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| General description of activity | <p>LABEIN is a private, non-profit technological research & innovation centre, settled in Bilbao, Spain, with more than 50 years of experience in supporting enterprises and administration bodies in their technological and innovation needs. LABEIN support to their customers is carried out by means of RTD, Demonstration, Technology Transfer & Innovation projects, Technical Assistance, Knowledge Management Systems as well as Training and Dissemination activities.</p> <p>LABEIN's fields of activities are Regional Development, Construction and Environment, Iron & Steel, Automotive and Energy. LABEIN has a total staff of 323 people with different background (technical, economical and social), 70% of them with high-qualified degrees and 10% doctors. About 36% of the researchers are women. Total turnover was 28 M Euro in 2006. More that 60% of the turnover comes from industry. Labein is member of different associations of research and innovation at regional, national and international level. Among them, the most relevant are Saretek (Basque Country network for research and innovation), FEDIT (Spanish Federation for research and innovation organisations) and EARTO (European Association of Research and Technology Organisations).</p> <p>LABEIN is very active in performing projects in an international level, being involved in more than 48 European projects from the FP6 - leading 11 of them. It has been involved also in 40 European projects from FP5 - leading 8 of them. In relation with other programmes, LABEIN is or has been involved in more than 40 projects of the RFCS (Research Fund for Coal and Steel) programme, 1 EQUAL, 1 ASIA-URBS, 1 ASIA IT&C, 1 e-Content, 3 INTERREG III B Atlantic Area (leading one of them) and 3 INTERREG III C.</p> |

Projects concerning construction (programme, title, duration, role: coordinator/partner)

The "Construction and Territorial development" Unit's activity is summarized in the following chart.



Furthermore, the "Regional Development Unit" also participates in several projects with construction as focus sector.

Projects:

LABEIN takes part in the CENIT (National Programme) "Prometeo" project lead by Acciona, and thus bets on innovation in the field of construction materials as a way to create new business opportunities. The project is aimed at extending knowledge and create new technologies to produce light materials, with multiple functions and easy to manufacture. Organic and ceramic materials are basic to achieve higher quality, improve safety issues, improve

The ManuBuild (FP 6) involves open manufacturing in construction, ambient and scalable manufacturing methods, and value driven business processes appropriately supported by ICT to provide affordable, customised and flexible buildings improving the quality of life and providing better value to the customer with related services offered by knowledge-driven SMEs. Labein is partner of this project.

BUILDNOVA (Building Innovation in the European Construction Sector, FP6) is aimed at creating processes that better link the financial aspects of innovation to the construction sector. The lack of funding being a recognised obstacle that hinders the implementation of many new innovative business ideas in the construction sector. Coordinator: Labein

e-NVISION (A New Vision for the participation of European SMEs in the future e-Business scenario, FP6 2006-2008): The main objective of e-NVISION is the development and validation of an innovative e-business platform enabling SMEs to model and adapt particular business scenarios; to integrate all their enterprise applications and to incorporate legal, economical, social and cultural services, with the final goal of facilitating their participation in the Future European e-Business Scenario. This Semantic e-Business Platform is being validated in four different scenarios involving SMEs of the Construction and Building industry. Coordinator: Labein

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| <p>Relationship with /membership in organizations and associations</p> | <table border="1"> <tr> <td>ECTP</td> <td>European Construction Technology Platform</td> </tr> <tr> <td>ACHE</td> <td>Scientific-Technical Association of Structural Concrete</td> </tr> <tr> <td>ACLIMA</td> <td>Cluster of Environment Industries in the Basque Country Region</td> </tr> <tr> <td>AEC</td> <td>Spanish Association for Quality</td> </tr> <tr> <td>EKLAE</td> <td>Quality Control Laboratories Association in the Basque Country Region</td> </tr> <tr> <td>ENAC</td> <td>National Entity for Accreditation</td> </tr> <tr> <td>EUROLAB</td> <td>Spanish Association of Essay Laboratories</td> </tr> <tr> <td>EUSKALIT</td> <td>Basque Foundation for Quality</td> </tr> <tr> <td>EUSKOEREL</td> <td>Control organisms Association of the Basque Country Region</td> </tr> <tr> <td>FEDIT</td> <td>Spanish Federation of Innovation and Technology Entities.</td> </tr> <tr> <td>FUNDACIÓN CCTT</td> <td>Technology Centres Foundation</td> </tr> <tr> <td>PTEC</td> <td>Spanish Technology Platform for Construction</td> </tr> <tr> <td>RILEM</td> <td>Reunion Internationale des Laboratoires d'Essais et de Recherches sur les Matériaux et les Constructions</td> </tr> <tr> <td>SEA</td> <td>Spanish Association for Acoustics</td> </tr> </table> | ECTP | European Construction Technology Platform | ACHE | Scientific-Technical Association of Structural Concrete | ACLIMA | Cluster of Environment Industries in the Basque Country Region | AEC | Spanish Association for Quality | EKLAE | Quality Control Laboratories Association in the Basque Country Region | ENAC | National Entity for Accreditation | EUROLAB | Spanish Association of Essay Laboratories | EUSKALIT | Basque Foundation for Quality | EUSKOEREL | Control organisms Association of the Basque Country Region | FEDIT | Spanish Federation of Innovation and Technology Entities. | FUNDACIÓN CCTT | Technology Centres Foundation | PTEC | Spanish Technology Platform for Construction | RILEM | Reunion Internationale des Laboratoires d'Essais et de Recherches sur les Matériaux et les Constructions | SEA | Spanish Association for Acoustics |
| ECTP | European Construction Technology Platform | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Certificates and Awards</p> | <p>Labein is recognised by the ENAC, the National Entity for accreditation which is the organism appointed by the National Administration for the establishment of an accreditation system at national level, in compliance with international rules, following the policies and recommendations established by the European Union. Labein is recognised in a broad set of areas related to energy, construction, mechanical, such as:</p> <ul style="list-style-type: none"> 4/LE287 – Concrete and its components 4/LE456 – Acoustics in Building 4/LE675 – Ceramic materials of fired clay <p>Labein is also recognised following different European directives and regional decrees in "Building Quality" and "construction" areas</p> <p>Labein Works also with a Quality System recognised following the ISO 9001:2000, recognised by IQNet, as well as ISO 14001</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |