



Cultural Heritage Identity Card


## Labein-Tecnalia (LABEIN) Spain



Steering Committee Member  
Isabel Rodriguez Maribona




Cultural Heritage Identity Card



Cultural Heritage Identity Card

## Basic Facts



### What is TECNALIA?

A private **Technological Corporation**, under the legal form of a non-profit member-based foundation

Each centre has a financial structure of 50% income from commercial activities under contract, plus **50% funding from R&D projects** (35% R&D projects instructed by the Administration, 15% European projects)

### Why was TECNALIA created?

It was created in 2001 with the aim of contributing to the **economic and social development** by promoting technological innovation

Cultural Heritage Identity Card



Cultural Heritage Identity Card

### Who we are





### Our mission

To provide **value and wealth to society** as a whole and to the industrial fabric in particular, through Research and Innovation in an international context.



Cultural Heritage Identity Card



Cultural Heritage Identity Card

### Our activities



**RESEARCH AND DEVELOPMENT.** Tailor-made solutions to solve problems and take advantage of opportunities, dealing with diverse aspects of the processes we are expert in.

**INNOVATION AND COMPETITIVENESS.** High added-value, knowledge-intensive services to increase the level of innovation of individuals, companies, institutions and society as a whole.

**EVALUATION OF CONFORMITY.** Technological services in the area of Quality Certification and Evaluation throughout the value chain of our clients.



Cultural Heritage Identity Card

**eu chic**  
Cultural Heritage Identity Card



## Facts and figures


*N° 1 private technological entity in Spain*  
→ *N° 5 in Europe*

*A workforce of over 1,400*

160 PhDs      40 % women      From over 20 countries

*30 centres*  
11 International: France, Bulgaria, USA, Chile, Argentina, Brazil, Ecuador, Mexico, China, Australia and Colombia

**7** SEVENTH FRAMEWORK PROGRAMME 

Cultural Heritage Identity Card

**eu chic**  
Cultural Heritage Identity Card

## Major relevant references

Present in the decision-making centres for European R+D policies

Member of the Executive Committee of EARTO, a European Association bringing together the leading applied R+D companies and groups in the EU

Member of EUROTECH, a select group of leading EARTO organisations

**7<sup>th</sup> R&D FRAMEWORK PROGRAMME (2007)**

Total projects approved: **40**


Projects led: **4**

- CODICE (NMP)
- LAYSA (Transport)

TECNALIA has a European Projects Office supported by the INNOEUROPA Programme.

**Income:** **13,4M €**  

Cultural Heritage Identity Card





Cultural Heritage Identity Card

### Construction and Territorial Development

**FROM ATOM TO TERRITORY**

<b>MATERIALS</b>	<ul style="list-style-type: none"> <li>• Nanomaterials</li> <li>• Certification and characterisation</li> <li>• Quality control</li> </ul>
<b>BUILDING</b>	<ul style="list-style-type: none"> <li>• Pathology and rehabilitation</li> <li>• Fire safety</li> <li>• Construction Steel</li> </ul>
<b>CITY</b>	<ul style="list-style-type: none"> <li>• Urban environment</li> <li>• Sustainable construction</li> <li>• Cultural Heritage</li> </ul>
<b>TERRITORY</b>	<ul style="list-style-type: none"> <li>• Environmental management of territory</li> </ul>

Cultural Heritage Identity Card



Cultural Heritage Identity Card

### Labein's experience

- Built heritage assessment and surveying: study of the decay degree of ancient materials, structural analysis and monitoring of environmental and structural parameters
- Built heritage management: development of long term strategies for the sustainable conservation and enhancement of built heritage, where conservation criteria are of a great relevance.
- Strategies to provide added value to the Cultural Heritage within its build environment, where strategies and tools to preserve a living cultural heritage are considered
- Regarding cultural heritage, Labein is leading three FP6 projects: **GRAFFITAGE**, **OPERHA** and **CHRAF**, and it is involved in **TEACH** and in other **INTERREG** and National projects.
- Member of the **ECTP**, it is participating in 5 of the 6 the Focus Areas of the ECTP and it belongs to the coordination group of the FA Cultural Heritage. It is also participating actively in the Spanish Construction Technological Platform co-leading the Area of Cultural Heritage.




Cultural Heritage Identity Card




Cultural Heritage Identity Card

## Project Team

- **Isabel Rodriguez-Maribona** (Doctor in Chemistry). She is an expert project manager with a large experience in managing construction research projects at national, European and international level. She is the co-ordinator of GRAFFITAGE (STREP) and CHRAF (SSA) under FP6. She has been evaluator of CRAFT and GROWTH projects in FP5 and has a wide experience in working mainly with restoration SMEs. She is leading a working group in the Focus Area Cultural Heritage in the ECTP and co-leads the Cultural Heritage Focus area in the Spanish Construction Technology Platform.
- **Alessandra Gandini** (Architect). Graduated at the Politecnico of Milan with a thesis on the preservation and evaluation of the Valganna area, presenting a refurbishment project of a mine's ruin. She has worked at the Politecnico di Milano as assistant of Prof. Marco Dezzi Bardeschi and for the scientific secretariat of the Third International Exhibition on Monuments Restoration, promoted by ICOMS, till 2007.
- **Jose Luis Izkara** (Telecommunications Engineer). He is senior researcher in the Construction Unit of Labein, in augmented reality technologies for the innovation in construction processes and cultural heritage. He has participated in many European projects and European NoEs. His main interest areas are: Augmented/Mixed Reality, Mobile Computing, Conversational Avatars, Computer Based and Intelligent Training systems, and Collaborative Environments).




Cultural Heritage Identity Card



Cultural Heritage Identity Card

## Links in benefit of CHIC

- Partnering and other stakeholders which will be suggested for the Advisory Network or on any other way linked or informed about CHIC



Cultural Heritage Identity Card

