### TRAINING – Improved Nutrient Recycling in the Bioeconomy



### INVITATION

Join us for an engaging and insightful three-day Training Program on nutrient recycling routes, value chains and applications.

### WHY

Conventional fertilizer production heavily relies on fossil fuels, causing environmental concerns. A looming phosphate shortage further highlights the need for bio-based fertilizers. However, there are barriers to the use of bio-based fertilizers, including insufficient awareness and knowledge among policymakers and stakeholders, knowledge gaps between bio-based value chains, communication challenges, poor business cases and a lack of accessible financial support.

### **WHAT**

The training in workstream 1 provides the information needed to overcome these challenges.

### **WHO**

Industries, SMEs, farmers, public authorities, research & academia, civil society organization acting in bioeconomy value chains in SCALE-UP regions (Northern Sweden (SE), Mazovia (PL), French Atlantic Arc (FR), Upper Austria (AT), Strumica (MK), Andalusia (ES), Community of practice).

### **LANGUAGES**

- → Presentations in English and/or local languages
- → Breakout rooms in local languages
- → Real-time translation (subtitles) will be available

### **ABOUT SCALE-UP**

SCALE-UP is working with 6 regions in Europe to fully exploit their bioeconomy potential, and to achieve high level of awareness and understanding of the bioeconomy and its potential and impacts among local communities. Find more information on the project:

→www.scaleup-bioeconomy.eu

### WHEN

### SESSION #1

12<sup>th</sup> of March 2024 from 9:30 am to 12 pm CEST

Introduction and main recycling routes: composting and digestion

### SESSION #2

4<sup>th</sup> of April 2024 from 9:30 am to 12 pm CEST

Closing the loop: nutrient recycling value chains and optimizing logistics

### SESSION #3

23<sup>rd</sup> of April 2024 from 9:30 am to 12 pm CEST

Innovative applications of bio-based fertilizers in modern agriculture

### **REGISTRATION**

https://www.scaleup-bioeconomy.eu/en/trainings/

### **CONTACT**

REGION	ORGANI- SATION	WHO?	EMAIL
French Atlantic Arc	AC3A	Nina Bailet	nina.bailet@ac3a.chambagri.fr
Northern Sweden	BFR	Barbro Kalla	barbro.kalla@biofuelregion.se
Andalusia	СТА	Marina Barquero	marina.barquero@ corporaciontecnologica.com
Upper Austria	TMG	Gabriele Wolkerstorfer	gabriele.wolkerstorfer@biz-up.at
Strumica	SDEWES	Emilija Mihajloska	emilija.mihajloska@sdewes.org
Mazovia	UNIMOS	Tomasz Bober	tbober@unimosalliance.com
Community of Practice	ECO	Holger Gerdes	holger.gerdes@ecologic.eu







# TRAINING FOR REGIONAL BIOECONOMY



A community-driven, needs-based training programme for bioeconomy development in European rural areas

WWW.SCALEUP-BIOECONOMY.EU

### **WORK STREAMS (WS) AND TIMELINE**

## EFFICIENT REGIONAL INFRASTRUCTURE & BIOMASS LOGISTICS

WS4 September & October 2023 07.09.23 / 26.09.23 /19.10.23

### DIGITALISATION IN THE BIOECONOMY

WS3 January & February 2024 16.01.24 / 06.02.24 / 27.02.24

## PRACTICES OF "SOCIAL INNOVATIONS" IN RURAL BIOECONOMIES

WS5 May & June 2024 14.05.24 / 04.06.24 / 25.06.24

## INTEGRATING PRIMARY PRODUCERS INTO BIO-BASED VALUE CHAINS

WS2 November & December 2023 09.11.23 / 21.11.23 / 07.12.23

### IMPROVED NUTRIENT RECYCLING

WS1 March & April 2024 12.03.24 / 04.04.24 / 23.04.24

## GOVERNANCE OF REGIONAL BIO-BASED SYSTEMS

WS6 September & October 2024 05.09.24 / 26.09.24 /17.10.24

## STRATEGIES TO ADDRESS SOCIAL, ECOLOGICAL AND ECONOMIC TRADE-OFFS IN REGIONAL BIOECONOMY DEVELOPMENT

WS7 October, November & December 2024 31.10.24 / 21.11.24 / 12.12.24

### WHY JOIN?

- → To build cross-sectoral and cross-regional capacity among regional stakeholders
- → Identify and promote innovative bio-based solutions
- → Contribute to discussions on inclusive rural development pathways
- → Share experiences and good practices across Europe

### **SUPPORTED BY**

