

SETTING UP OF A TRANSNATIONAL TOOL

Deliverable D.T2.1.1

FINAL VERISON

Setting up of a transnational tool

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1. Introduction of the 4STEPS project

4STEPS project is addressing the main challenge of Industry 4.0 (I4.0) as tool towards a new, digital industrial revolution holding the promise of increased flexibility in manufacturing, mass customisation, increased speed, better quality and improved productivity and its development is supporting the RIS3 in the target regions in the different sectors. SMEs in the target regions are lagging behind in the adoption of innovative tools and solutions proposed by I4.0 revolution and need to increase transnational collaboration in facing this challenge.

The main project objective is to support the successful RIS3 implementation applying the I4.0 to all the industrial sectors identified by each region. The innovative elements of 4STEPS will be the methodology applied based on the involvement of all the actors of the quadruple helix, thanks to a bottom up approach.

2. Transnational Action Plan

After the creation of a Catalogue and the TML created in WPT1, the partners will define a set of specific instruments supporting the adoption of innovative solutions by the RIS3 SMEs to apply I.4.0 opportunities. Partners will also define the correlation among such instruments and the guidelines for their fast and effective application in a Transnational Action Plan (TAP). The Catalogue of the possible interventions includes for instance the following instruments: workshops, matching, training, coaching, improvement groups and business networking. The instruments will be multiple and focused for instance on credit, training of digitalization of production and management processes, internationalization, financing and regional and European networks, environment (green and circular economy), and labour policies and new services.

The Transnational Action Plan (TAP) will be applied across territories thanks to the Digital Innovation Hub (DIH) network that will be created as part of WP T2.

This deliverable provides the structure for Transnational Action Plan - TAP (DT2.1.3) which will be then completed with all the contents. It summarises WP T1 results and prepares transnational concepts for WP T2 activities.



3. Structure of Transnational Action Plan

The setting structure of Transnational Action Plan (TAP) to be developed is suggested as below. It includes desk research summary learnings available, selected WP T1 results, instruments defined for WP T3 and also value proposition, operations and processes for Transnational Digital Innovation Hub network.

1. Desk research summary learnings on:
 - i. Digital Innovation Hub (DIH) initiatives and plans
 - ii. Transnational networks' value and operations' best practices
2. Selected WP T1 results on
 - i. Core identified needs of territorial SMEs from analysis and TML index - Country Mapping Reports (D.T1.2.1) to be used
 - ii. Transnational Clustering of most appropriate targetted segments and their needs - Transnational Clustering (D.T1.2.2) to be used
3. Instruments defined for territories including the pilot actions presented in WP T3 (see D.T2.1.2)
4. Transnational Digital Innovation Hub network
 - i. The core value proposition in the transnational context
 - ii. Description of transnational operations and processes



4. Template for highlighting core identified needs of territorial SMEs

Core identified needs of territorial SMEs from Country Mapping Reports (D.T1.2.1) and Transnational Clustering (D.T1.2.2) - Territory (Country)
- ...
- ...
- ...

5. Template for selected instruments by partners in given territories

Selected instrument / intervention / service (e.g. workshops, matching, training, coaching, improvement groups and business networking) to be implemented by Digital Innovation Hub (DIH) and its max 250 characters summary	Key parameters and processes of the service to assure fast and effective application	Highest risks / obstacles identified and their mitigation strategy
...		
...		
...		
...		
...		