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INNOBIOVC

VCG rolled-out in PP regions and used

Output 1.2

Summary

This report shows in which regions the VCG was rolled-out and used.



OUTPUT DESCRIPTION

OUTPUT: O 1.2 VCG rolled-out in PP regions and used
WORK PACKAGE: WP1. Rolling-out the enhanced Innovation Express Scheme for establishing cross-regional value chains ACTIVITY 1.2: Anteja provides methodology and trainings to use VCG
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@InnoBioVC, 2023

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1. INTRODUCTION TO THE VALUE CHAIN GENERATOR

The Value chain generator utilizes the cutting edge BioLink® algorithm to define technologically sound and commercially viable circular value chains and business models for the regions and clusters.

Value Chain Generator (VCG) A Pathway to Circularity and Profitability

VCG leverages AI and big data Biolink® model, to repurpose industrial residuals into valuable resources and products. VCG not only enhances the profitability of companies in the region, but also aligns with climate targets by fostering a transition towards a circular economy.

Creating High-Demand Products from Waste

By matching companies based on their resource needs and residuals, VCG facilitates the creation of in-demand market products. It offers technical solutions and fosters business partnerships that reduce waste treatment costs, generate new revenue streams, and improve overall profitability. Simultaneously, it contributes to the reduction of CO2 emissions and the conservation of land and freshwater resources.

Empowering Regional Development Agencies, Clusters, and Chambers

VCG serves regional development agencies, clusters, and chambers in their effort to accelerating the adoption of circular economy practices among their members. It enables the exploration and development of viable solutions and concrete partnerships for projects and investments. Additionally, VCG promotes knowledge transfer across projects and initiatives, facilitating best practice sharing and expediting the transition to a circular economy while leveraging European-developed technologies.

The IEC24 coordination office, which was established within the project and lead by Biz-up and WFG, with collaboration of all project partners, was coordinating the final thematic scope of the call. The final thematic scope was broad to keep the call attractive:



2. TRAINING WORKSHOPS IN THE REGIONS

Anteja conducted four training workshops with InnoBioVC partners, namely Business Upper Austria, Lombardy Green Chemistry Association, Chemie Cluster Bayern and WFG Heilbronn. The workshop with Upper Austria also included Innovation Salzburg.

These sessions were crafted to assist partners in defining the scope of the IE 2024 call, identifying the most promising value chains, and pinpointing the key stakeholders integral to the development of these value chains. The primary objective of each of these workshops was to explore potential circular value chains within the context of the IE 2024 initiative. This exploration involved identifying gaps within these chains and the key actors necessary to foster cross-regional cooperation. Such cooperation is crucial to bridge these gaps and stimulate the growth of the circular bioeconomy sector, extending from the Alpine Space and beyond.

This collaborative approach helped regional development agencies and clusters understand how to use the Value Chain Generator to define circular value chains that are technically and commercially viable for their members/regional companies. The structure of the workshops promoted active participation and open discussion. The workshop agendas covered the following range of pertinent topics:

1. Workshop Scope Overview
2. Presentation on Circular Economy Value Chain Analysis, VCG.AI
3. Identifying Viable Circular Value Chains for IE 2024: Discussion on Gaps and Obstacles
4. Defining Topics and Scope for IE 2024.

The key findings from the four workshops are presented in Deliverable 1.2.1.



