

## **Monitoring and Evaluation**

### **The case of Emilia-Romagna (Italy): A Monitoring Consortium**

The smart specialisation monitoring activities for the Emilia-Romagna region are managed by ASTER, a **consortium for industrial research, technology transfer and innovation**. The system monitors and captures output indicators, change indicators and result and framework indicators for an enhanced smart specialisation process:

1. Implementation (Implementation and output indicators)
2. Change in regional economy in specialisation domains (specialisation and transition indicators)
3. Effectiveness of strategy (results indicators)
4. Evolution of regional economy (context indicators)

Examples of key selected indicators include; number of patents, number of research grants, number of business research contacts, number of SMEs per specialisation areas, and number of new start-up companies.

The monitoring system allows the regional innovation **actors to track how the regional economy is advancing in the selected specialisation areas** (agri-food, mechatronics and transport system, life sciences and well-being, building and constructions and cultural and creative industries) and also how the regional economy is moving along the selected innovation drivers e.g. sustainable development, healthy and active life, information society and innovation services.

For disseminating the knowledge generated via monitoring, **an online portal has been created to provide easily assessable monitoring data to stakeholders** and the broader public informing them on the implementation of the regional smart specialisation strategy. Stakeholder forums have also been developed to continuously monitor and develop relevant indicators.

#### **Read more:**

Emilia-Romagna at the S3 Platform: <http://s3platform.jrc.ec.europa.eu/monitoring1>

PXL Feedback Report on Monitoring:

[http://s3platform.jrc.ec.europa.eu/documents/20182/149513/PXL\\_Monitoring\\_Feedback\\_Report\\_full\\_final\\_CLEAN.pdf/2a73443d-31e0-4caf-8972-8bbde5cf4893](http://s3platform.jrc.ec.europa.eu/documents/20182/149513/PXL_Monitoring_Feedback_Report_full_final_CLEAN.pdf/2a73443d-31e0-4caf-8972-8bbde5cf4893)

Emilia-Romagna in the S3 Implementation Handbook: <http://s3platform.jrc.ec.europa.eu/s3-implementation-handbook>

(Gianelle, C., D. Kyriakou, C. Cohen and M. Przeor (eds) (2016), Implementing Smart Specialisation: A Handbook, Brussels: European Commission, EUR 28053 EN, doi:10.2791/53569 )