

# Donostia - San Sebastián, Spain

## CEIT

Donostia - San Sebastián, Spain

### Gonzalo Solas

- [Organisation Information](#)
- [Cooperation Profiles](#)

#### ABOUT US

CEIT-IK4 is a non-profit research centre that was created by the University of Navarra in 1982. Our primary mission is to carry out applied industrial research projects under contract, working closely with our clients' R&D departments.

CEIT-IK4 promotes excellence in applied research by publishing non-confidential results, disseminating scientific and technical knowledge in a variety of venues, and training doctoral students within the framework of industrial research projects.

CEIT-IK4 seeks regular collaboration with companies in a range of sectors (railway, aeronautical, automotive, health, manufacturing, energy and environment) and strives to understand all aspects of our clients' business in order to develop high value added solutions through applied investigation projects. In addition to offering innovative solutions to our clients, CEIT-IK4 trains young researchers who are preparing to join the labour market and add value to the production system.

CEIT-IK4 has been working during the last 20 years with the most important companies in the railway sector. Our main capabilities in the railway sector are:

Railway

Our References

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Capabilities

Our main capabilities in the railway sector are:

- [Signalling and Embedded Systems](#)
- [Materials and Processes for Railway Applications](#)
- [Power Electronics, Electromagnetics Machines and Energy Storage and Management Systems](#)
- [Railway Dynamics](#)
- [Software Tools for Railway Applications](#)

#### AREAS OF ACTIVITY

##### Market application

- Aviation
- Automated Road Transport
- Urban Mobility
- Green Vehicles

##### H2020 2017 Call Topics - Aviation

- MG-1.2-2017: Reducing aviation noise

##### H2020 2017 Call Topics - Automated Road Transport

- ART-01-2017: ICT infrastructure to enable the transition towards road transport automation

##### H2020 2017 Call Topics - Urban Mobility

- MG-4.2-2017: Supporting 'smart electric mobility' in cities
- MG-4.3-2017: Innovative approaches for integrating urban nodes in the TEN-T core network corridors

##### H2020 2017 Call Topics - Logistics

- MG-5.2-2017: Innovative ICT solutions for future logistics operations
- MG-5.4-2017: Potential of the Physical Internet

##### H2020 2017 Call Topics - Socioeconomic & Behavioural

- MG-8.2-2017: Big data in Transport: Research opportunities, challenges and limitations

##### H2020 2017 Call Topics - Green Vehicles

- GV-04-2017: Next generation electric drivetrains for fully electric vehicles, focusing on high efficiency and low cost

- GV-05-2017: Electric vehicle user-centric design for optimised energy efficiency
- GV-06-2017: Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency
- GV-07-2017: Multi-level modelling and testing of electric vehicles and their components
- GV-08-2017: Electrified urban commercial vehicles integration with fast charging infrastructure



ORGANISATION  
**CEIT**

COUNTRY  
Spain

City: Donostia - San Sebastián

TYPE  
Research

SIZE  
51-250 people

CONTACT  
[\(+34\) 943 212800](tel:+34943212800)  
[gsolas@ceit.es](mailto:gsolas@ceit.es)

WEBSITE  
<http://ceit.es/en/>