

Eurocert

Department of Railway
Certification

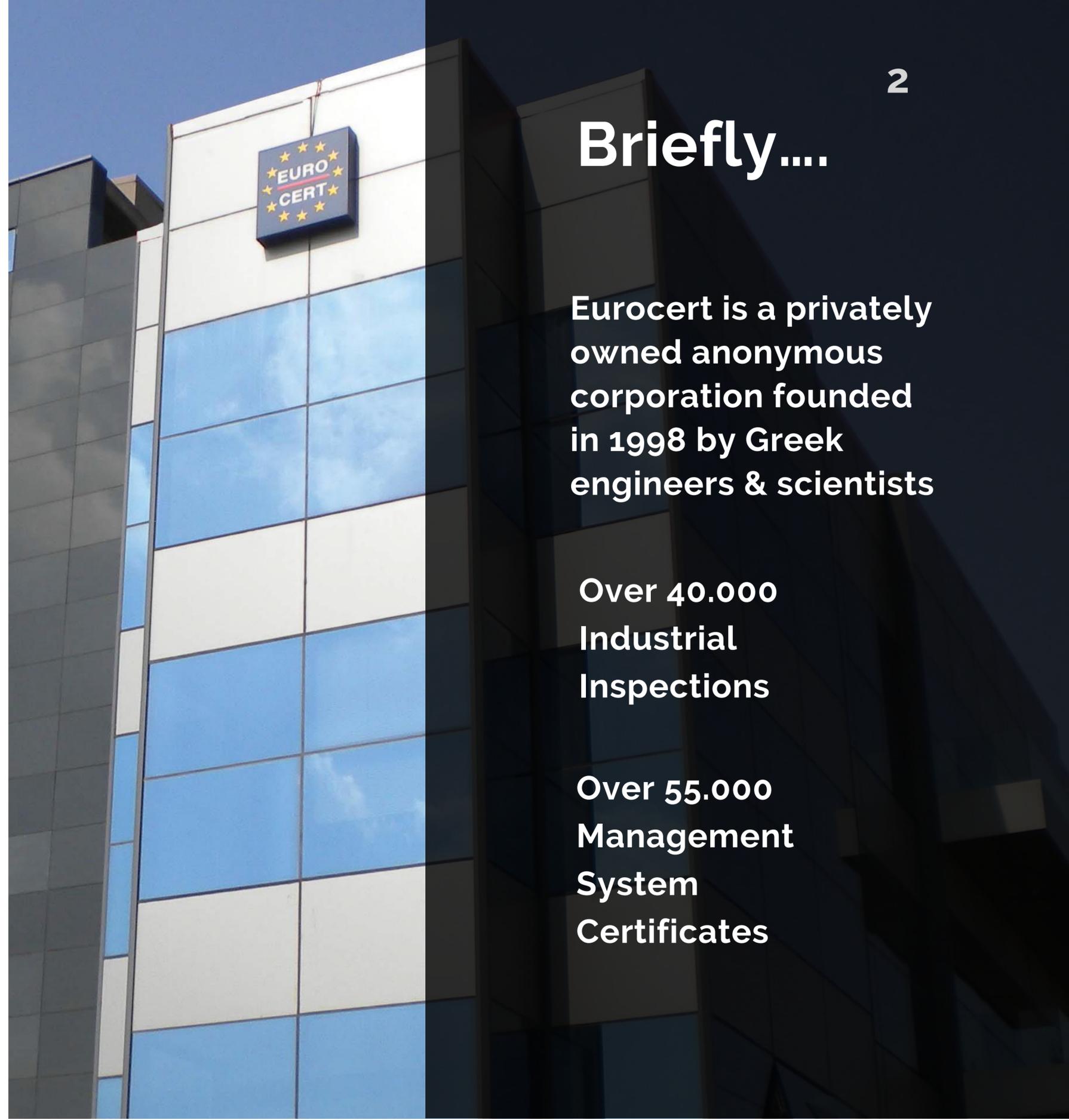




Department of Railway Certification

Greek Certification Body

**21 Years in the service
of quality**



Briefly....

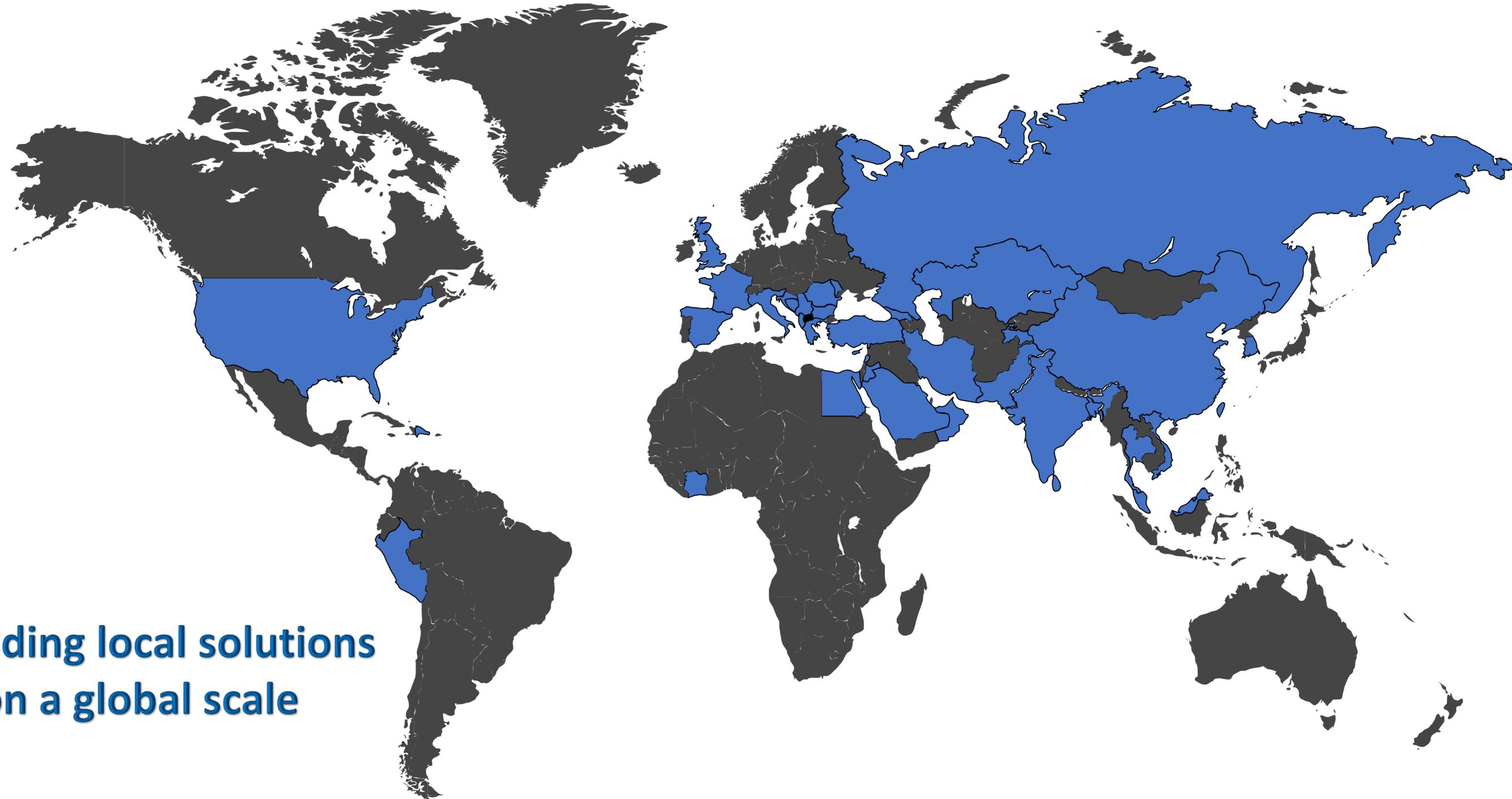
Eurocert is a privately owned anonymous corporation founded in 1998 by Greek engineers & scientists

Over 40.000
Industrial
Inspections

Over 55.000
Management
System
Certificates



Strong International presence in over 40 countries through subsidiary companies and representative offices



- Greece
- Cyprus
- Italy
- Bulgaria
- Romania
- Serbia
- Spain
- Turkey
- Egypt
- Israel
- Kuwait
- Iran
- U.A.E
- Pakistan
- India
- Albania
- Malaysia
- Vietnam
- Taiwan
- China
- S. Korea
- Russia
- Bangladesh
- U.S
- France
- Georgia
- Ivory Coast
- U.K.
- Lebanon
- Saudi Arabia

**Providing local solutions
on a global scale**

ONE-STOP Service Partner

For all your railway certification and inspection needs

NoBo, DeBo, AsBo and ISA services from a single certification body

The railway sector is one of the most diverse multidisciplinary markets. Eurocert's experts will be able to assist in high & conventional speed rail, in light & urban rail as well as for any other structural subsystem or part thereof.

Eurocert supports rail manufacturers, operators, keepers and authorities with a comprehensive portfolio of inspection, certification and training services to ensure safe and secure as well as reliable and efficient railway transportation.



Eurocert as a Notified Body

Eurocert is accredited and notified according to the European Directive of Interoperability 797/2016 regarding all subsystems and constituents as well as all the available independent TSIs.

- Infrastructure
- Energy
- Rolling stock
- Control Command and signaling

The CE mark, consisting of the letters 'C' and 'E' in a stylized, bold font.

NB 1128

The text "NOBO" in large, bold, white capital letters, overlaid on a black and white photograph of a railway tunnel under construction. The photo shows several workers in hard hats and safety gear working on the tracks and the surrounding rock walls.

Eurocert as an Assessment Body according to European Regulation 402/2013

ASBo

The European Commission Common Safety Method (CSM-REA) on Risk Evaluation and Assessment Regulation (352/2009 repealed by 402/2013 (as amended 2015/1136)), provides a legal obligation and mandatory framework for the evaluation and assessment of risk associated with significant changes to the EU railway.



Eurocert is the only Greek accredited certification body according to EU Regulation 402/2013. Eurocert's scope includes all structural subsystems and all possible "changes" initiated by the "proposer"

Eurocert as an Independent Safety Assessment Body according to EN 50126 EN 50128 EN 50129

Eurocert offers a full spectrum of ISA related services including the overall assessment of Generic Products (GP), Generic Applications (GA) and Specific Applications (SA). Also Eurocert offers certification of railway components and systems according to the required SIL.

SIL Certification

Eurocert can assess your product and certify its suitability for SIL 1,2,3,4 applications depending on your requirement.

ISA

Eurocert as a Designated Body for Greece

Eurocert is Designated by the ministry of Transport and Infrastructure to inspect and certify all TSI open points of structural subsystems and all rolling stock wishing to enter the Greek network.

Eurocert cooperates with DeBo companies of other member states if required by the rolling stock holder

DeBo



Accreditation & approvals

Eurocert holds accreditation certificates and approvals for over 50 standards. The ones relevant to the railway sector are:



Product certification
No. 21



Inspection
No. 53



Member of the association
of notified bodies
for interoperability



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΥΠΟΔΟΜΩΝ ΚΑΙ ΜΕΤΑΦΟΡΩΝ

Designated Body
For assessment
of Greek NNTR



Member of
Cooperation of CSM
Assessment Bodies

NoBo reference

SKA – Athens airport suburban railway

Eurocert completed the conformity assessment of the suburban railway network of Athens. Eurocert was closely audited by the Hellenic Accreditation Body E.SY.D. during the onsite inspections due to accreditation obligations. The project included the inspection according to numerous subsystems and TSIs

 **INF TSI**
32 km of double track, max design speed of 200 Km/h

 **ENE TSI**
Catenary system of AC 25kV / 50 Hz

 **CCS TSI**
ETCS level 1
Compatibility of Track side and On-board the RST

 **PRM TSI**
At 9 railway stations and stops and inside the passenger compartment of DESIRO EMU-5 OSE CLASS 460

 **SRT TSI**
Eytaxias tunnel 1,7 km

DeBo reference

Eurocert completed the certification of 2 Romanian built locomotives according to the Greek NNTRs. The locomotives were built prior to the application of the IOD and had to be certified against the whole Greek NNTRs not just TSI open points.

**ELECTRIC
LOCOMOTIVE**

040 EA

**DIESEL ELECTRIC
LOCOMOTIVE**

Serie 060 DA



ISA reference

Electronic Interlocking SIL 4

Eurocert as an ISA assessed the conformity for the ERMIS interlocking system as a Generic Product as well as two specific applications. The product was certified as suitable for SIL 4 applications.

 Railway Station
of Athens

 Railway Station
of Ag.I.Rentis

AsBo reference

Assessment of the high speed railway line Tithorea - Domokos

Assessment of the risk analysis according to the
Common Safety Method of EU Regulation
402/2013/EU.

The project includes 102 km of electrified double track
with maximum design speed of 200km/h. The line
includes 16 tunnels, 49 railway bridges and 2 new
stations.





Department of Railway Certification

Indicative clients



They trust us



The eight essential steps of certification

Regardless the nature of the project the basic steps remain the same

Application sent
by applicant

1

Review of
application and
exchange of
technical details

2

Establishing a
contract and
agreement on
audit plan

3

Desk review of
documentation
(design,
schematics...)

4

Auditing on site/
clients offices

5

Witnessing of
relevant
testing

6

Eurocert's
internal review
guarantying
impartiality

7

Issuing of
deliverables,
reports,
certificates

8

Contact us

We are at your disposal to guide you through the certification process.

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