



This project is funded by the Horizon 2020 Framework Programme of the European Union under grant agreement no 723630



Roadmapping value chains and Clusters to help Regional Policies

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Objectives of a roadmap



- Develop key resources for regions to be better equipped to benefit from cluster development in the main NMBP thematic areas and related KETs
- Produce a roadmap with relevant case studies on key NMBP themes for use by regions and clusters in policy development and decision making
- Make policy recommendations to regions so they can benefit from investment in NMBP areas through cluster activities

Roadmap structure



- Aim is an enabling document
- Guidance and support to clusters and regional bodies to implement KETs uptake activities, focus investment and long term KPIs
- Not intended to be a full review and 'static' handbook
- Sections built around factors important to ensure KETs long term impact through clusters
- Downloadable summary pdfs to summarise roadmap and case studies from WP1

Intended appearance



- Short explanations within each section on importance/relevance of each factor
- Links plus explanations of how link will add to the overall planning and implementation of KETs support actions
- Strongest as an online tool rather than printed document
- Can be developed step by step and published through project website in short term

Chapter 1: NMBP and related KETs



- Introduce Key Enabling Technologies and how they are presented within the European Commissions programmes for ‘Nanotechnologies, Advanced Materials, Biotechnology and Production’ (NMBP)
- Recommendations on using Technology Readiness Levels (TRLs) to understand the maturity of technologies under development within the regions and how to create realistic TRL targets for KETs implementation
- Support regions to understand how they map future technology and investment trends

Chapter 2: Good practice in KETs uptake support



- Focus on KETs support more specifically, with the aim to help regions and clusters create a map of internal and external assets that can support their own long term KETs delivery
 - Examples of KETs support initiatives
 - Regional competitiveness in KETs across Europe
 - RIS3 strategies
 - EU infrastructure assets within KETs

Chapter 3: Assessing your cluster capability



- The aim of this section is to enable regions and clusters to assess their own ability and set targets that fit with resources available.
- It will include:
 - Skills development
 - International collaboration
 - Match making
 - Project management

Chapter 4: Planning your innovation – policy recommendations



- This section will focus on helping regions and clusters to plan their long term policies. It will include:
 - Identification and prioritisation of future actions
 - Linkages between ESIF, H2020 and private sector investments
 - Developing inter and intra-regional value chains
 - Assessing cross-cluster opportunities