



# Interreg



EUROPEAN UNION

## Danube Transnational Programme

### DanuBioValNet

About prospects and challenges  
of a bio-based industry

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

# 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

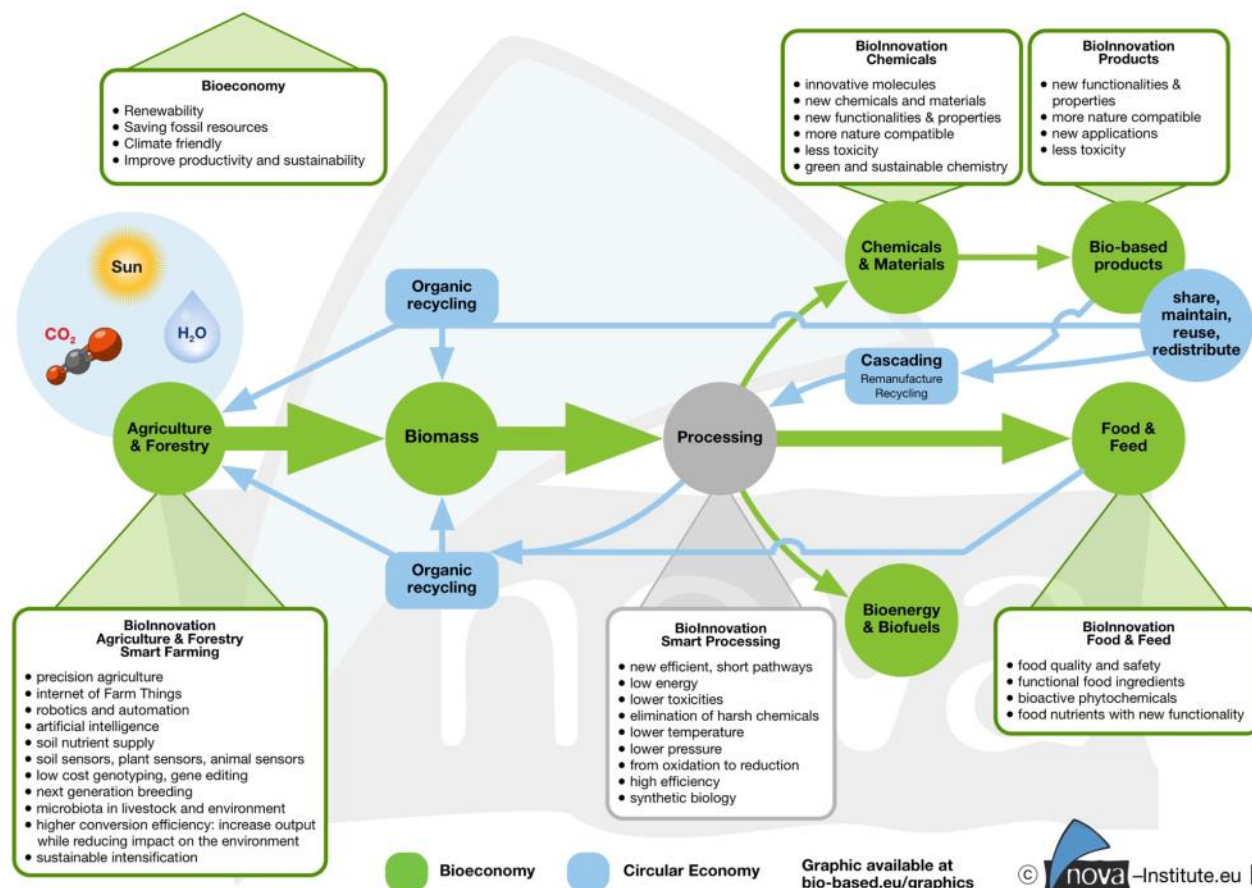
## **Montenegro**

- **Vinecluster of Montenegro**

 Danube Transnational Programme area

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

# 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

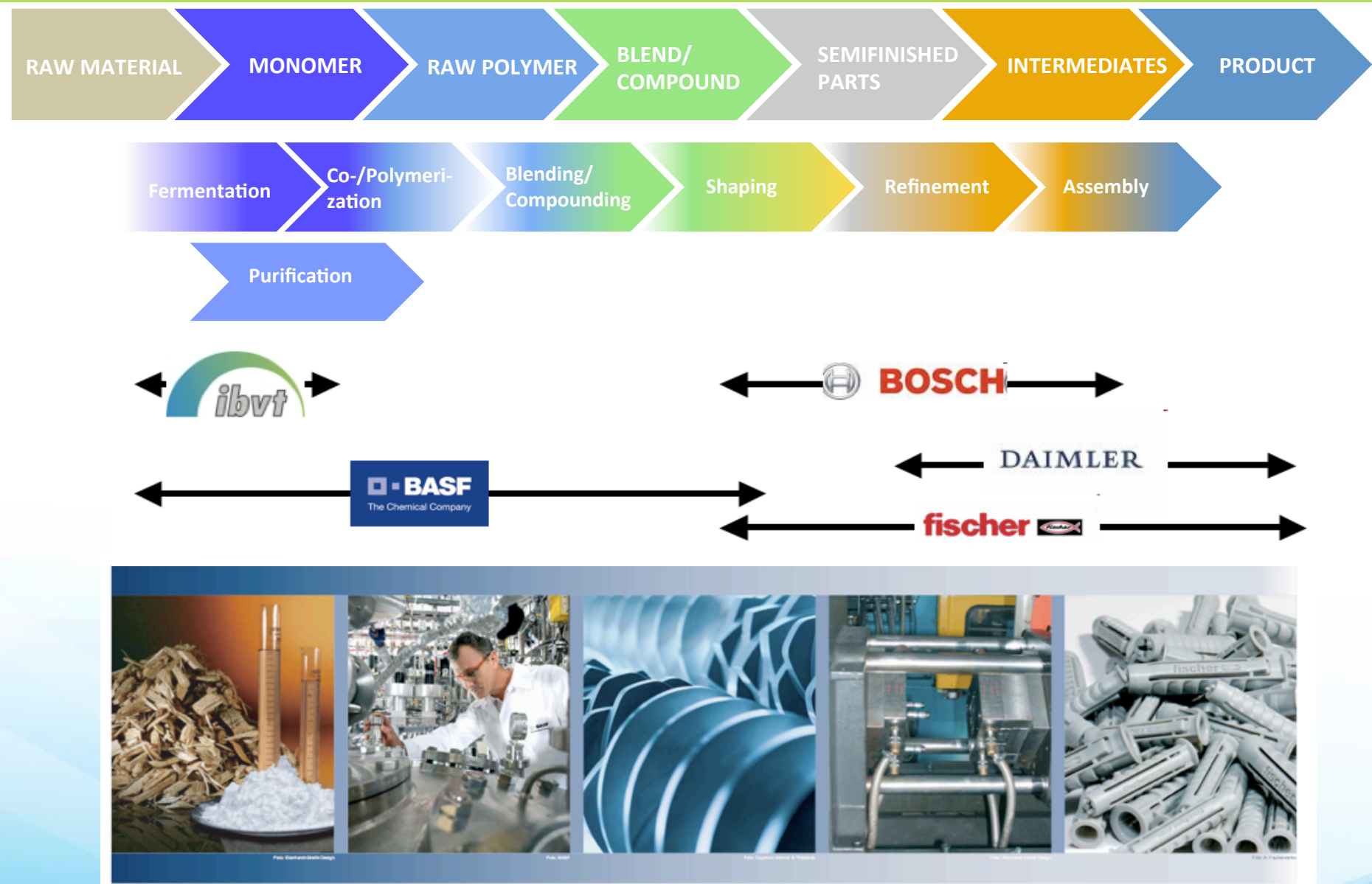
Stage 3. Realise a connected biobased economy from research to end consumer



Source: BBI

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





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Indoor  
Environmental  
Quality

Water  
Efficiency

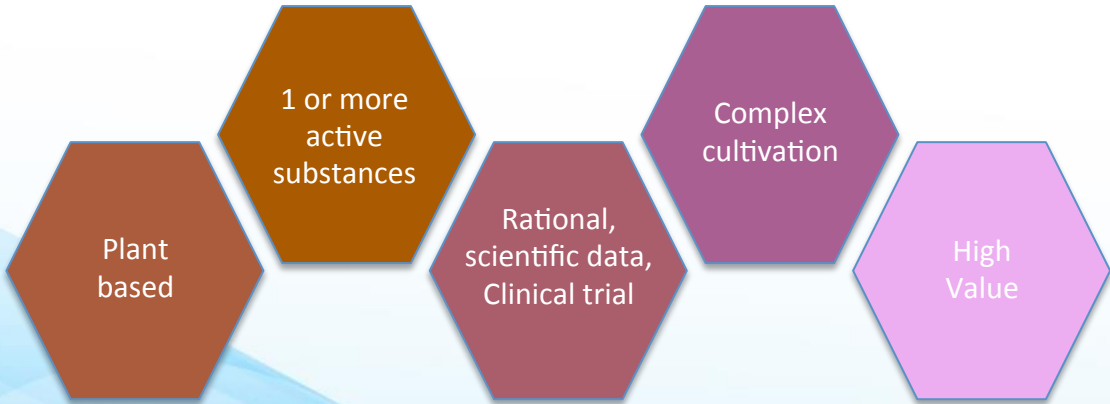
Durable and  
Maintainable  
Design

Energy  
Efficiency

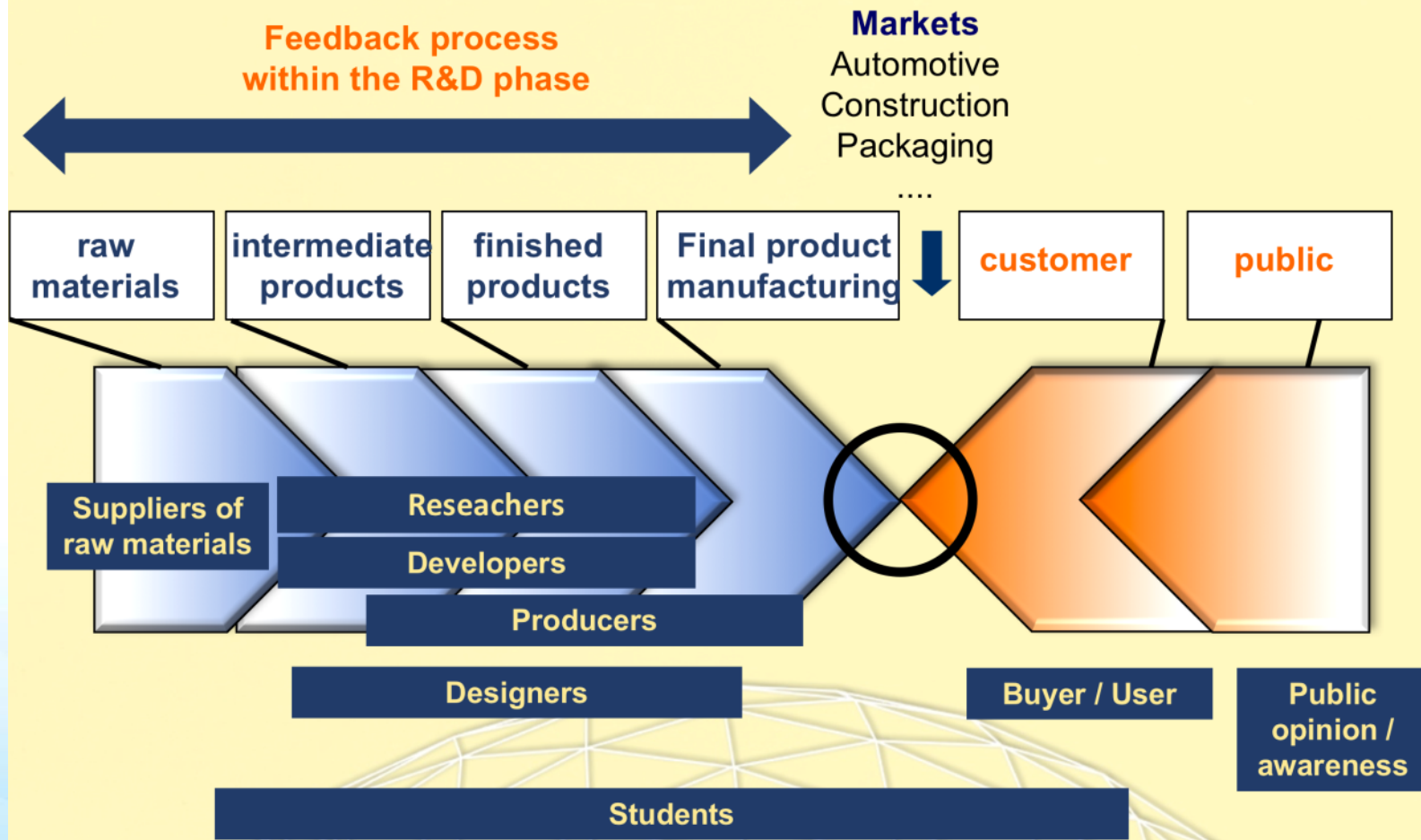
Eco Friendly  
Material Use

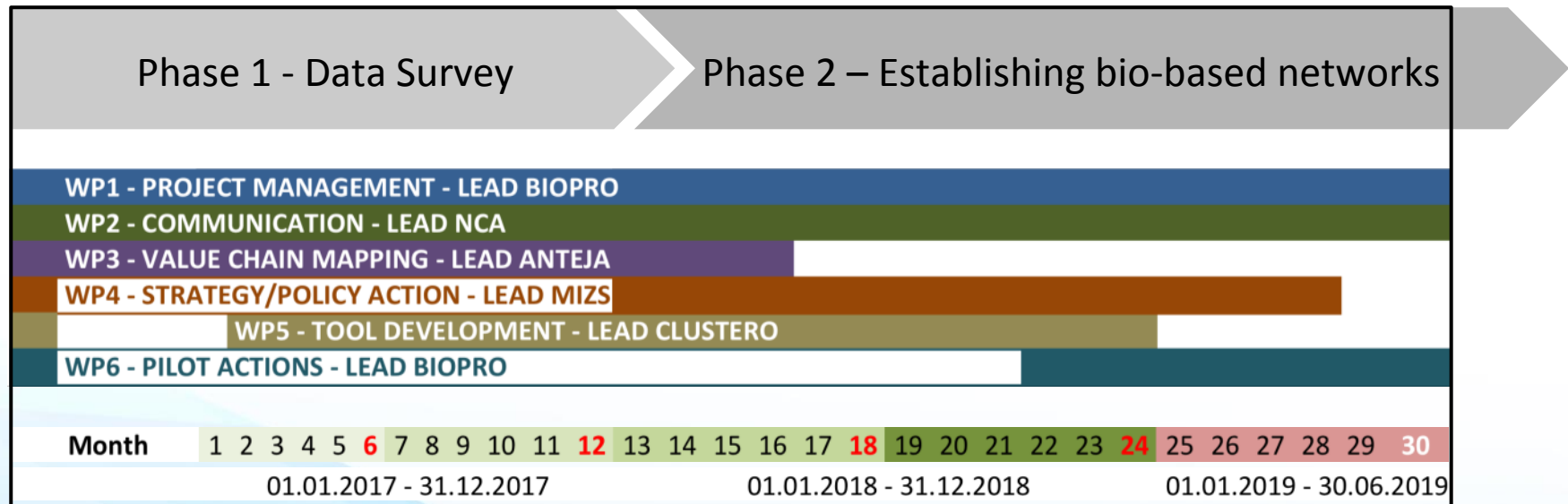
Waste  
Reduction

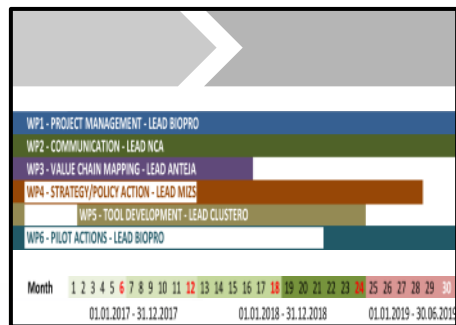
Project co-funded by European Union funds (ERDF, IPA)



## Integration of all stakeholders within the value added chain

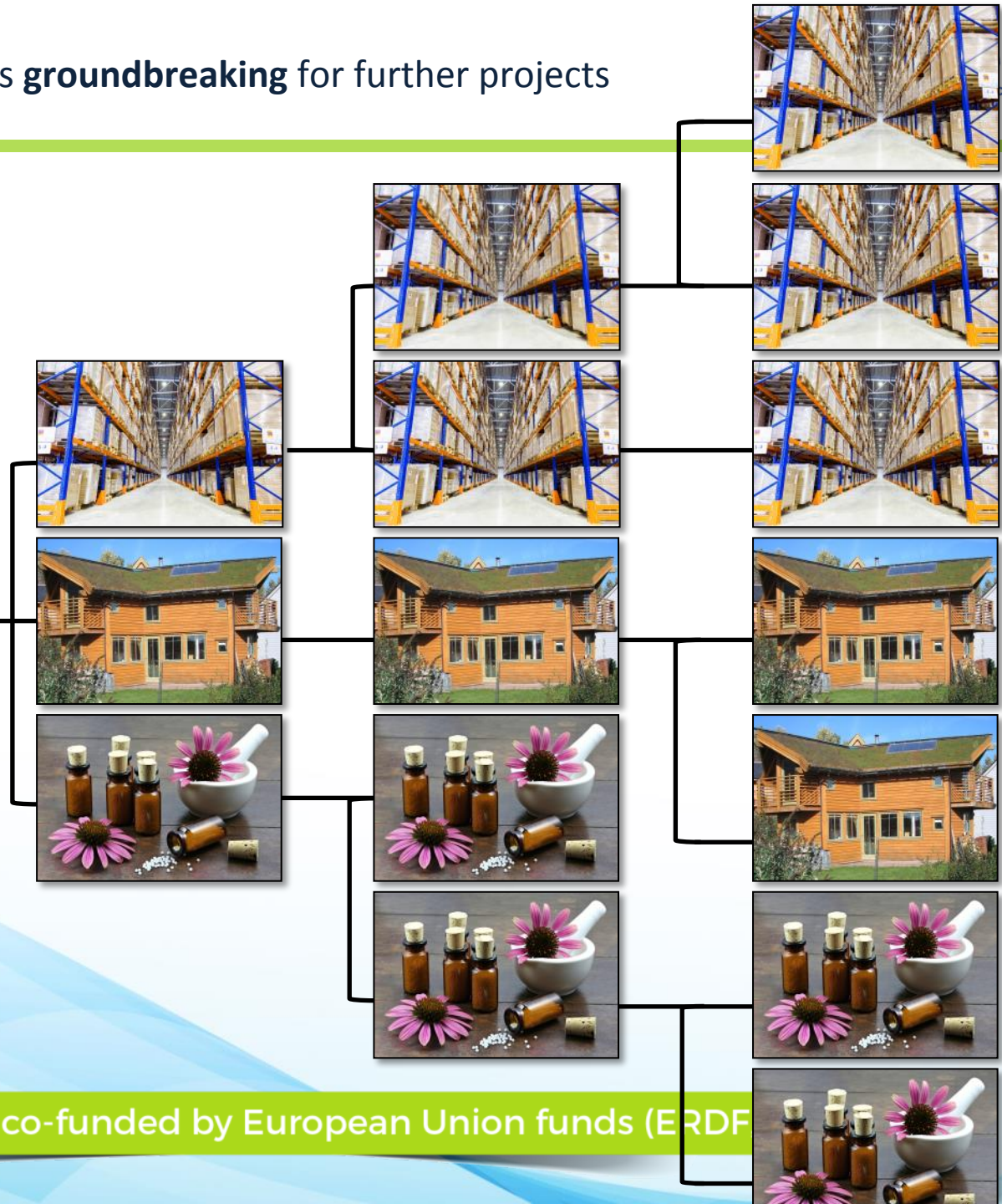
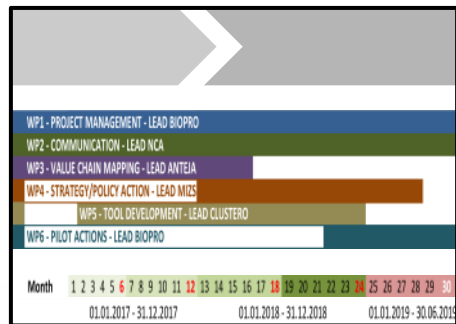






**Further projects** based on DanuBioValNet's activities **will strengthen and secure** dissemination of the **bio-based industry**; Funding schemes (Cosme, Horizon2020/FP9, regional development funds,...)

# DanuBioValNet is **groundbreaking** for further projects



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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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