



Smart Transitions

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ECCI



- An innovation centre that fosters collaborative working to support and deliver workable solutions for a low carbon future.
- Works with businesses, national and local government, and civil society.
- Provides a forum for solving "low carbon" problems.
- Coordinates and delivers professional skills training (Executive Education; Continuing Professional Development and Masters Courses).
- The Centre is supported and hosted by the University of Edinburgh, Edinburgh Napier University and Heriot-Watt University.



EIT Climate-KIC



- European knowledge and innovation community, working to accelerate the transition to a zero-carbon economy.
- EU's largest public private partnership addressing climate change through innovation to build a low carbon and climate resilient economy.
- Four priority themes: urban areas, land use, production systems, decision metrics and finance.
- Centred around the premise that a decarbonised, sustainable economy is not only necessary to prevent catastrophic climate change, but presents a wealth of opportunities for business and society.
- ECCi is the official Scottish partner of Climate-KIC.



Flagship Programme Re-Industrialise



- Duration: 03/2018 - 12/2020
- Aims to support authorities, agencies and companies within high-emitting European industrial regions to plan, develop and roll-out their transition to low carbon economies.
- <http://re-industrialise.climate-kic.org/>

THE CLIMATE GROUP



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Re-Industrialise



- Transforming the economic structure of energy- and carbon-intensive industry regions implies high risk of negative economic and social impacts.
- Processes of structural change are highly challenging and require a common and long-term effort of government, business and civil society.
- The EU supports member-states and regions to identify USPs based on existing competences and infrastructures and helps to translate them into innovation strategies.
- These measures and support schemes do not explicitly induce or reward innovation strategies, which facilitate the transformation of high-carbon regions towards low carbon regions.



Pathfinder – Smart Transitions



- Duration: 4 months – September to December 2018
- The ‘Smart Transitions’ pathfinder project aims to identify and adapt existing and recently modified smart specialization tools to support the development of Smart Specialisation strategies focused on high to low-carbon transitions
- Pilot regions
 - Konin Subregion
 - Silesia
 - Highland & Islands of Scotland



Smart Specialisation



- Innovation policy concept that aims to boost regional innovation, contributing to growth and prosperity by helping and enabling regions to focus on their strengths.
- Smart Specialisation is based on partnerships between businesses, public entities and knowledge institutions.
- *'Imitating other regions by trying to create 'miracle growth' in headline industries such as semiconductor or biotechnology not only lessens the chances for the imitating region to succeed, but also perpetuates patterns of market dominance with leaders and followers.'*



Online S3 Platform



Online S3

- www.s3platform.eu - 2 year project from May 2016-2018
- Research and Innovation Action of the Pillar “Science with and for Society”, under the call ISSI-4-2015 On-line mechanisms for knowledge-based policy advice.
- Consortium of twelve partners from Academia, Business and Government across Spain, Greece, Belgium, Austria, Slovenia, Slovakia, the United Kingdom and Finland.
- Help policy makers, academics, businesses and citizens to form and revise effective strategies more efficiently



Online S3 Platform



- Aim - To develop an online resource to assist national and regional authorities in the EU in developing or revising their smart specialisation agenda.
- Provide access to data and documentation (statistics, case studies, description of methodological tools) required to support the development, review and monitoring of Smart Specialisation strategies in an online, ready to use and freely available way.





Online S3

Online S3 Toolbox

Online S3 platform:
methods and online
assistants for RIS3

Phase 1: Governance



Including (1) Governance Structure, which defines the governance of the RIS3 strategy based on the particular regional context; (2) Broad Participation of actors

from the quadruple helix in the design and implementation of RIS3; and (3) Management and Communication, which defines the consensus-building process focused on awareness-raising, priority-shaping and fostering a sense of ownership, and links between strategies taken at different levels that enable the identification of a policy mix.

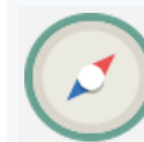
Phase 2: Analysis of context



Including (1) Regional / national Assets, which shed light on the potential for knowledge-based transformation of the economy, identify potential niches for

smart specialisation, and describe regional/local assets' endowment; (2) Outward Dimension, which makes a thorough presentation of a region's profile and position in terms of extroversion and international competitiveness; and (3) Entrepreneurial Dynamics, which builds a systematic understanding of areas that have the greatest potential for future development.

Phase 3: Strategy formulation



Among stakeholders, including (1) a Broad View of Innovation, from business, environmental and societal point of view; (2) Grand Challenges that enrich

the basic vision of the region with problems and challenges to address; and (3) Scenario Analysis, in which a series of future scenarios are elaborated. Possible Risks should be identified and assessed through a Risk Assessment matrix. At the end, a final scenario should be developed including various options according to possible changes.

Phase 4: Priority setting



Including (1) a Revision of past priorities to gain experience from previous innovation strategies; (2) Consistency of priority objectives and goals with geographical

characteristics of the region; and (3) Critical Mass for identification of a limited number of priority activities and technologies for regional specialisation, as well as participatory processes for the engagement of stakeholders and the civil society in setting the innovation strategy objectives.

Phase 5: Policy mix



It is the action plan for the implementation of strategy, including (1) a Roadmap that leads to the definition rules and tools in order to reach the prioritised goals; (2)

Balance of proposed policy mix between horizontal and vertical actions, and a detailed description of actions that are included into the RIS3 action plan; and (3) the regional / national framework conditions for the implementation of the S3 strategy.

Phase 6: Monitoring & evaluation



At this step the framework for RIS3 monitoring and evaluation is created, including (1) Output and result indicators, with output indicators

measuring the direct outcome of RIS3 actions, and result indicators measuring the change and evolution of the regional productive structure and innovation performance; (2) Monitoring that defines the systematic collection of data and assessment, and (3) continuous Update of RIS3 action plan.



Smart Transitions Partners



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Questions?

