

Sistema Regionale
Piemontese per la Ricerca
e l'Innovazione

RFID in Piedmont

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Regione Piemonte

Presentation overview

1. Some figures about Piedmont
2. R&D actors
3. RFID Industry



1. Some figures about Piemonte

Sistema Regionale Piemontese
per la Ricerca e l'Innovazione



- 4.3 m. inhabitants (7,5% of the national population)
- Over 1,8 m employees (18% in hi-tech sector)
- 411 k companies (of which 1,600 with over 50 employees)
- Over 100 b euro GDP (8,4% of national income produced)
- 10% of national industrial production
- Torino 2006 host city of XXth Winter Olympic Games with an investment of over 8 b euro

2. R&D actors

An outstanding region

- Top Italian Region for R&D investment : 1.8% GDP
- Industry investment in R&D : 78,6 %
- Over 18,000 R&D employees: 11.6 % of the national total
- 25% of national private R&D investment

Updated Regional Innovation Scoreboard to monitor Piemonte's R&D performance in response to policy inputs against those of other 12 European Regions



2. R&D actors

4 Universities:

- University of Turin, Polytechnic of Turin, University "Amedeo Avogadro", University of Gastronomic Sciences



6 Science and Technology Parks (STPs)

- Bioindustry Park (biotechnology)
- Environment Park (renewable energies & hydrogen)
- Virtual and Reality Multimedia Park
- Tecnogranda (agri-food)
- PST Valle scrivia (logistics)
- Tecnoparco del Lago Maggiore (energy and materials)



1 Technology district

- Torino Wireless (ICT)



1 Platform committee

- Aerospace and aeronautics



2 University incubators

Over 100 research centers (public & private)



3. RFID Industry

Local University has been active in the **RFID** area for long time.

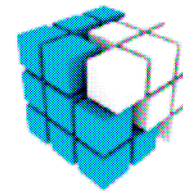
A dedicated **research team** has been set up **in ISBM since 2004** with:



- design and implementation of an **extended EPC** middleware
- embedding of RFID technology in **smart objects**
- **process control** in industry and document management with RFID tags
- indoor real time **positioning**
- **assistive technologies** for visually impaired

3. RFID Industry

Participation in EPoSS



EPoSS

European Technology Platform
on Smart Systems Integration

Co-operation with local industry



Contact with National Authorities



3. RFID Industry

ISMB offers to be the **RFID Piedmont** node of the foreseen **Thematic Network** as an instrument to explore new ways of implementing RFID solutions and to identify new potential areas for future projects, leading EU excellence also to local SMEs.

We are also looking at an **Italian Living Lab** on RFID technology.



Thank you for your attention

For further information:

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