

# PRODUCERS IN THE VALUE CHAINS OF BIOECONOMY: OVERVIEW

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# WS2: INTEGRATING PRIMARY PRODUCERS INTO BIO-BASED VALUE CHAINS

## Problem statement

- In the bioeconomy, primary producers are often left behind in the value chain, despite being the foundation for successful production of bio-based products and processes.
- This is due to a lack of information and education on relevant topics, as well as a lack of consistent networking.

## How to solve it

- The integration of primary producers is crucial for the success of the bioeconomy, and addressing these issues is necessary to ensure their participation and success in the value chain.
- Bioeconomy Needs Analysis to assess the state-of-the-play in the regions
  - Sent to over 450 stakeholders
  - Stakeholders: Primary producers, landowner; Large-scale enterprises; SME/Start-Ups; Governments and policymakers; Civil society; Academia, Research, Education; Financial sector; Other (including Clusters, Associations, Business Support Organizations)
- With the SCALE-UP training programme, solutions to tackle issues identified in the questionnaire.

# GENERAL OVERVIEW OF BIO-BASED VALUE CHAINS AND ROLE OF PRIMARY PRODUCERS

## What Are Bio-Based Value Chains

- Bio-Based Value Chains encompass a range of processes and products that are derived from biological sources, such as plants, animals, and microorganisms.
- These value chains transform these resources into a wide array of products, from biofuels and bioplastics to pharmaceuticals and renewable energy.

## The Role of Primary Producers

- Primary producers, including farmers and foresters, form the bedrock of bio-based value chains.
- They are the initial source of raw biological materials, supplying the essential feedstock that powers these chains.
- Primary producers are the stewards of our natural resources, and their role in the value chain is pivotal.

# GENERAL OVERVIEW OF CHALLENGES AND BENEFITS

## Challenges Faced by Primary Producers

- Despite their indispensable role, primary producers often grapple with numerous challenges.
- Accessing markets, maintaining sustainable practices, and effective resource management are hurdles that they must navigate.
- Their challenges are significant and addressing them is crucial to achieving the sustainability goals of bio-based value chains.

## Benefits of Integration

- Integrating primary producers into the value chain brings forth a multitude of advantages.
- These include economic opportunities, increased value addition, and the promotion of sustainable practices.
- It's not just a partnership; it's a mutually beneficial relationship that strengthens the entire value chain.
- Database of best practices as Sustainable Agriculture examples



# REGIONAL OVERVIEW IN KNOW-HOW AND INTEREST

- Second highest interest rated workstream
- Cross-regional rating of the know-how and interest in the sub-topics of work stream 2  
“Integrating primary producers into bio-based value chains” on a scale of 1-5 with the total number of votes from all participants

Training topics of work stream 2	Know-How					Interest				
	1	2	3	4	5	1	2	3	4	5
Networks, Associations, Clusters	6	10	27	25	13	3	8	16	26	26
Legislation, Regulation, Funding schemes	13	20	24	12	11	3	6	12	31	25
Markets and business models for bio-based value chains	4	28	25	15	9	1	7	17	22	33
New forms of farming in agriculture and forestry	10	17	24	15	13	4	4	19	25	28
Ecological load limits of biomass production	10	18	21	16	14	4	7	19	16	31



# REGIONAL OVERVIEW OF HURDLES

- Cross-regional rating of the hurdles of integrating primary producers into bio-based value chains on a scale of 1-5

Challenges of integrating primary producers	1	2	3	4	5
Lack of awareness towards bio-based solutions for primary producers	6	4	26	<b>28</b>	20
Not enough coordination between primary producers	3	11	<b>23</b>	22	<b>23</b>
Primary producers are not interested in bio-based solutions	7	17	<b>28</b>	17	10
Lack of enabling framework	2	3	26	<b>28</b>	15

Biggest hurdles



# FROM SURVEY ASSESSMENT TO TAILOR-MADE TRAINING PROGRAM

**November 9, 2023**

**Session 1 "Production of biomass from Farmers and Foresters"**

**November 21, 2023**

**Session 2 "Value chains and markets: linking producers and stakeholders"**

**December 7, 2023**

**Session 3 "Innovations and challenges in production and mobilization of biomass"**

THANK YOU FOR YOUR ATTENTION

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## PROJECT PARTNERS



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