



European Network for Accreditation of  
Engineering Education

*The European Network for the  
Accreditation  
of Engineering Education (ENAE)  
awarding the EUR-ACE<sup>®</sup> label  
([www.enaee.eu](http://www.enaee.eu))*

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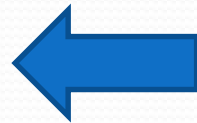
ENAAEE authorizes accreditation agencies to award the EUR-ACE Label to engineering degree programmes they accredit, at Bachelor and Master degree level.



*Accreditation  
agencies*



*B.Eng & M.Eng  
Degree  
programmes*



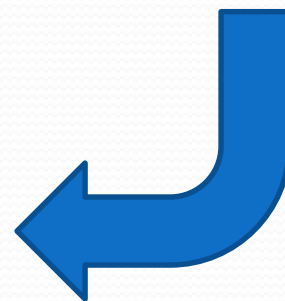
In order to be granted the authority to award the EUR-ACE Label, an accreditation agency must satisfy ENAEE that it carries out programme accreditation in accordance with the EUR-ACE Framework Standards (EFS) of ENAEE.

*Accreditation  
agency*



*Respect of EUR-ACE  
Framework Standards*

*Authority to  
award the  
EUR-ACE Label*



## *The origins of ENAEE ...*

- *2000 – ESOEPE: European Standing Observatory ...*
- *2004 – two EU funded projects on the EUR-ACE Label: EUR-ACE (EU countries, LLP programme; PRO-EAST, partner countries, TEMPUS programme)*
- *2006 – Establishment of ENAEE*
- *2007 – First six agencies authorized to award the EUR-ACE Label*
- *2008 – EUR-ACE Spread Project*
- *2009 – Seventh agency authorized*
- *2012 – QUEECA – spreading the EUR-ACE label to Central Asia*
- *2013 - Nine agencies now authorized. Two candidate*

*Agencies in final stage of authorization process:*

*OAQ (Switzerland) and KAUT (Poland)*

# *List of Authorised Agencies, September 2013*

**FRANCE** – CTI – Commission des Titres d'Ingénieur. [www.cti-commission.fr](http://www.cti-commission.fr).

**GERMANY** - ASIIN– Fachakkreditierungsagentur für Studiengänge der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften, und der Mathematik e.V. [www.asiin.de](http://www.asiin.de)

**IRELAND** – Engineers Ireland– [www.engineersireland.ie](http://www.engineersireland.ie)

**ITALY**- QUACING – Agenzia per la Certificazione di Qualità e l'Accreditamento EUR-ACE dei Corsi di Studio in Ingegneria – [www.quacing.it](http://www.quacing.it)

**PORTUGAL** – Ordem dos Engenheiros – [www.ordemengenheiros.pt](http://www.ordemengenheiros.pt)

**RUSSIA** – AEER – Association for Engineering Education in Russia. [www.aeer.ru](http://www.aeer.ru).

**ROMANIA** – ARACIS – The Romanian Agency for Quality Assurance in Higher Education - [www.aracis.ro](http://www.aracis.ro)

**TURKEY** – MÜDEK – Association for Evaluation and Accreditation of Engineering Programmes. [www.mudek.tr](http://www.mudek.tr)

**UK** - Engineering Council – [www.engc.org.uk](http://www.engc.org.uk)

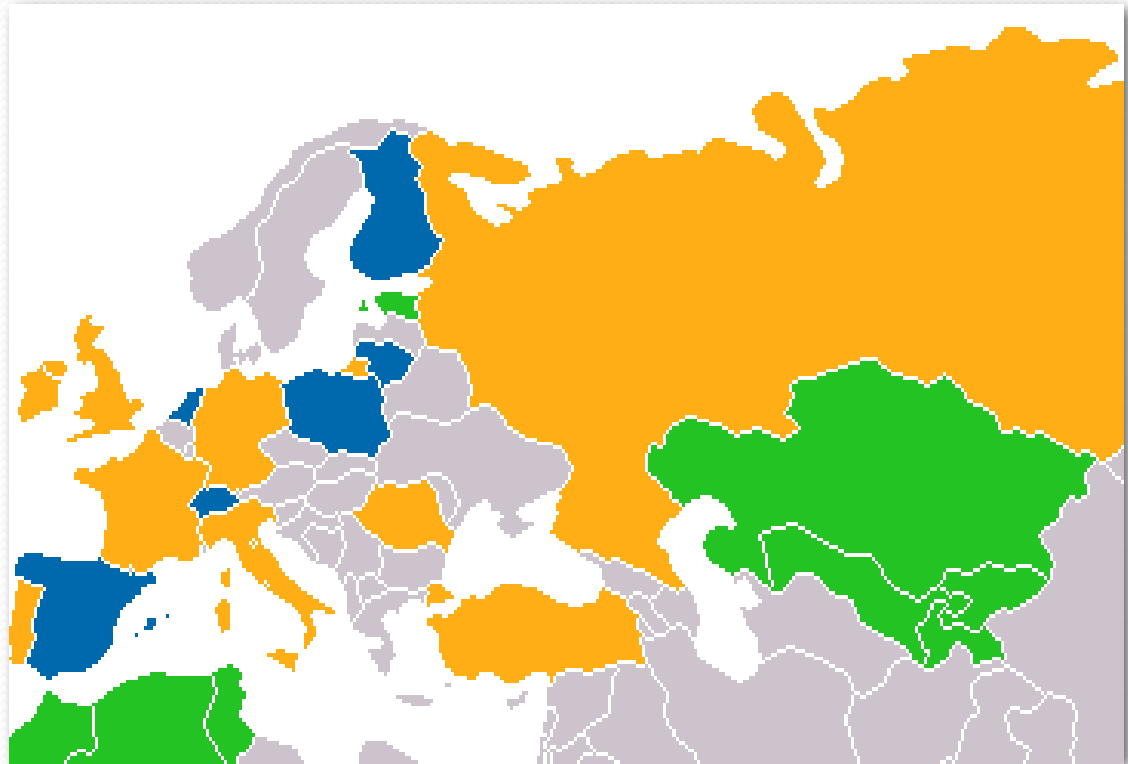
## Europe and the EUR-ACE system: the most advanced system of field-specific professional accreditation in Europe

### Legend

Yellow: countries with agencies authorized to deliver the EUR-ACE label

Blue: Countries with agencies being under review to deliver the „EUR-ACE „label

Green: Mentoring/EU-Projects



# Members of ENAEE

ENAEE has currently 17 full members and 3 associate members through  
**Engineering Organisations , Accreditation Agencies, Others**

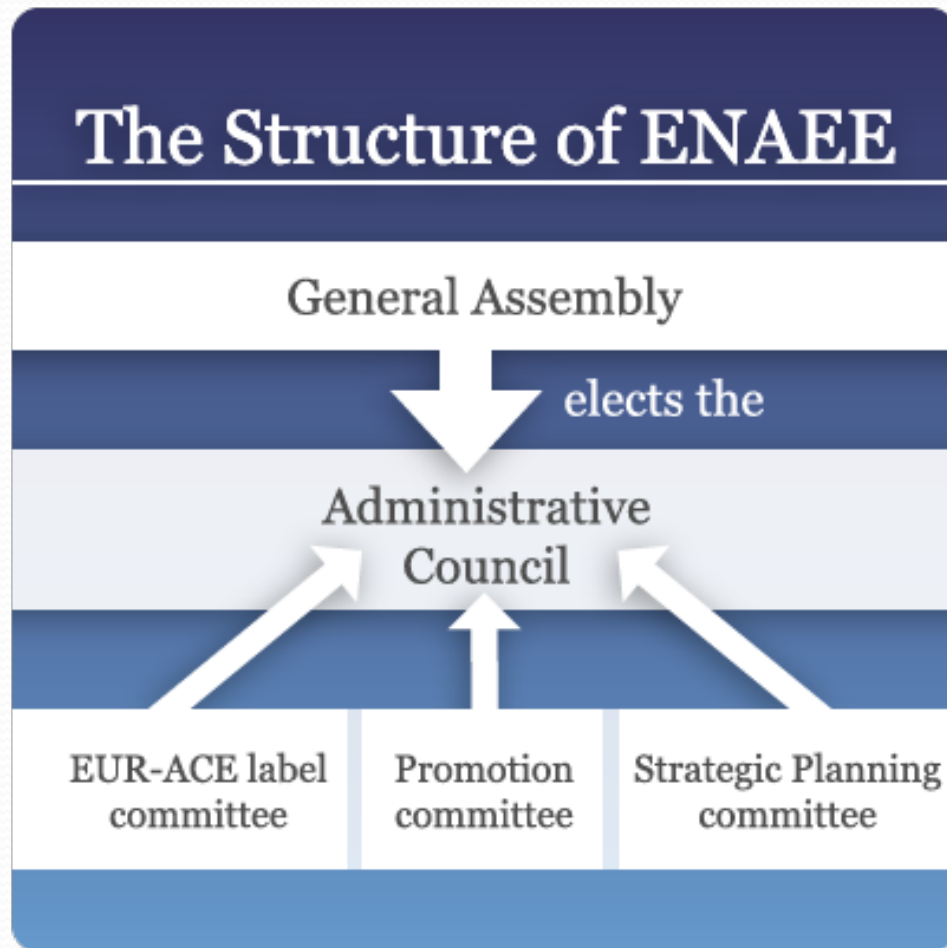
## Full members

FEANI- Belgium - <http://www.feani.org>  
ENGINEERING COUNCIL - United Kingdom - <http://www.engc.org.uk>  
CTI – **Commission des Titres d'Ingénieur** –France - <http://www.cti-commission.fr>  
ASIIN – Germany - <http://www.asiin-ev.de/pages/de/asiin-e.-v.php>  
ORDEM DOS ENGENHEIROS -Portugal -  
<http://www.ordemdosengenheiros.pt>  
CoPI – Conferenza dei Presidi delle Facolta' di Ingegneria Italiane – Italy -  
<http://www.confpresing.it>  
ENGINEERS IRELAND - Ireland -<http://www.engineersireland.ie>  
AEER – Association for Engineering Education in Russia - Russia -  
<http://aer.ru/en>  
EUROCADRES – Conseil des Cadres Européens - Belgium -  
<http://www.eurocadres.eu>  
UNIFI – Scuola di Ingegneria dell'Universita degli Studi di Firenze - Italy -  
<http://www.unifi.it>  
IDA – The Danish Society of Engineers - Denmark -<http://www.ida.dk>  
BBT – Switzerland - <http://www.bbt.admin.ch>  
MÜDEK – Association for Evaluation and Accreditation of Engineering Programs  
- Turkey - <http://www.mudek.org.tr>  
IIE – Instituto de la Ingenieria de Espana - Spain - <http://www.iies.es>  
ARACIS – The Romanian Agency for Quality Assurance in Higher Education -  
Romania - <http://www.aracis.ro>  
TEK – Finnish Association of Graduate Engineers - Finland - <http://www.tek.fi>  
QUACING – Italy - <http://www.quacing.it>

## Associate Members

CLAIU- Belgium - <http://www.claiu.org>  
SEFI – Société Européenne pour la Formation d'Ingénieur  
Belgium - <http://www.sefi.be>  
IGIP – International Society for Engineering Education -  
Austria - <http://www.igip.org>

# Structure of ENAEE



- *General Assembly (20 members)*
- *Administrative Council (9 elected members including President, two Vice-Presidents and Treasurer)*
- *Label Committee (Nine qualified representatives of authorised agencies)*
- *Promotion Committee (Chair and nine members appointed by Administrative Council)*



# ***EUR-ACE Label Authorisation Process for applicant accreditation agencies (1)***

- 1. Mentoring Process (optional)*
- 2. Application submitted to ENAEE by the agency*
- 3. ENAEE Label Committee establishes three person Review Team from its membership.*
- 4. Application studied by Review Team to consider if agency satisfies EUR-ACE Framework Standards*
- 5. Review Team conducts site visit to country of applicant agency, including the observance of two accreditation visits and a meeting of the decision making council of the agency.*

## ***EUR-ACE Label Authorisation Process for applicant accreditation agencies (2)***

- 6. Review Team makes recommendation to Label Committee*
- 7. Label Committee makes recommendation to ENAEE Administrative Council*
- 8. ENAEE Administrative Council makes decision to accept or reject Label Committee recommendation.*
- 9. If successful, ENAEE issues certificate to authorised agency.*

***Total duration of process: approx. 12 months***

# Benefits for Students/Graduates

- Assurance that the EUR-ACE® programmes they graduated from meet high European and international standards
- Being enrolled in a “EUR-ACE” accredited course facilitates horizontal and vertical mobility application to EUR-ACE® Bachelor and Masters programmes in other HEIs (the ECTNA goes one step further)
- International recognition of degrees as meeting academic standards (link to ERIC/NARICS essential)
- Professional Recognition: Graduates from “EUR-ACE” accredited course have their academic qualifications automatically accepted; regulatory bodies accept EUR-ACE® labelled programmes as meeting requirements for chartered engineer; “EUR-ACE” programs first step of the professional card

## Benefits for HEIs

- Assurance that programme meets quality standards set by the European engineering community, interesting marketing tool
- In some cases the EUR-ACE accreditation might develop the capacity to substitute state recognition of programs; automatic inclusion of EUR-ACE"-accredited courses in the FEANI index; integral first step for the European professional card
- Benchmarked against other European programmes, basis for QA of joint/double degree programs
- Reliable information on quality of Bachelor programmes for admission for Master programmes
- Incentives for students to choose EUR-ACE labelled programmes; The European Commission has identified "EUR-ACE" as best practice

# Benefits for employers

Successful completion of EUR-ACE labelled programme assures:

- Competences of graduates: Candidate's knowledge, understanding and practical capabilities meet international standards
- Reliable information on quality of degree program
- Not only academic standard of programme checked but also relevance for profession
- Complement to Diploma Supplement

## Benefits for accreditation agencies

- Offering additional quality label to customers (HEIs)
- Certification of quality of accreditation agency according to ESG *and* employers' requirements
- Alternative Route into the EQAR <sup>(1)</sup>
- Integration into European network of engineering professionals
- Possibility to accredit in other European countries and beyond in which no authorized agency are operating

**<sup>(1)</sup> European Quality Assurance Register in Higher Education**

## Benefits for professional engineers organizations

- Guarantee that graduates meet educational requirements for entering into their registers (if organisation has set its educational standard at EUR-ACE level)
- FEANI automatically includes the EUR-ACE<sup>®</sup> accredited programmes in its Index of European recognized engineering programmes; EUR-ACE automatically recognized as first step in the professional card for Engineers

## *Number of EUR-ACE Labels awarded up to June 2013:*

*Over 1200 engineering degree programmes in 170 universities in 15 countries have been awarded the EUR-ACE Label by the nine authorized accreditation agencies. These are listed on the publicly accessible database on the ENAEE website*

*Thank you ....*