Peer eXchange & Learning

Policy instruments for Smart Specialisation Strategies

Emilia–Romagna Region

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Main regional figures

4.5 million inhabitants
GDP per capita = 32.0 thou. €
Unemployment = 6.8%
Activity rate = 72.3% of working age population
Export = 56 billions €
R&D/GDP = 1.75% (2014, of which, 1.25 by companies)
Manufacturing GDP = 27%
The starting point. The Regional High Tech Network

88 laboratories/centres of industrial research
600 full time young researchers
1200 part-time researchers
10 Technopoles

Powerful clusters in
Agrifood,
Construction technologies and materials
Automation/Engineering
Automotive
Biomedical
Fashion
KETs, Clusters and Innovation Strategies

Consolidating competitive clusters

AGRIFOOD
Mechatronics/Engineering
Construction

Health and wellness
Culture and creativity

Reinforcing high potential clusters

KETs + ICT

Following drivers of innovation and change

Sustainability
Human well-being
Information society

Stimulating service innovation

Knowledge intensive services
Key open questions after 2 years of implementation

1. How the effectiveness of S3 implementation is conditioned by:
   a. ERDF rules;
   b. typology of pressures on politicians
   c. regional administrative organization
   d. availability of regional/national complementary resources

2. Which are, in other experiences, the steps for generating a stronger awareness of stakeholders in order to share a common strategy?

3. How to evaluate the structural impact of the strategy?
Budget

- High tech & creative start ups
- SMEs product/service innovation & diversification
- Business R&D Projects
- Service Innovation projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Budget</th>
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<tbody>
<tr>
<td>Food</td>
<td>35.6</td>
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<tr>
<td>Mech</td>
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<tr>
<td>Constr</td>
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<tr>
<td>Service Innovation</td>
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Policy instruments for the RIS3 implementation

- ASTER – Public consortium for governance and coordination of the innovation ecosystem is coordinating the whole network:
  - Steering committee
  - Services
  - Communication
  - Strategic initiatives
  - International networking
  - Monitoring and continuous EDP

Participants are the members of the Regional Technology Network (Labs and Centers)

The new cluster organizations must involve also companies, start ups, business organizations, training centers, other relevant actors.
The scope of cluster organizations

1. Sharing vision about technology challenges and innovation priorities definition
2. Individuating the most critical competencies, technical and managerial figures for the future, for training policies
3. Building cooperation and critical mass for innovation
4. Integrated participation to international networks, agreement and projects
5. Suggesting improvements, better synergy and complementarities between the different policy areas
The organization of regional forums

1. Involvement of:
   - all regional departments interested to the argument
   - research laboratories, firms and other organizations member of the cluster
   - all other interested participant and potential members
   - experts

2. Examining the state of implementation of the S3

3. Individuating:
   - Unexplored potentialities
   - New challenges
   - Technology priorities for the next 3 years
   - Complementary agenda for training, internationalization, tourism, regulation, other sectoral policies
<table>
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<th>Areas</th>
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<th>Investment</th>
<th>Regional grants</th>
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