



**tecnalia**  
Corporación Tecnológica

ETORKIZUNERAKO GRINA  
**PASIÓN POR EL FUTURO**  
PASSION FOR THE FUTURE

*More information:*

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[www.tecnalia.info](http://www.tecnalia.info)

## TECNALIA contributes value and wealth

**We are** a private and independent, internationally known Technology Corporation created within the Basque technology environment in Spain. We include the following Technology Centers: **Azti**, **European Software Institute (ESI)**, **Fatronik**, **Inasmet**, **Labein**, **Neiker** and **Robotiker**.

**Our mission** is to offer value and wealth to **Society in general**, and to the **Business community in particular**, by means of Research and Technology Innovation.



### Some key figures:

#### **More than 1,350 persons**

300 PhDs or taking the PhDs

#### **Annual income: 97 m€ (2006)**

50% Contract research projects with companies

50% Public competitive R&D Programmes

#### **2nd Private entity and 3<sup>rd</sup> in the Spanish global ranking of FP6 returns**

172 FP6 projects

#### **10 international offices, presence in the five continents**

3 kind of activities:

- **R&D: RESEARCH AND DEVELOPMENT.** R+D Projects for our clients make up 75% of our activity.
- **I&C: INNOVATION AND COMPETITIVNESS.** Services with high Added Value and intensive in know-how to increase the level of innovation of People, Companies, Institutions and Society in general.
- **te+C: CONFORMITY EVALUATION.** Technological services in the area of **Quality Certification and Conformity Evaluation** throughout the whole value chain of our clients.

Operational model based on sector-oriented Business Units:



**INFOTECH Business Unit** specialised in Research, Development and Application of Information and Communication Technologies (ICT), not only in the Enterprise Framework but also in the Digital Society.

INFOTECH provides solutions to those Sectors in which ICT Technologies are the key for generation and/or exploitation of added value:

- Logistic and Industrial Sector
- Tourism and Entertainment.

### Research Areas

**Trazability of people, goods and vehicles**

**Mobile Services**

**Machine Vision**

**Biometric Systems**

**Semantic Technologies**

**Digital Ecosystems**



■ **A sample of RFID projects:**

- ▶ SMMART – System for Mobile Maintenance and Accesible in Real Time, an FP6 project that has been involved in the CERP Cluster of European Projects addressing RFID Applications.
- ▶ TRACE:RFID and Biometric for Trazability in Shop Floor (ERANET - MANUNET)
- ▶ mCiudad: A Metropolis of Ubiquitous Services (FP7)
- ▶ Mobitick: Ticketing system for cellular phone terminals (National Cooperation)
- ▶ SmartTouch: Browsing Through Smart Objects Around You (ITEA)
  
- ▶ Technical Feasibility Study for the use of RFID for newborn babies.
- ▶ Study of the miniaturisation of Electronic tags for tracing of living commercial fishes

■ **Other related activities:**

- ▶ Steering Committee of the Spanish Technological Platform on Security (**eSEC**), leading the **Group on Identification and Control**.
- ▶ Spanish Platform on Logistics (**LOGISTOP**).
- ▶ Leading a multiplatform group related to “**Security of the Supply Chain**”, in which RFID is one of the main key aspects.
- ▶ At regional level (Basque Country), Robotiker Tecnalía is leading a program about the **Future Internet**, in which one of the research areas is the “Internet of Things”.
- ▶ At national level we are promoting the Future Internet initiatives in the Spanish ICT Technological Platforms. At EU level, we have also been present in the BLED Assembly for the Future Internet.

▶ **Thematic Network Activities:**

▶ Federation of existing initiatives.

- ▶ Share information and experiences.
- ▶ Promotion of groups of experts at EU level.

▶ Roadmap on RFID.

▶ Best practices identification.

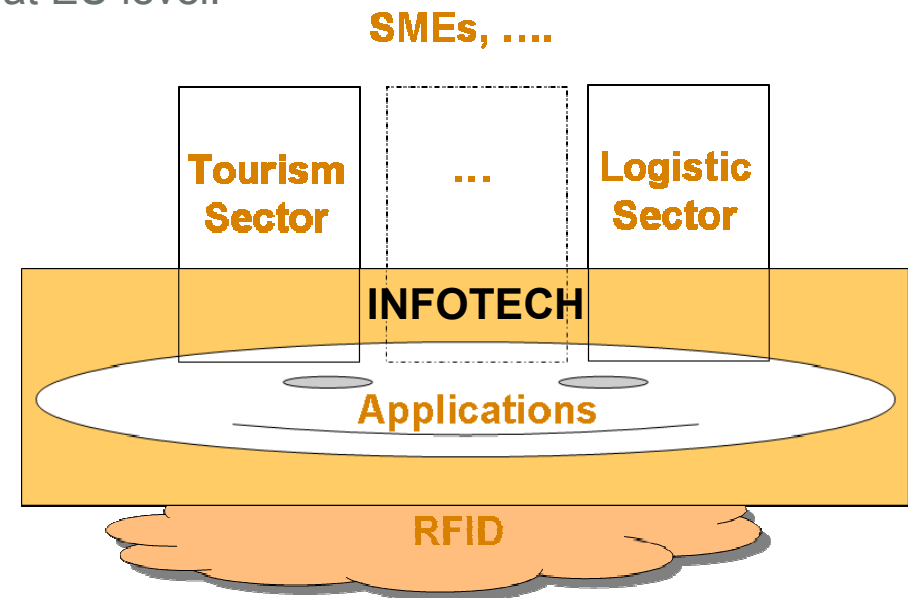
▶ Potential new areas of application.

- ▶ Future pilot projects.

▶ Dissemination Activities.

- ▶ SMEs specially.
- ▶ Promote knowledge and adoption among companies

▶ Standardisation.





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