

Region: Piedmont

DATE: 31 May 2016

PRESENTER: Matteo De Felice

INSTITUTION: Piedmont Region - Department of Regional system competitiveness

Territorial Context and Background



- ✓ Population: 4,440,000 inhabitants
- ✓ Area 25,402 square kilometres
- ✓ Density: 169 inhab./Km²
- ✓ 8 Provinces
- ✓ 1.206 Municipalities

- ✓ Over 200 private and public R&D centers
- ✓ 380 laboratories
- ✓ 4 universities
- ✓ 6 science and technology parks
- ✓ 12 innovation clusters



- ✓ 469,000 enterprises
- ✓ € 126,8 billion GDP (8,07% of national total)
- ✓ R&D intensity 1,82% (% GDP invested in R&D, public + private funds)
- ✓ 27,310 R&D employees



Industrial Sectors

Piedmont is characterised by a significant industrial tradition, with a specialisation on the automotive industry - FIAT (FCA) is the largest Italian company . Large firms and SMEs coexist forming strong and thick value chains.



Piedmont is also home to an important aerospace sector

With the first aero engine development in 1908 and the first flying prototype in 1909, the Italian aerospace industry was born in Piedmont.



Piedmont is famous for its agricultural and textile industries

Ermenegildo Zegna



Loro Piana



FERRERO

In recent years, new specialisations have emerged, for instance in ICT, telecommunications and service sector which also significantly contribute to the regional GDP.

Regional cluster policy 2009-2015

New industrial policy tool to support innovative skills and competitiveness of regional research system

INNOVATION CLUSTERS: Groupings of independent undertakings – innovative start ups, small medium and large undertakings as well as well as research organisation

OBJECTIVES: promoting intensive interactions, common use of facilities and exchange of knowledge, contributing on transferring technologies and networking among associated members

➤ 12 innovation clusters set up in 2009 on 12 technological domains and regional areas

Each cluster is located in a specific geographical area on the basis of territorial traditional vocation, however each Cluster operates at regional scale and on a whole regional context

Technological domains 2009-2015

Agrifood	Biotechnologies and biomedical
Digital creativity and multimedia	ICT
Mechatronic and advanced manufacturing system	Renewable energy and Mini hydro plants
Renewable energy and bio fuels	Renewable energy system and components
New materials	Sustainable architecture and hydrogen
Sustainable chemistry	Textile

Regional cluster policy 2009-2015

Cluster Organisations

- **A manager organisation has been identified by Region for each cluster through the submission of an activity program covering a time horizon of 5 years**
- Clusters can be established as a consortium or Temporary Associations for that purpose, involving companies (small, medium and large), research organisations and centres and other actors of regional research and innovation system

Financial resources

Up to 50% public funding + fees + services

Funding procedures

- Support to cluster management organisation (CMO) for investments and operating costs (marketing of the cluster, training programs, workshops):

10,2 M€ for the period 2009-2015

- Funding to the associated members for R&D projects, feasibility studies and qualified services

121M€ for the period 2009-2015

Number and Typology of Affiliated Members :

- **1463 members**
- **1234 SME**
- **141 Large companies**
- **88 others (research organisations, universities)**

Regional cluster policy 2016-2020

OBJECTIVES: Strengthening innovation clusters

- Improving international ranking (both for CMO and associated members)
- Strengthening relationship with national and European cluster
- Improving CMO ability in supporting enterprises to European direct funding access
- increase large enterprises involvement

Strategic priorities of the clusters

improve innovation capacity

Support new entrepreneurship

Training skill development

Explore new business opportunities

marketing and branding

internationalization

improve structural condition

cluster development

Technological domains 2016-2020

Agrifood

Energy and clean technologies

Green Chemistry

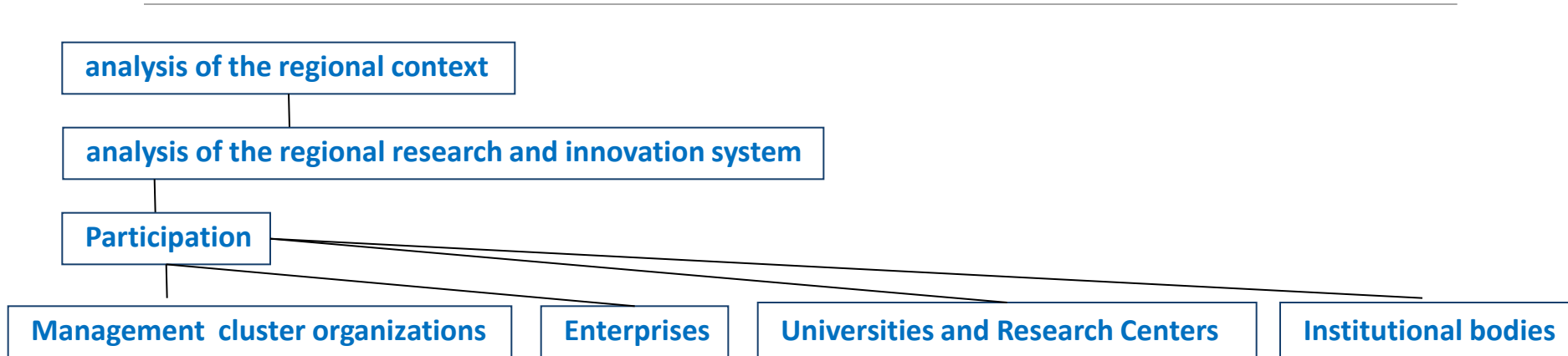
ICT

Life Sciences

Smart products and manufacturing

Textile

Territorial RIS3 - PROCESS

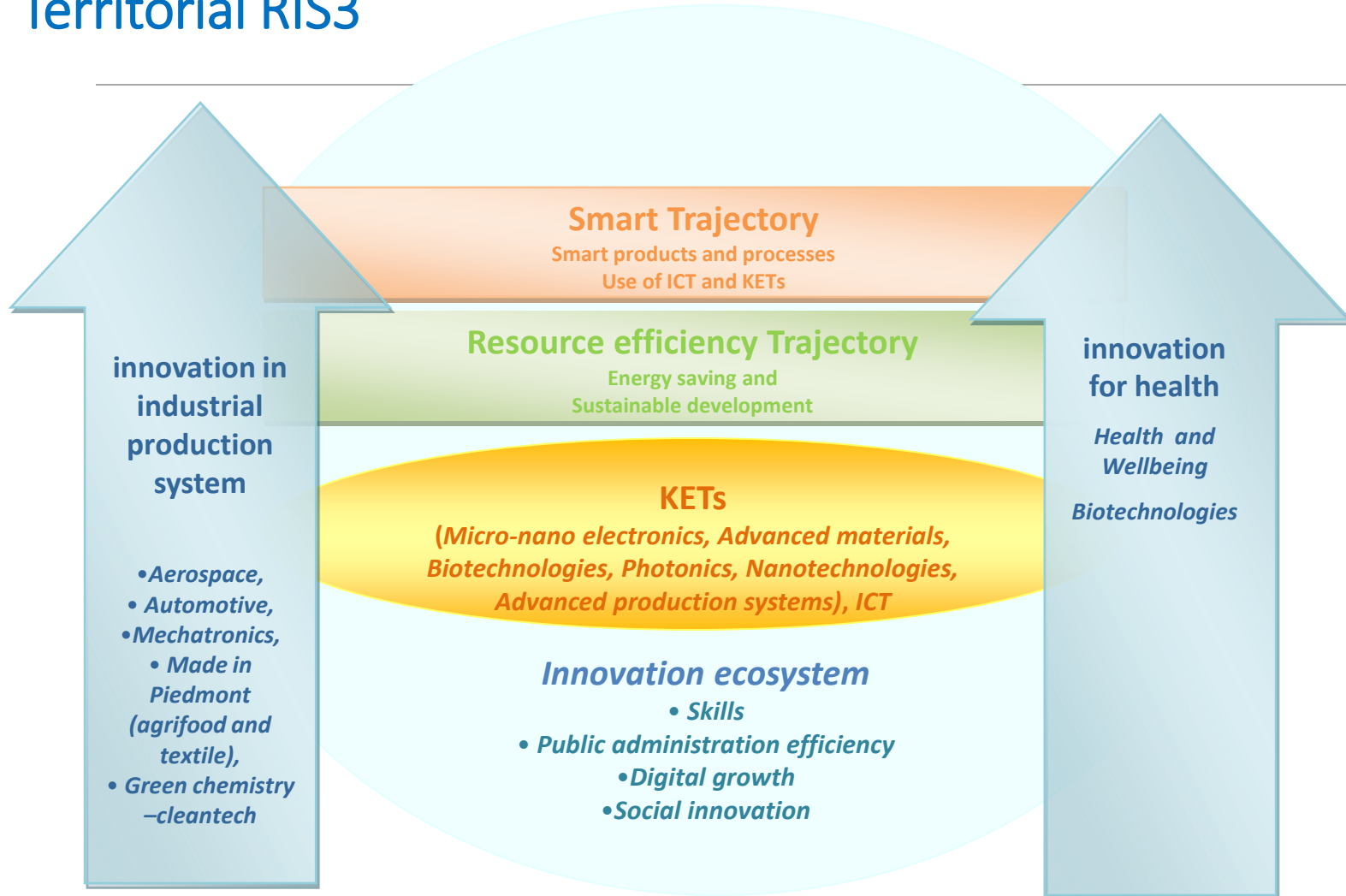


CLUSTER ORGANISATION'S ROLE

the cluster management organizations have been fundamental players among the stakeholders involved in process and played a key role in the definition of the priorities of the RIS3.

All the cluster management organizations have been involved in the process of participation both through meetings and the submission of a questionnaire. They were asked to highlight the technological area of specialisation in which they act; sub-sectors and market niches referred to market applications and foremost domains within the specialisation area; key enabling technologies related to the specialisation area; impacts and crosscutting ways; strengths and future trends

Territorial RIS3



Regional Partner's Contribution & Expectations

Contributions (Experiences & Competences)	Goals & Expectations
1 Cluster policy	Improve and compare regional policy
2 Cluster management organizations	Cluster internationalisation
3 Funding procedures	Evaluation and monitoring

Thanks for your attention

Grazie

MATTEO DE FELICE

matteo.defelice@regione.piemonte.it