



torinowireless

ICT and Innovation in Piemonte

Stefano Pisu

OCOVA 2011, Gap, Sept. 12th

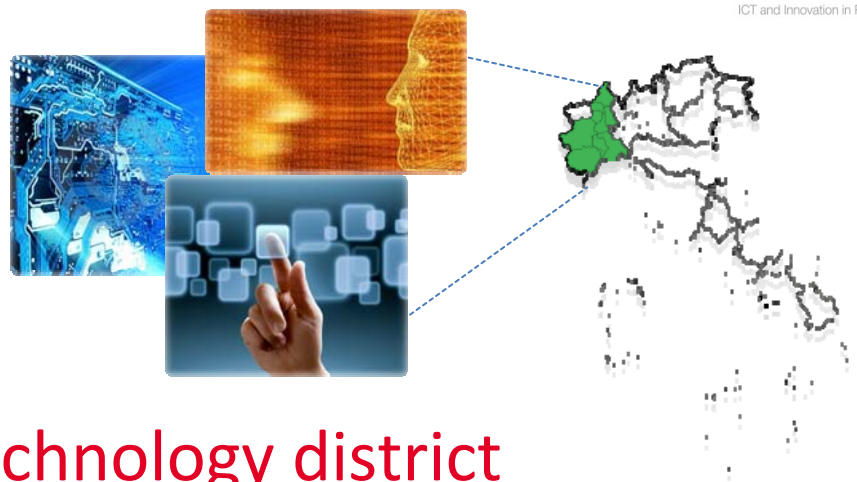
IoT & Smart Objects in Piemonte

An outlook on current innovation projects

Torino Wireless Foundation

- **non-profit organization**

- » Est. 2003
- » Based in Turin, Piemonte, Italy



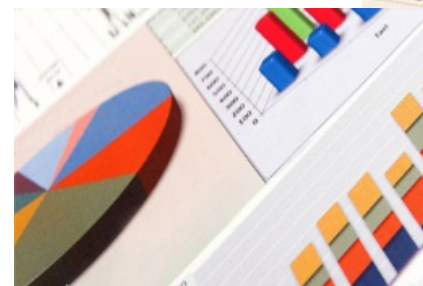
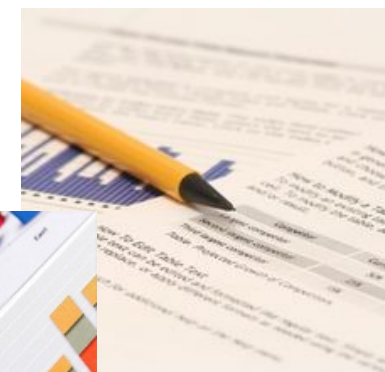
- » Leading the **first Italian technology district**

- «... to foster the development and growth of ICT SMEs **in Piedmont**...»

- » ...that work in **Electronics, Computer Science** or **Telecommunications**
- » Companies from **traditional industries**, that leverage on ICTs for their **innovation** path

■ Services offered

- » Funding of R&D Projects
- » Consultancy services
- » Venture Capital
- » Business Networking



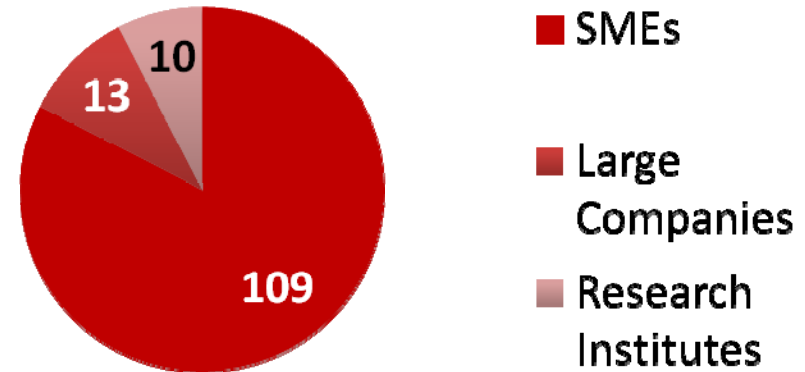
■ Quick facts

- » 700+ companies in the network
- » 1.200+ services provided
- » 30M+ Euros funding R&D Projects



The best of breed: ICT Pole

A **subset** of the whole district, with **132 Members**, mostly SMEs, with all significant Research Institutions of the region involved



“ To make **infrastructures** and **services** available,
To drive **technology change** in the region,
To address the **Regional policies** for research and innovation



ICT Pole's relevant projects

- 16 projects on Smart Technologies

Annual Plan	Financed Projects	Total value of the ICT division in projects	Regional grant for the ICT Cluster
2009/2010	26	10.4 Mln €	5.6 Mln €
2010/2011	14	7.2 Mln €	3.9 Mln €
Total	40	17.6 Mln €	9.5 Mln €

- Tourism, ITS, Environmental monitoring, Mobile, e-Health, Smart Buildings

- » 80+ among Large companies, SMEs and Research Institutes involved
- » 11M€ total projects' budget
- » 5,7M€ granted



E-Tourism: a new-born cluster

- **Launched March 2011**
 - » 26 companies joined
 - » Create projects, coordinate & synergize, address new customers
- **Current projects:**
 - » Federated Online **Booking for cultural events & museums**
 - » **City tagging**: tag monuments and city spots
 - » City-wide **wi-fi** network **for citizens and tourists**
 - » «**Mood-based**» leisure **search engine**



1,5M€ to R&D Projects in July

- ToW opened a call on Smart Factories and Smart Energy

- » 21 proposals submitted

- » 8 on Energy

- » More than 36 SMEs, 2 Large companies, 5 Research Institutes

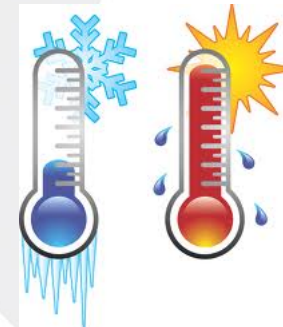


- Main areas of project presented:

- » Lighting

- » HVAC

- » Remote Metering for multi-utilities



Intelligent Transport Systems

- Working on ITS Regional Projects since 2006

- » Cluster set-up (40 among Large Companies, SMEs, Research Institutes, policy makers)

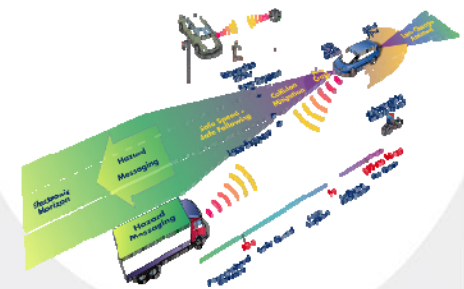
- » Vision design with MIT, Piemonte Region, Politecnico, Turin University, Industry leaders, Industrial Union



- Currently working on SMUM (Smart Urban Mobility) first demonstrator with Torino City Council

- » Focus on people mobility

- » Services “quick & dirty” demonstration





- The city is working to apply to ***European Smart City*** initiative
- Special focus on **energy, buildings and mobility**

- **Torino Wireless:**
 - » Supports City Council to **synergize** with Cluster Companies (public and private)
 - » Collaborates on **projects set-up** and submissions (FP7, FP8,...)
 - » Supports **new calls** and projects design

What we look for at OCOVA

- Getting in touch with **new potential partners** for **inter-regional projects** (EU)
- Offering
 - » **extensive network** of more than 700 companies
 - » **strong technology base**
 - » Ability to work in team
 - » Torino Wireless: **coordination & interface**



Thank you

Stefano Pisu

Fondazione Torino Wireless

stefano.pisu@torinowireless.it

www.torinowireless.it