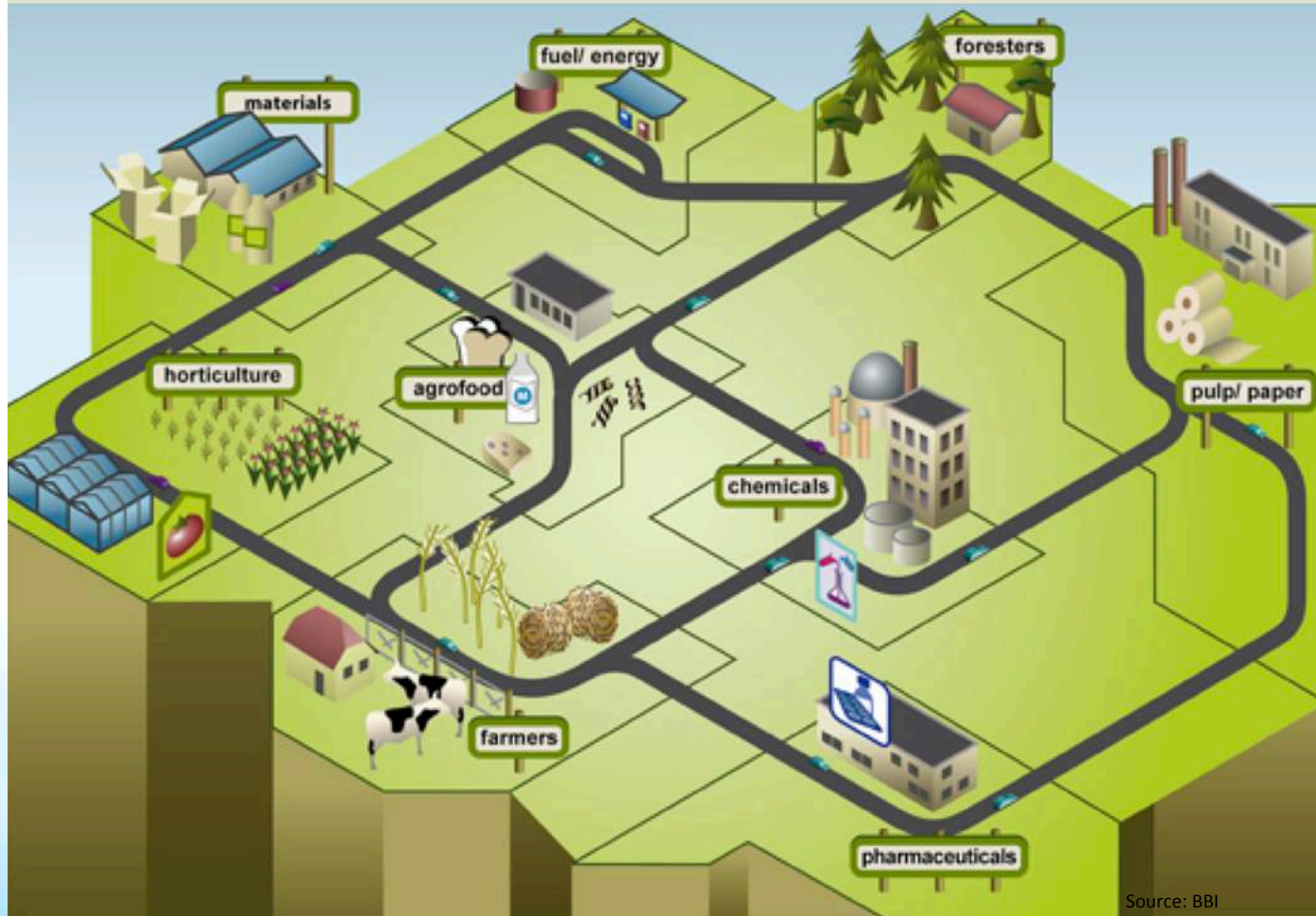
Project co-funded by European Union funds (ERDF, IPA)

Stage 2. Build and strengthen value chains across industry sectors



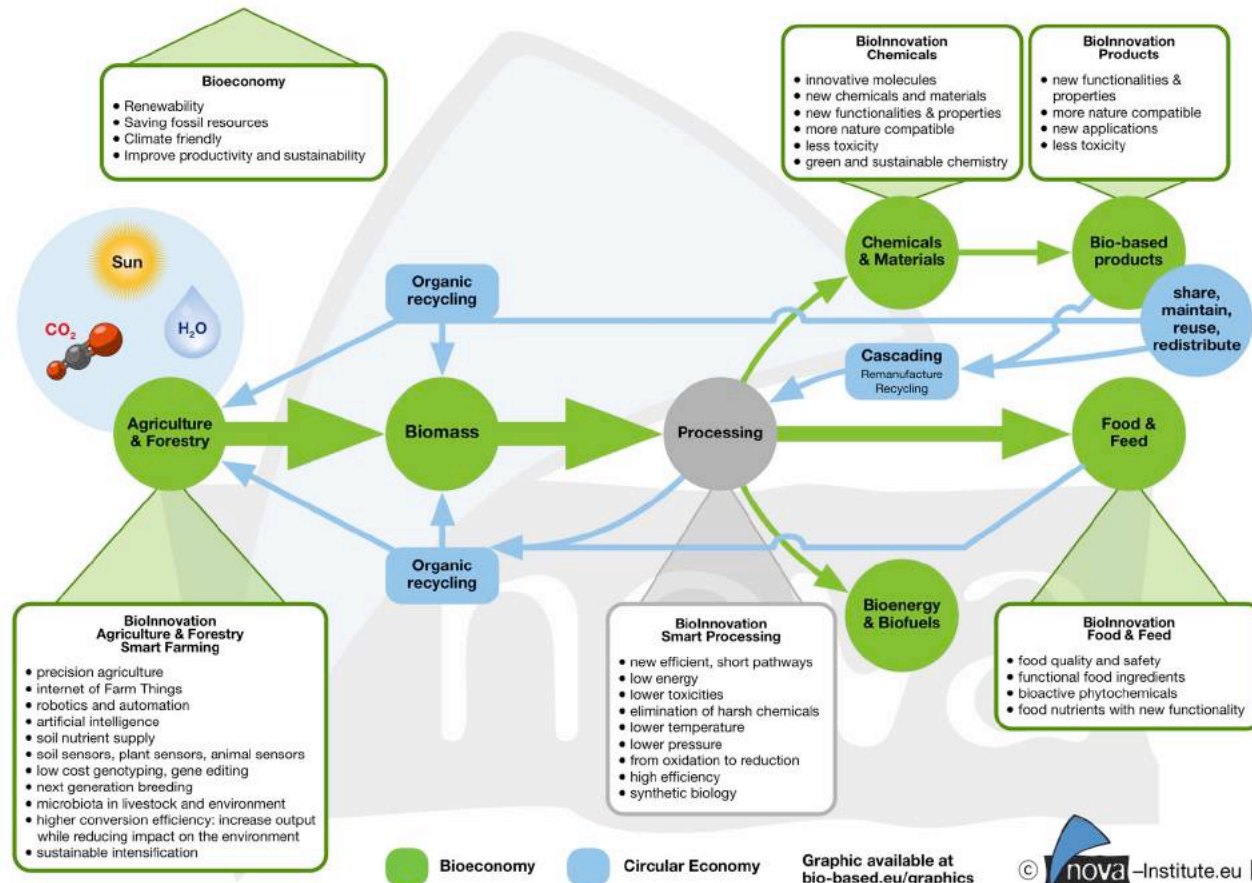
Project co-funded by European Union funds (ERDF, IPA)

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



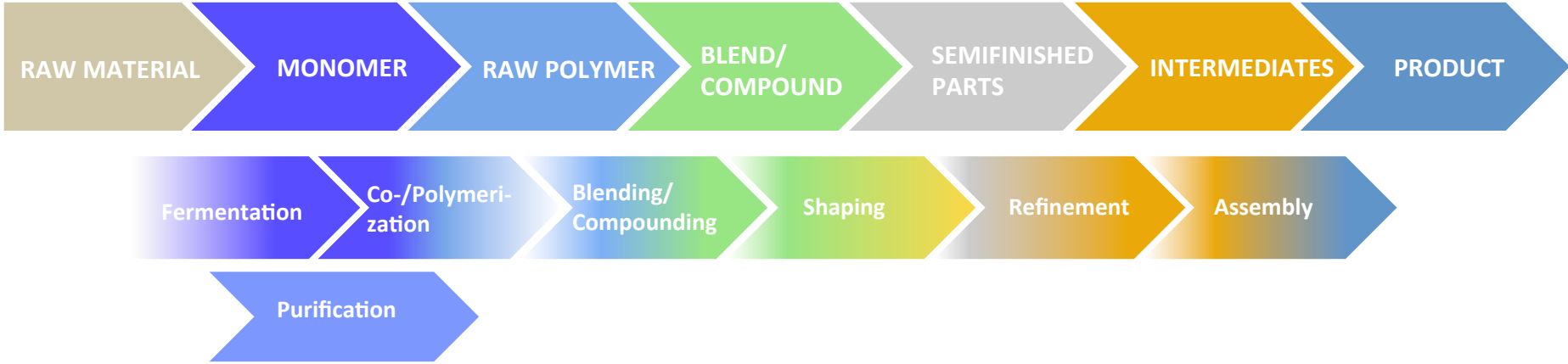
Project co-funded by European Union funds (ERDF, IPA)

Bioeconomy: More than Circular Economy



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

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



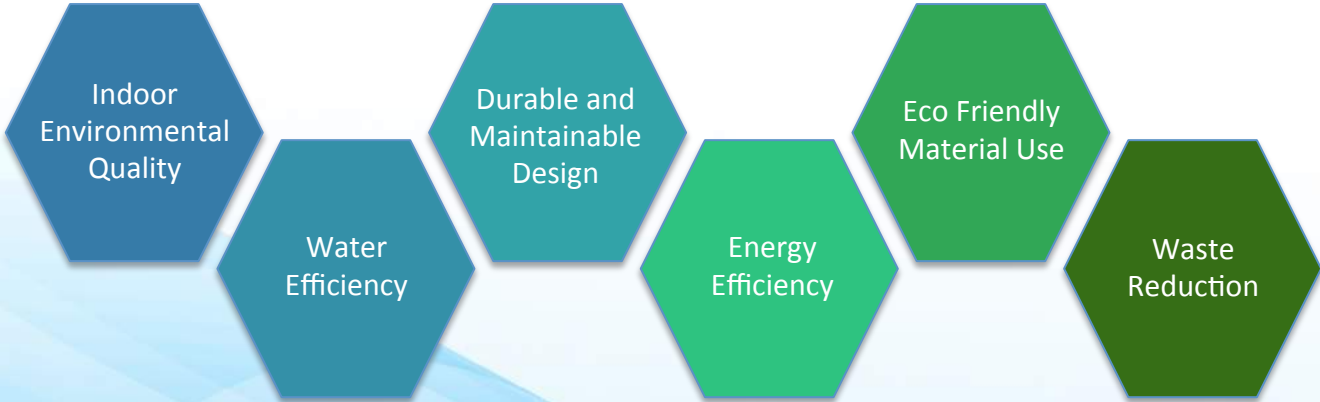
Example for a marketable added value chain: **BIOPLASTIC**



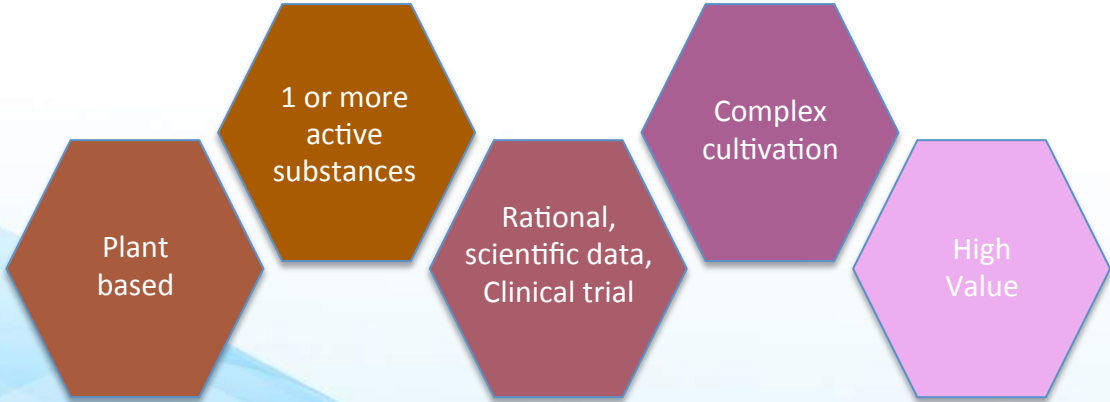


Project co-funded by European Union funds (ERDF, IPA)

Suggested value added chain 2 for DanuBioValNet: **ECO-CONSTRUCTION**

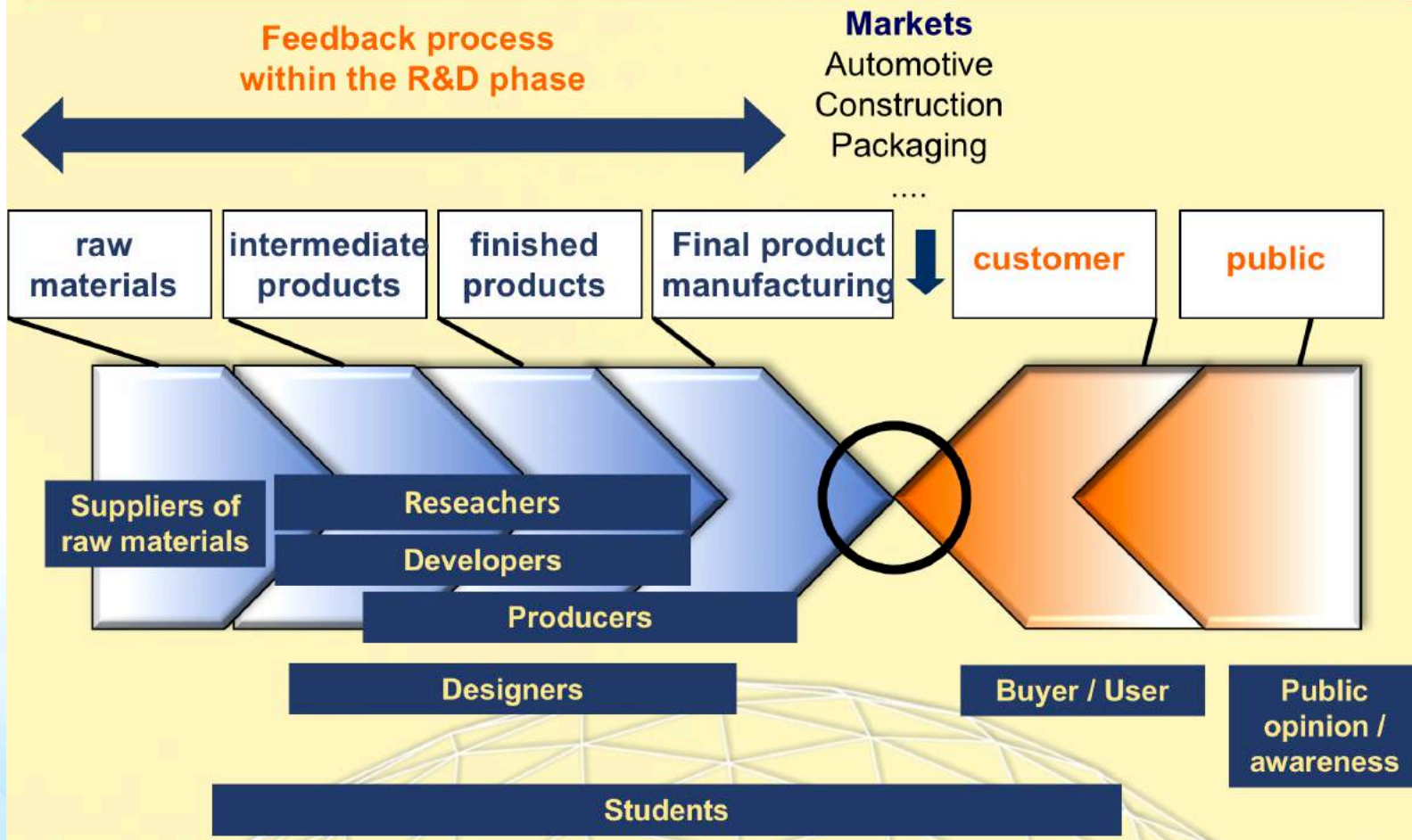


Project co-funded by European Union funds (ERDF, IPA)

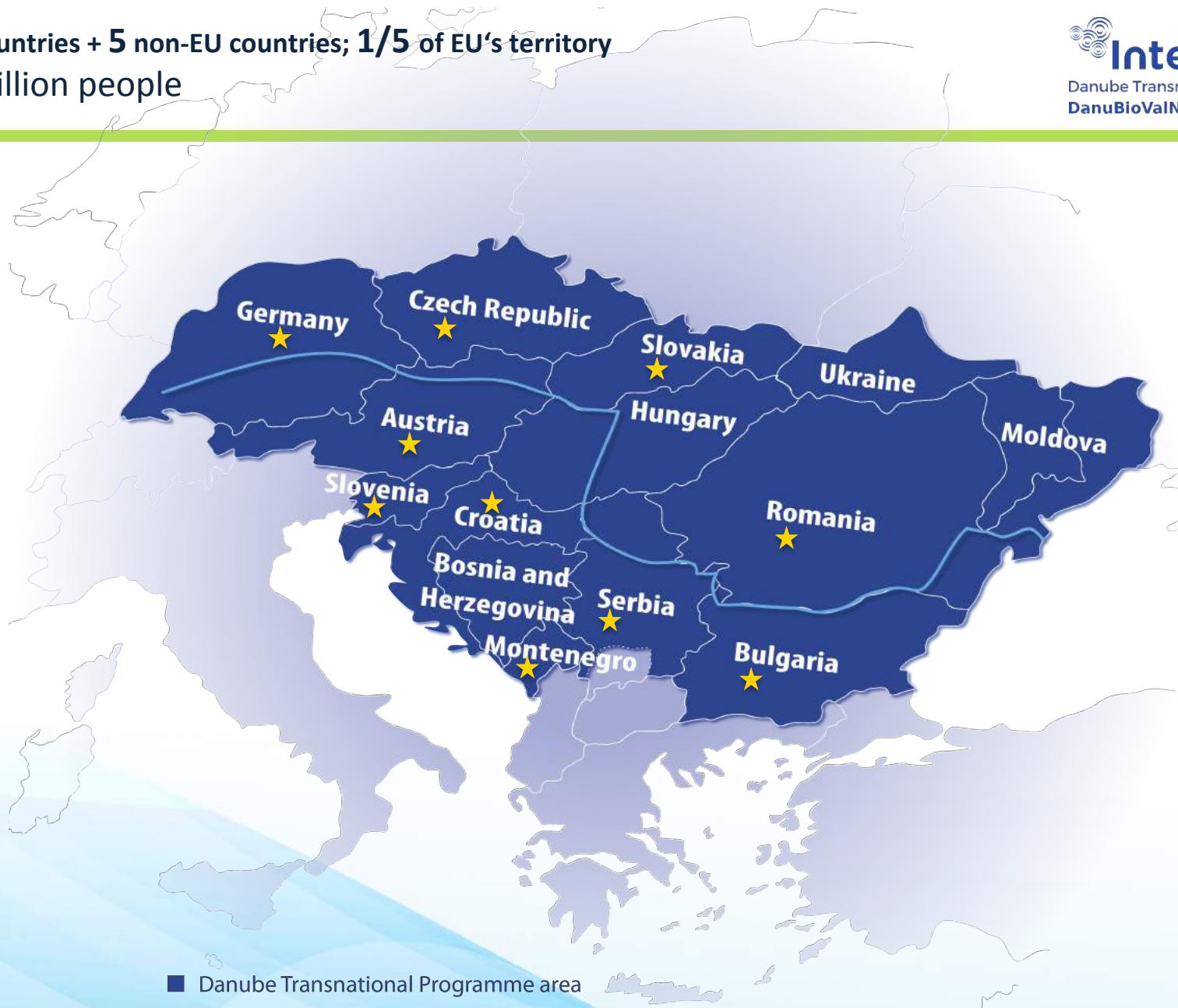


Project co-funded by European Union funds (ERDF, IPA)

Integration of all stakeholders within the value added chain



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)

15 Project Partners + 2 Associated Partners

10 Countries

Germany

- BIOPRO Baden-Württemberg GmbH
- ClusterAgentur 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

■ Danube Transnational Programme area



Slovakia

- Prounion

Romania

- Ministry of Economy
- Clustero
- Institute of Economical Forecasting

Bulgaria

- Association of Bulgarian Clusters

Serbia

- Institute of Mechanical Engineering

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

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

■ Danube Transnational Programme area

Slovakia

- Prounion

Romania

- Ministry of Economy
- Clustero
- Institute of Economical Forecasting

Bulgaria

- Association of Bulgarian Clusters

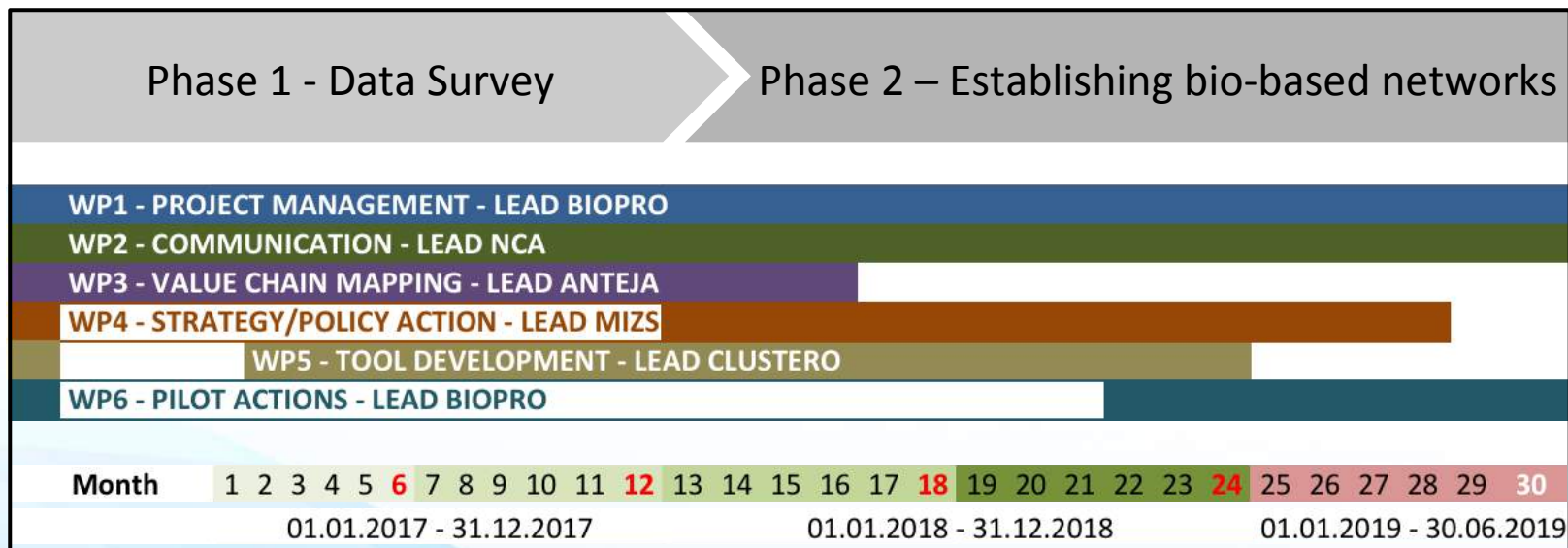
Serbia

- Institute of Mechanical Engineering

Montenegro

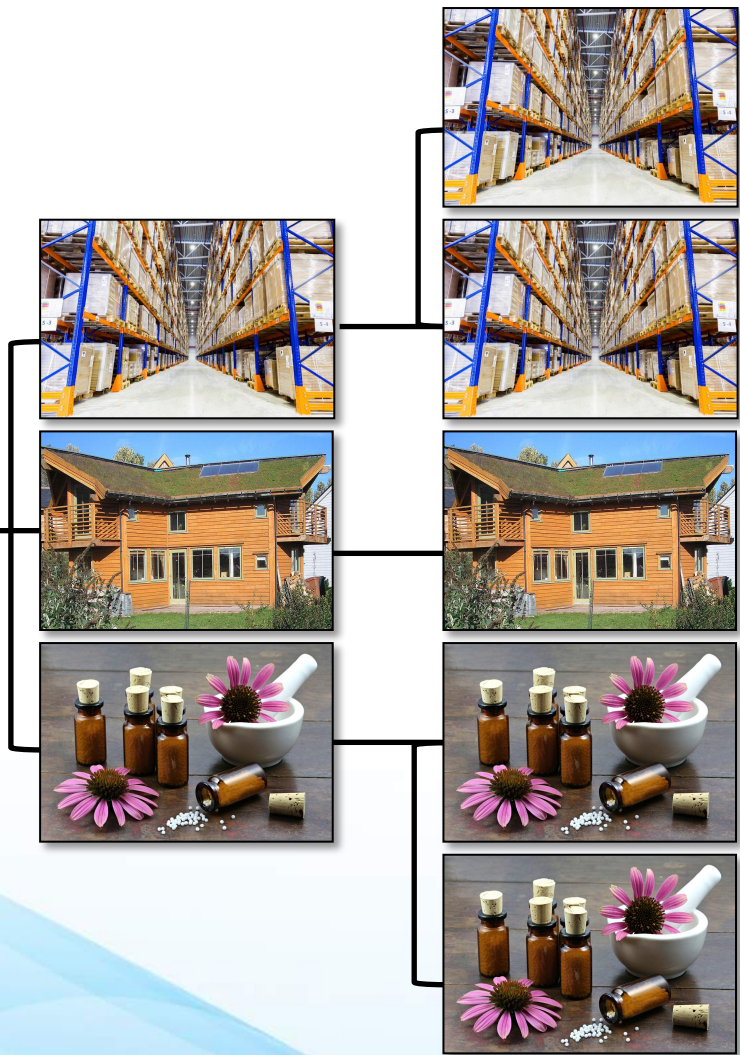
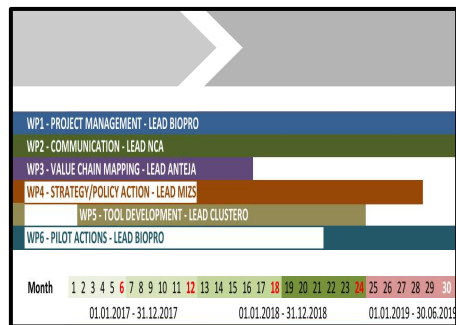
- **Vinecluster of Montenegro**

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



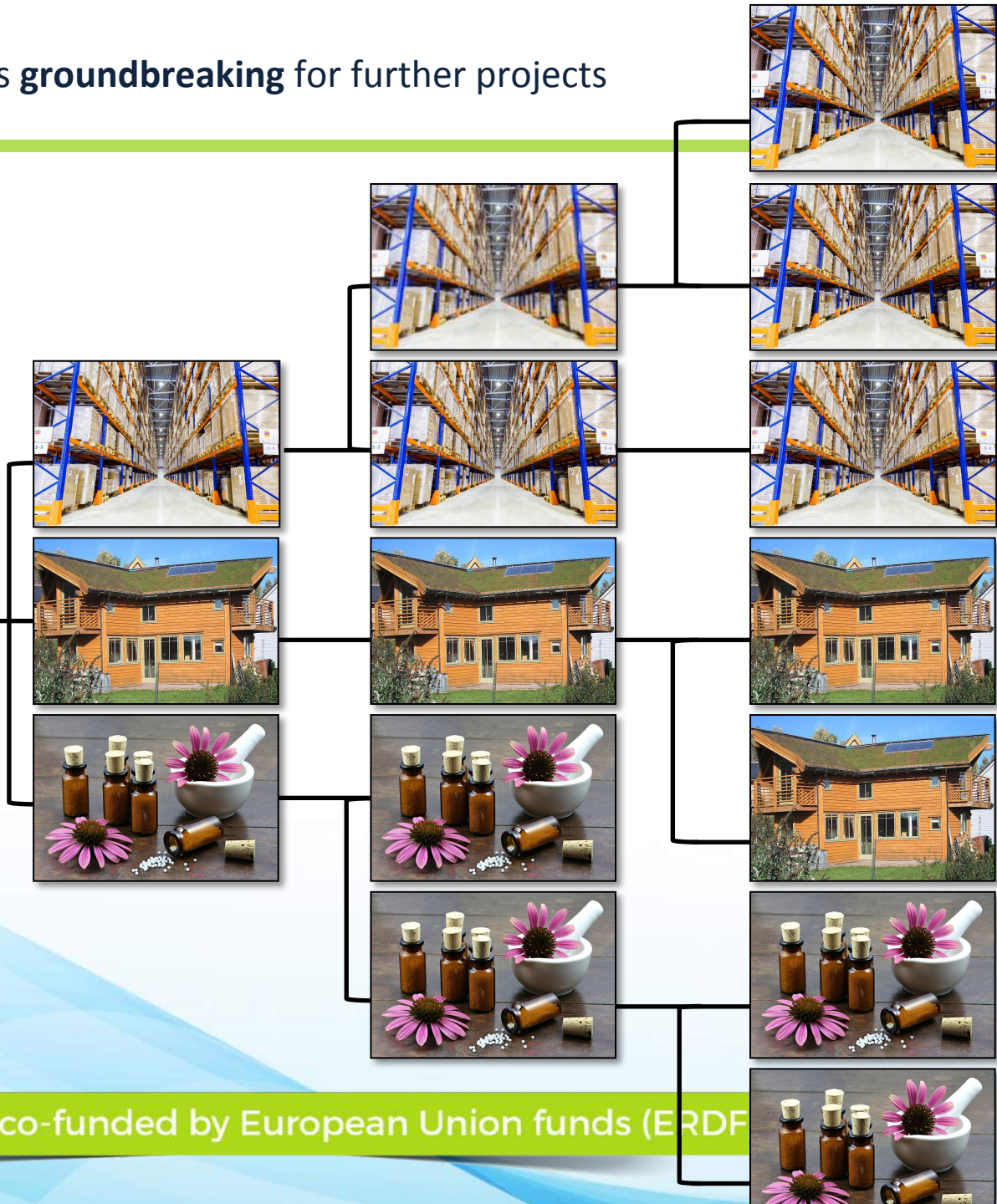
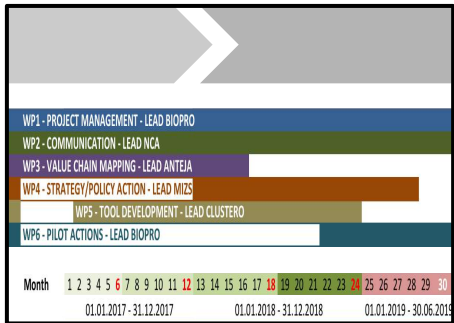
Project co-funded by European Union funds (ERDF, IPA)

DanuBioValNet is groundbreaking for further projects



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

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**

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

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



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

THANK YOU FOR YOUR ATTENTION



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