





FEANI

EUROPEAN FEDERATION OF ENGINEERS

*** 1951**

CENTRAL SECRETARIAT

Schuman Square 6,

1040 Brussels

<http://www.feani.org>

33 National Members (EHEA)

+/- 6 million engineers

NATIONAL MEMBERS



CORPORATE MISSION

- ➔ To be **a single voice** for the engineering profession in Europe
- ➔ To affirm and develop the professional identity
- ➔ To facilitate the mutual recognition of engineering qualifications in Europe
- ➔ To **strengthen the position**, role and responsibility of engineers in society

FEANI STRATEGIC OBJECTIVES

1. **Develop New Website + Electronic Newsletter (Summer 2017)**
2. **Finalize “European Engineering Education Database”: merger FEANI INDEX + ENAEE EUR-ACE (October 2017)**
3. **Set-up “Engineers Europe Advisory Group” (September 2018)**
4. **Implement “Engineers for Europe” project (June 2019)**
5. **Evolve FEANI into “Engineers Europe” (2022)**

ENGINEERING CARD

- Tool for **mobility**
- Validation of **professional experience**
- Supported by a **EU directive**



01. Name/Titel
Surname/Title

02. Vorname Given Name

03. Geburtsdatum und -ort
Date and Place of Birth

04a. Ausstellungsdatum
Date of Issue

04b. Gültig bis
Date of expiry

05. Verbandszugehörigkeit
Date of Association/Association number

06. Berufszugehörigkeit
Profession

07. Qualifikationen
Qualifications

| 08. | | Datum Date |
|-----|---|-----------------|
| | Studium Academic studies | |
| A1 | Bachelor/Diplom [FH] | 30.07.2003 |
| A2 | Master/Diplom [TU/TH] | 27.11.2005 |
| A3 | Dr.-Ing. | |
| | Berufserfahrung Professional Experience | |
| B1 | Unternehmen Free Economy | X |
| B2 | öffentl. Dienst Civil Service | |
| B3 | selbstständig Self-employed | |
| | Weiterbildung Further Education | Anzahl Number |
| C1 | Seminar mit Teilnahme Tutorial with Certificate of Attendance | 1 |
| C2 | Seminar mit Abschluss Tutorial with Final Exam | |
| C3 | Fortbildung mit Zertifikat Advanced Education with Certificate | |

- **Academic Studies**
- **Professional Experience**
- **Training & Further Education**

ENGINEERING CARD

Five major features

- **Completeness:** education, professional experience, continued training
- **Standardized:** based on EU standards (EQF)
- **Reliable:** independent testing and recognition
- **Flexible:** through decentralised administration
- **Voluntary** : a personal professional step

What procedure ?

Application,
submission
of diplomas
and certificates



Verification,
acceptance
by national
Register Committees



Alignment with
FEANI-List



Acceptance into
the national
Engineering
Register

EUR ING



- Facilitate the **movement** of engineers within and outside the geographical area represented by FEANI's member countries
- Framework of **mutual recognition**

- ➔ To provide information about the various formation systems of individual engineers for the benefit of prospective employers
- ➔ To encourage the continuous improvement of the quality of engineers by setting, monitoring and reviewing standards

EUR ING TITLE

A guarantee of competence

- **Engineering education** – Min. 3 years
- Education schools and programmes listed in **FEANI INDEX**
- **Professional experience** – Min. 2 years
- **A 7 years formation**, with a balance of education and experience

What procedure ?

Application,
submission
of all documents
required



Verification,
registration
by National
Monitoring Committees



Deliberation,
acceptance by the
European Monitoring
Committee



Listing of the
EUR INGs in the
FEANI Register

ENGINEERS EUROPE ADVISORY GROUP

To develop new partnerships and widen our network

- ➔ To strengthen the **role of engineers** in European society to thrive in the Fourth Industrial Revolution and to promote the skills thereto required
- ➔ To **assist the EU** to be a centre of excellence in education and training
- ➔ To support **modernisation and internationalisation** efforts among higher education institutions, business and our national professional organisations
- ➔ To promote common values and work towards **a closer understanding and mutual learning** between the stakeholders
- ➔ To identify barriers or obstacles that restrict or inhibit the ability of academia to **engage with business and industry**



ENGINEERS EUROPE ADVISORY GROUP : 17 SIGNATORIES OF THE LETTER OF INTENT



European Network for Accreditation of
Engineering Education



Technische
Hochschule
Georg Agricola



ENGINEERS EUROPE
ADVISORY GROUP

KNOWLEDGE ALLIANCE ENGINEERS FOR EUROPE (E4E)

In partnership with :



1. ENGINEERS EUROPE MONITOR (EEM)

For a continuously updated source of information and inspiration for university-business interaction on engineering professionals

- **An online platform** with a growing data content fed with **surveys** conducted on Students, Graduates, Active Engineers, Employers in **6 pilot countries** (SE, IE, DE, FR, IT, PT)
- A reflection of engineering professionals' inputs focusing on **4 aspects** :
1. Personal background, 2. Initial and continuing education, 3. Career development and mobility, 4. Labor conditions
- **Visibility of the results** : EEM News Flash (bi-annual), EEM Report (annual), growing media presence, short videos

2. ENGINEERS EUROPE EDUCATION REFORM ACCELERATOR (ERA)

To help accelerate reform in engineering education and bridge the gap between engineering education and practice

- Launching of the **Engineers Europe Skills Compass**
- Fast **feedback loops** between education and practice

➔ To provide training institutes with the latest feedbacks from professional practice

➔ To help engineering education and practice reinforce and accelerate each other

➔ To help learners acquire and renew relevant **future-oriented competences** to face the challenges of digitalization and artificial intelligence

3. ENGINEERS EUROPE CAREER DEVELOPMENT SERVICES (CDS)

To ensure that engineering professions can put their competences at the service of society and innovation

- A series of **career development services** in the engineering professions in industry and public service :

1. **Engineers Europe Badges** : to acknowledge the candidates' learning and extras by engineering professionals
2. **Engineers Europe Expert Portal** : to match supply and demand in the engineering field and stimulate cross-fertilization for talent and expertise

➔ To increase enthusiasm for **lifelong learning** and open new career perspectives for engineering professionals

E4E KNOWLEDGE ALLIANCE

A unique position to cover both significant actors in academia, employer's associations and associations of engineering professionals

A constituency of millions of individuals active in the engineering professions

A wealth of experience and a huge potential for cross-fertilization largely untapped so far

Launching date : 7 June 2019, Brussels

A transformation strategy for FEANI

- ➔ Ensure **a single voice of engineers** in Europe, being the principal contact for the EU and therefore obtain institutional weight
- ➔ Highlight and **promote the role of the profession** in the society and for economic growth
- ➔ Develop **policy/position papers** and involve industry/employers
- ➔ Seek a closer **cooperation with industry and employers**
- ➔ Start with an informal partnership : the duration and administration of such an **initial phase of partnership should be determined** and then **include other organisations** in a next step



ENGINEERS EUROPE



ENGINEERS EUROPE

ADVISORY GROUP

