

## **SMARTENERGY – Growing faster with energy clusters**

### **Minutes of the 1st collaborative training (6 March 2020)**

List of participants: Luca Galeasso (Environment Park), Massimo Davià (Environment Park), Giulia Razetti (Environment Park), Michel Deflache (Tenerdis), Bastien Hualpa (Minalogic), Laure Quintin (Minalogic), Ramon Vivanco (Archenerg), Ariane Decramer (Flux50), Cedric Brull (Tweed), Giuseppe Serrao (2i3T), Alessia Menduni (MESAP cluster), Silvana Sanfeliciu (Torino Wireless)

*Note: The collaborative training, originally supposed to be organized in Turin at Environment Park, was organized in video conference modality due to COVID-19 restrictions*

The main aim of the training was to inspire the construction of the hosting package and service methodology to be developed in the Smartenergy project, through an outlook on the future framework of R&I programs at EU level and a presentation of the main regional innovation actors and strategies in Regione Piemonte.

#### **1) Introduction of APRE regional contact point on Horizon Europe program and opportunities, with a focus on bringing innovation to market**

APRE (Agency for Promotion of Research) regional contact point of Piemonte provided a presentation about the next EU research & Innovation opportunities in Horizon Europe for the period 2021-2027, with a focus on initiatives for bringing innovation to market.

Due to last minute absence of Chiara Soffietti from APRE, the presentation was made by Massimo Da Vià from Environment Park.

The following key aspects emerged from the presentation:

- The cluster of climate, energy and mobility is identified as one of the relevant ones to increase european industrial competitiveness and face global challenges.
- The necessity to support breakthrough and market creating potential innovation will be assured by the European Innovation Council, helping innovators create markets of the future, leverage private finance, scale up their companies
- Two complementary instruments will be set up to bridge the gap from idea to investable projects
  - o PATHFINDER: grants to go from early technology to pre-commercial
  - o ACCELERATOR: grants and blended finance to go from pre-commercial to market and scale-up
- R&I missions are introduced, defined as *“a portfolio of actions across disciplines intended to achieve a bold and inspirational and measurable goal within a set timeframe, with impact for society and policy making as well as relevance for a significant part of the European population and wide range*

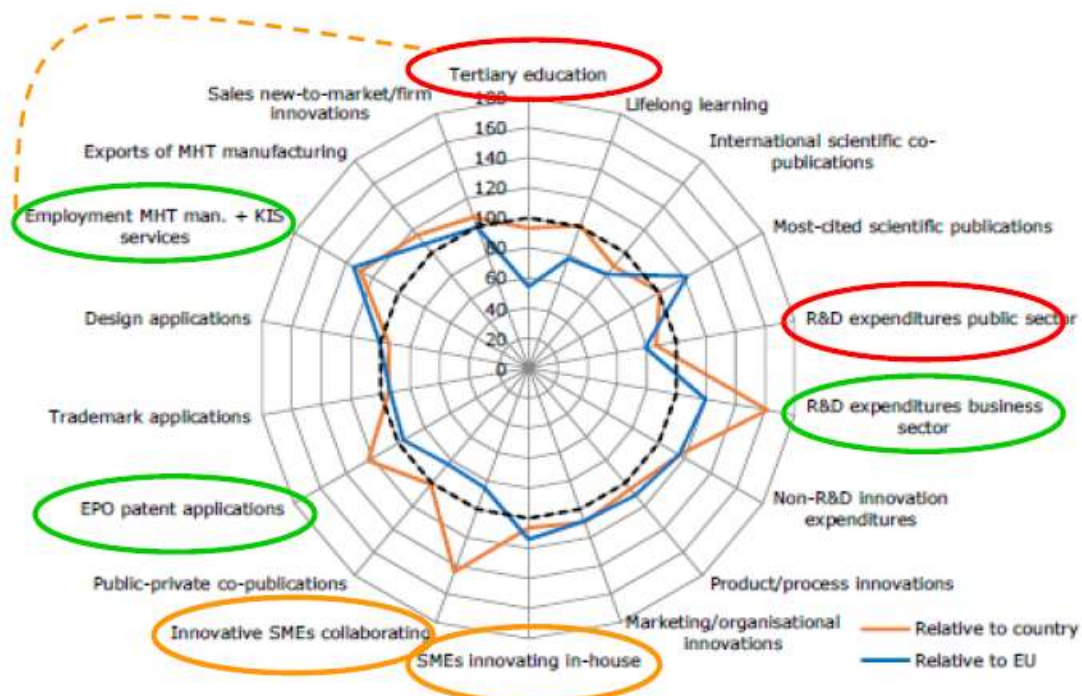
of European citizens". Climate neutral and smart cities is identified as one of the mission areas, which also one of the application sector of digital energy technologed of the SMARTENERGY project

<b>Climate, Energy and Mobility</b>	<ul style="list-style-type: none"> <li>• Climate science and solutions</li> <li>• Energy systems and grids</li> <li>• Communities and cities</li> <li>• Industrial competitiveness in transport</li> <li>• Smart mobility</li> </ul>	<ul style="list-style-type: none"> <li>• Energy supply</li> <li>• Buildings and industrial facilities in energy transition</li> <li>• Clean, safe and accessible transport and mobility</li> <li>• Energy storage</li> </ul>
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## 2) Presentation of the regional ecosystem of innovation and their actors in Piedmont region, and the role of clusters in relation to S3

Massimo Da Vià from Environment Park presented Innovation Ecosystem in Piedmont: Strategies, policies and actions.

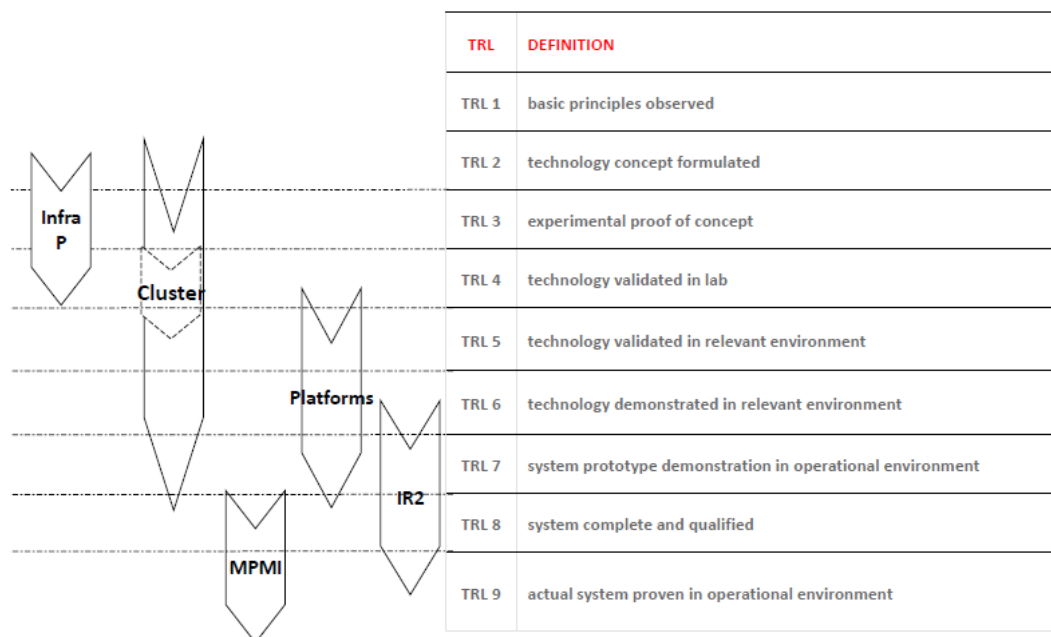
Regione Piemonte presents some R&D and Innovation indicators which are above EU average: total R%D expenditure, private R&D expenditure, EPO patent applications, innovative SMEs, EPO patent applications, innovative SMEs, employment and export in medium/high tech technology intensive manufacturing.



The regional ecosystem of innovation includes 4 universities, 4 regional branches of national R&D institutes, over 200 research centres and 380 laboratories, 3 university incubators, 4 technology parks and 7 innovation clusters.

All these actors actively participate in EU R&D networks and associations, and contributes to implement the regional R&D strategy.

Several funding measures area actually available, supporting innovation process in all the starting technology readiness levels (TRL), as the following picture shows.



IR2 is a specific initiative for the industrialization of R&D results.

**3) Exchange and co-learning workshop between consortium partners and other relevant actors at regional level (focus on experiences in the use of EU funds to support access of innovation to the market)**

The project partners and some of the main regional actors selected by Environment Park presented their facts and figures, sectors addressed, networks/partners, innovative services and operational model of their organisations.

Following presentations are available attached to the minutes:

- a. CLEVER cluster presentation (Italy)
- b. TENERDIS cluster presentation (France)
- c. ARCHENERG cluster presentation (Hungary)
- d. FLUX50 cluster presentation (Belgium)
- e. MINALOGIC cluster presentation (France)
- f. TWEED cluster presentation (Belgium)
- g. MESAP cluster presentation (Italy)
- h. TORINO WIRELESS presentation (Italy)
- i. 2I3T business incubator presentation (Italy)