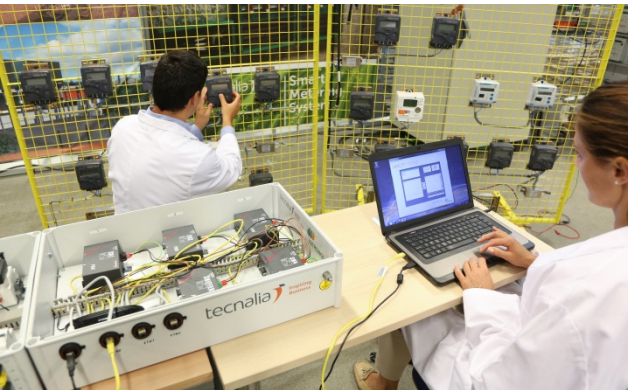
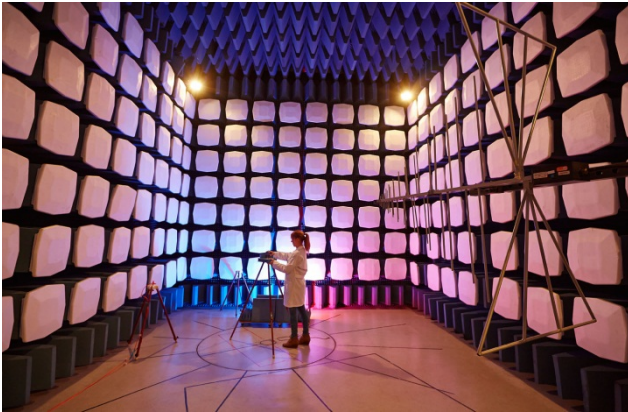


Certification of Smart Meters and Smart Data Concentrators

Conformity Assessment services of Smart Meters and Smart Data Concentrators to certify the compliance with national and international standards and specifications.



- Competence and independence
- International recognition
- Integrating energy and telecom sectors
- **Single Point Lab.** for your product's full conformity assessment services

AIMED AT

- Manufacturers of Smart Meters, Smart Data Concentrators and PRIME chipsets
- Utilities
- Technology services and outsourcing companies
- Suppliers of Smart Grids and Smart Meters technology

SERVICES

- Conformity Assessment: standards and specifications
- Technical assistance
- Technical consulting
- Product development tests
- Interoperability tests

TEST OBJECTS

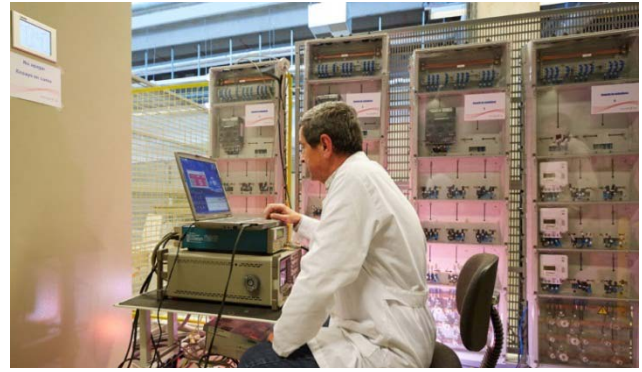
- Smart Meters
- Smart Data Concentrators
- PRIME Modems
- PRIME Chipsets
- Auxiliary elements, filters, cables, junctions, branching
- PLC communication equipment

TESTS

- MID certification Tests
- PRIME protocol Certification
- CENELEC EN 50065-1, EN 50065-2-3, EN 50065-7 tests
- DLMS Conformity and Functionality tests
- Interoperability tests
- Efficiency tests
- EMC
- Climatic & mechanical

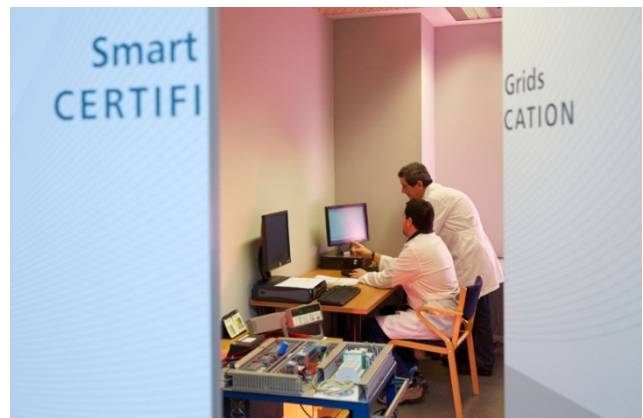
FACILITIES

- PRIME Laboratory
- EMC Laboratory
- DLMS Laboratory
- Interoperability Laboratory
- Environmental Tests Laboratory
- Radiofrequency Laboratory
- Low Voltage Safety Laboratory



RECOGNITION AND ACCREDITATION

- Official laboratory of the PRIME Alliance
- PRIME Alliance Regular Member
- ENAC accredited laboratory for Energy Sector with Accreditation No. 4/LE148:
 - Generation, Transmission, Distribution and Use of Electrical Energy in Medium and High Voltage.
 - Electromagnetic Compatibility (EMC)
 - Climatic and Mechanical Tests.
- Notified Body for 2004/108/CEE Directive on EMC
- Recognized laboratory by LAPEM (Mexico) on EMC
- Member of CSEI&T in ENAC/ILAC
- Member of TC210 in CENELEC
- Member of DLMS User Association
- Member of G3-PLC Alliance



ENAC (Spanish National Accreditation Body) is member of International Laboratory Accreditation Cooperation (ILAC) and its accreditations are recognized around the world.



Contact:
Marta Castro
marta.castro@tecnalia.com



TECNALIA is a private applied research & testing centre with the necessary human resources to generate technological knowledge. A combination of technology, tenacity, efficiency, courage and imagination.

TECNALIA has over 1.500 expert staff working together towards a common goal: generating business opportunities through applied research and technical services.

TECNALIA
Parque Científico y Tecnológico de Bizkaia
C/ Geldo, Edificio 700
E-48160 Derio - Bizkaia (Spain)
T 902 760 000*
T +34 946 430 850 (International calls)