

CIRCE

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Overview of ESCSS – Phase I

Background

- EU's share of global chemicals production is decreasing in several segments
- Europe is competing for attracting investments with other regions with feedstock advantages and higher market growth in Asia, Middle East and the USA
- European regions well situated for mobilizing investments in field of sustainable chemistry

Activities of ESCSS Phase I

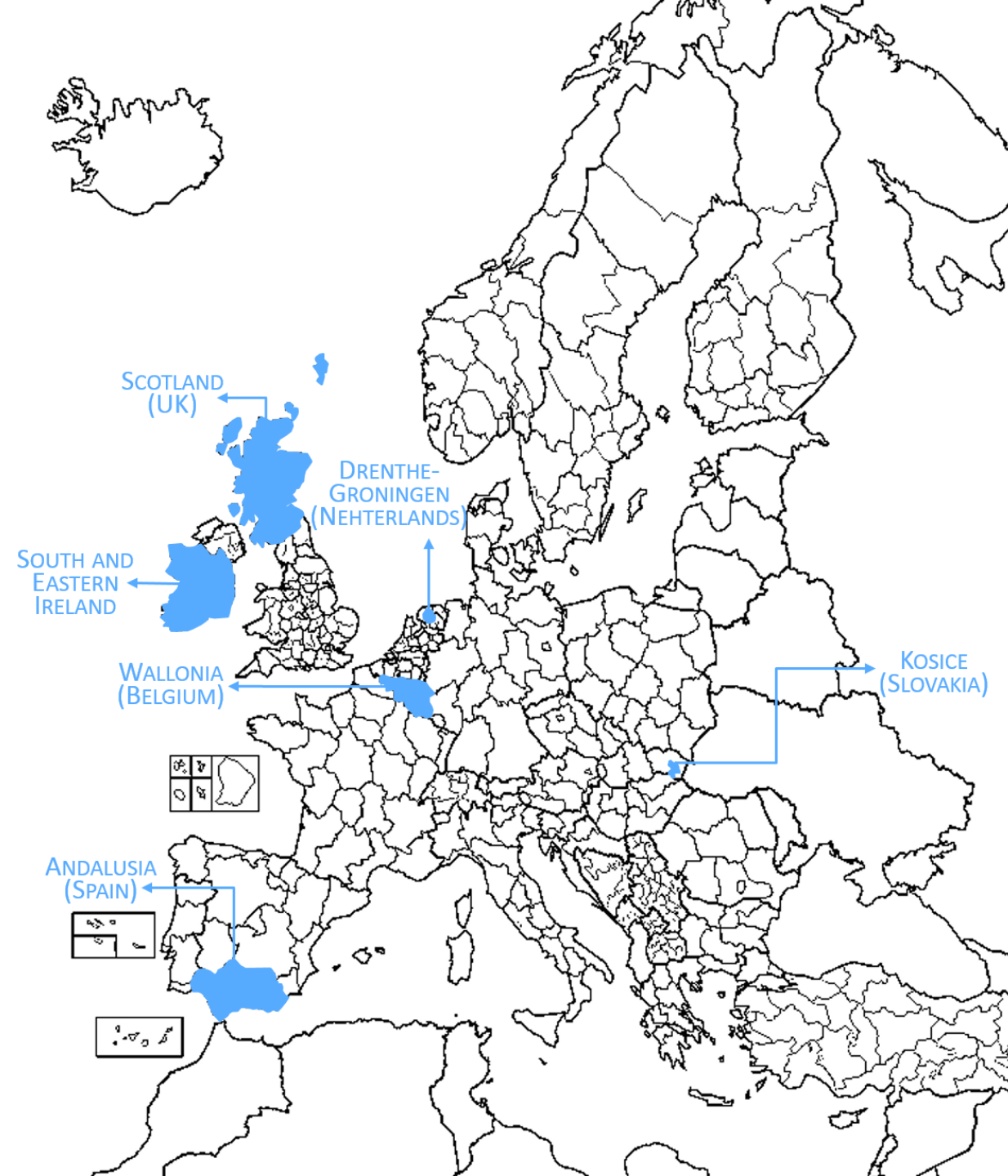
- **Part I:** Development of a **self-assessment tool** on sustainable chemicals production readiness of European regions.
- **Part II:** **Technical assistance** for the elaboration of bankable proposals for projects in 6 MDR

Timeline: 24 months (kick-off 12th Feb 2016)



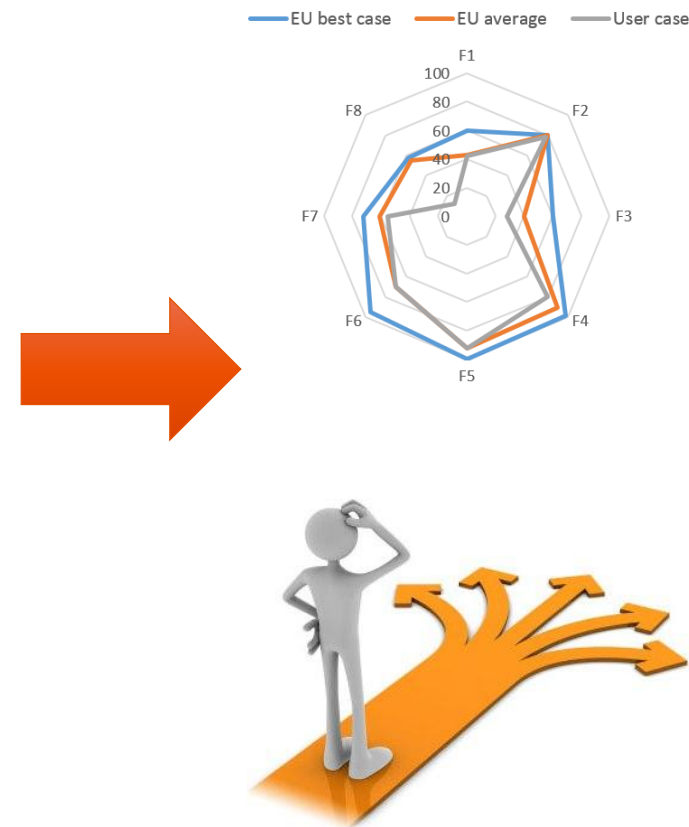
The Six Model Demonstrator Regions

- **Andalusia:** develop bioeconomy in the region building on existing strong agrifood industry and well organized and structured chemical industry
- **Drenthe-Groningen:** become a preferred location for investments in sustainable production of chemicals (intermediate chemicals, polymers and fibres) based on regional biobased feedstock
- **Ireland:** capitalize on domestically available biomass residues and the repurposing of existing industrial site to produce biobased chemicals
- **Kosice:** support and up-scale existing biorefinery project based on agricultural waste (straw) from Kosice and neighbouring regions
- **Scotland:** to be recognised globally as a key high value sustainable manufacturing region building on 3 areas: industrial biotechnology, circular economy and green chemistry
- **Wallonia:** reappropriation and sustainable conversion of the Walloon abandoned industrial sites to develop innovative projects of bioeconomy



Self-Assessment Tool (SAT)

Methodology to perform a first assessment of investment readiness level of a region regarding chemical production → to serve as a starting point for regional discussion on how to design regional strategies



<https://ec.europa.eu/growth/tools-databases/escss>

Assistance to participant regions

1. **Analysis** of investment readiness → application of SAT
 - Data gathering
 - SWOT analysis per each factor
 - Conclusions, potential actions → 20-30 pages report to influence regional Master Plans
2. Organization of a **two-day peer review meeting** in each MDR
 - Participation of 10-15 stakeholder regional representatives
 - Joint analysis of results of assessment and proposed actions
3. Provision of **policy briefings** on how to stimulate private investments per region
 - Identified investments and policy bottlenecks per key factor
 - Entity/ies in charge per action and tasks associated
 - Timeframe per action and indicators to monitor in long term the activities foreseen



Outcomes and possible next steps

- **Main outcomes from ESCSS Phase I**

- User friendly, interactive and automated SAT tool available in DG GROWTH's website
- 25 relevant good examples of large investments in the production of chemicals from alternative feedstock
- Involvement and active participation of over 150 stakeholders
- Identification of over 100 investment opportunities accounting for more than 1.3 billion € in the 6 MDR

- **Possible next steps**

- Enlarge SAT scope: additional feedstock (Phase II)
- (For MDR) ensure the realisation of projects identified
- Foster a wide utilisation of the SAT among non-participant regions
- Boost cross-regional cooperation → cross-border value chains
- Remove regulatory/policy barriers identified



Thanks for your attention



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