



Thematic Industrial Innovation Roadmap for the Energy and Environment Sector

This Thematic Industrial Innovation Roadmap for Advanced Manufacturing Sector was prepared by the Chain Reaction partnership as Output O.T4.1: **Thematic industrial innovation roadmaps**, in order to define the potential innovations activities for the transnational stakeholder network.

Region	Suggested innovation action	Description	Timeframe	
			From	To
Silesia	Transnational Show room	<ol style="list-style-type: none"> 1. Transnational transfer of knowledge between NUTRIBIOMED Cluster (coordinated by the WPT) and Bioeconomy Cluster from Nitra. Cluster members belong to small and medium-sized enterprises sector have limited capacity for international cooperation. The main objective of this action is to trigger experiences transfer related to the implementation of innovations gained by the BEC and Nutribiomed cluster as well as their members. 2. Exchange of information and experience on technological opportunities as well as promotion of innovation providers within international network via information channels of project partners and other events (newsletters, mailings, www, webinars, conferences). 3. Exchange of knowledge & information between IGA Wroclaw and IGA Nitra, to build a common strategy to support digital transformation and implementation of 4.0 solutions in the bioeconomy industry. 	05/2021	05/2026
Silesia	Regional Show room	<ol style="list-style-type: none"> 1. Organization of a series of webinars, conferences with the participation of companies from the food and bioeconomy industry, in which innovative solutions of Industry 4.0 and ICT dedicated to food and bioeconomy producers will be presented. Four events per year. 2. Launching the Innovation Exchange in order to publish information on innovative technologies in Industry 4.0. 	05/2021	05/2026



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		<p>3. Meetings (webinar/conference/direct visit) with companies involved in project DIH Wroclaw. WTP will seek to increase synergies between the activities of the DIH Wroclaw project and CHAIN REACTIONS project.</p> <p>4. Annual report summarising the effectiveness of the actions and describing the barriers of implementing innovative solutions (by using case study, if applicable).</p>		
Nitra	Support for the green and digital transition of the agri-food sector	<p>National platform AgroBioFood Nitra, which acts as IGA in Nitra region within CHAIN REACTIONS will make steps towards the establishment of regional DIH in Agri-food.</p> <p>This action includes:</p> <p>Transnational transfer of knowledge from experienced partners running fully-operational DIHs – BEC</p> <p>Incorporation of the idea of DIH in Agri-food into regional strategic documents for the period 2021 – 2027, which is based on the cooperation with Nitra self-governing region and participation of BEC in the working group “Agri-food complex” for the preparation of the Programme of economic development and social development of the Nitra region until 2030.</p> <p>Preparation of digitalization strategy, which could partially build on already existing strategy of BEC in the area of development of intelligent bioeconomy as well as on the latest developments in digitalization in Slovakia and in Europe.</p> <p>Preparation of working documents to set-up a DIH, starting from the collection of data and review of methodology and guidelines for the establishment of DIH. This activity involves the strategy and action plan of DIH, including the participative networking of relevant stakeholders and organizational and legal aspects of the establishment of DIH.</p> <p>Registration of DIH in S3 platform of JRC – DIH incorporated in the official DIH catalogue.</p>	06/2021	06/2025