

# Objective ICT-2009.1.3. INFO DAY

Internet of Things and Enterprise  
Environments

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European Commission  
Information Society and Media



## Highlights



- **Treviso Tecnologia** (TVT) promotes innovation and TT in the province of Treviso – Italy  
TVT is also a research and no-profit organisation having its own labs and offering high end services (i.e. IPR, certification, training, Technology Transfer, etc)
- **Fast Forward** is a joint initiative launched in 2007 in collaboration with the local Industrial Association (Unindustria Treviso) that is focusing FP7 and other EU initiatives, helping companies in being informed and getting more involved (partner search, assistance, management)
- In the last two years 200+ companies were taken to be directly involved in innovation and TT initiatives, from projects to networking, from joint investments to commitment with European partners (RES, IND)
- **Keywords:** district, manufacturing, ICT, intelligent systems, consumer safety, logistic, agro-food, mechanic, ageing, retail, web based services, mobility, furniture, design, energy efficiency/saving, process, product engineering, human-machine interface, data mining and data elaboration
- TVT and the Industrial Association make available to project coordinators and intermediaries their **wide network** and contact with hundreds of SMEs based in the region



**The Cluster is the development model strongly characterizing the economy over the last forty years mostly in North and Center Italy.**

The **Veneto Region** (pop. 4.527.694) is characterized by presence of several industrial areas aggregating companies on relevant industrial sectors such as textile and clothing, leather and shoes industry, sport-system products, wood and furniture, electrical appliances, conditioning and industrial refrigeration, eyewear. The economy is structured also through 40 manufacturing clusters.

Veneto Region Gross Domestic Product (GDP) is estimated at 94.9 Billions €: 9.1% of the national GDP and it ranks second for number of companies (9% of Italy) as well as for export (36.4 billion Euros, 14.1 % of Italy).

The **province of Treviso** is the first in Italy as per density of companies (95.000, 1VS 8 inhabitants). In the last decades it has experienced a huge and fast economical development passing from an agricultural to a manufacturing model (largely labor intensive) while in the recent years the public and private stakeholders are engaged on a pathway towards an "innovation and design" driven economy model.



It has to be emphasized the 'innovativeness' and dynamicity, recognized at national and international level, of the companies belonging to this territory: **an acceleration** of this process is required by the SMEs themselves.

**The Treviso heterogenous environment** is well represented by the diversification of SMEs activities i.e. 32% manufacturing, 42% building, 8% logistics, 6% commerce, 3% research, etc. spread on more than 7 acknowledged productive districts.



**Treviso Tecnologia** is the Special Agency for Innovation, of the Chamber of Commerce of Treviso (1989). It is a no-profit entity, acting as a facilitator to promote and spread innovation-oriented business culture in SMEs, being aware of the fast evolving global business scenario where adopting the technological innovation and fostering high specialized competencies are the keys to success for companies.

The three core working areas encompass competences and services in our portfolio:

Innovation and  
Technological Transfer

**Services and projects with innovative and cutting edge technological content (focus on new technologies and ICT) as well as TT (i.e. FPx, IRC, European Res. Institutes (i.e. FhG), fund raising, etc) in connection with academia and research centers**

Specialist and  
Managerial Training

**Innovative training paths to create global competencies and specialized skills in a lifelong learning vision (TVT is ISO 9001: 2000 certified for Training Services) leveraging the use of innovative supporting tools.**

Business and IPR  
services

**Integrated services about Quality & Metrology, Safety, Environment & Energy, Intellectual Property (i.e. certification of products and systems) and Product Testing (textile/clothing, wood/furniture, chemical, agro-food, etc). Treviso Tecnologia is an European Patent Library Office and knot of the EPO (European Patent Office).**



**UNINDUSTRIA TREVISO**  
unione degli industriali della provincia di Treviso

**The special unit "FAST FORWARD" (established in collaboration with the Industrial Association of Treviso) aims at supporting the local SMEs in rising awareness and involvement in FP7 initiatives, paying particular attention to the cutting edge technology as a way to harness competitiveness.** Technology scouting, idea discussion, partner search and assistance during proposal preparation or participation are some of the services delivered. We assist companies also in terms of identification of potential synergies and cross cutting opportunities and development of local and global networks, favouring the SMEs' internationalisation and research phenomena.



Possible ideas and sectors of interest, mostly in the manufacturing area, discussed with our SMEs and/or result of ideas generation events about INTERNET OF THINGS:

- **Railways:** monitoring, security, control, safety
- **ICT:** Human-Machine interface (i.e. sw, ergonomics, design, etc), data mining, AI, cognitive and converging technologies, Machine to Machine interface
- **Household appliances:** smart (communicating) devices, self-diagnostic
- **Furniture:** safe house, AI domotics, human-like interaction, spread communication (i.e. node to node), interactive and self-learning furniture, multi purpose lighting
- **Large scale retail trade:** intelligent logistics (i.e. optimisation, information capture, etc), delivering efficiency, planning-on-board, cash-flow automation, single (self-) ID
- **Building:** meta-sensors, interactive and adaptive house (for elders, disable, etc), intelligent ceramics and roof systems
- **Agro-food:** control, quality assurance, consumer safety
- **Manufacturing misc.:** extended lean manufacturing, interactive traceability, footwear, smart labeling, complexity management
- **Services:** companies certification platform (i.e. SA8000) and increased interaction with supply chain and consumers, workers safety and safe working environment platforms (i.e. geo-systems, smart sensors)

**The strong presence of ICT companies as well as of manufacturing clusters (i.e. textile/clothing-apparel, plastic, footwear, sporting goods, furniture, agro-food, mechanic) make this territory an interesting and complete pilot environment or test bed for new applications.** The contacted companies expressed a strong commitment/interest to participate as **pilot, technology provider, developer** in other EU project proposals.



## Requests/ Contacts

- We are an institutional but down-to-earth organisation daily in touch with companies (most of them SMEs) and can act as entry point
- We have technical competence to make preliminary discussion on project ideas and interact with local actors
- In case required we are available to participate as organisation and join project consortia
- Different type of partners available: technology providers, manufacturers, SMEs, end users, research entities (public and private).
- From this year also the Industrial Association of Venice will be involved in some **Fast Forward** initiatives thus widening our scope and number of contacts
- Very few of our SMEs have EU projects coordination experience

### Contact



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