

European Professional Card for Engineers



24-03-11, European Business Conference, Bruges

Dirk Bochar, Secretary General FEANI

Added value :

- Become a reliability label for Professional Groups
- Speed up the recognition procedure and save costs
- Recruitment tool for employers who will be gaining time
- Ensure increased transparency on the job market
- Advantages for the European economic area in terms of mobility of professionals

Common format :

- The benefit of standardization is not obvious for all professional groups
- Each professional group must determine which qualifications are best documented
- Example : « engineers » versus « tourist guides »

Use of the card :

- Benefit will not be as high in professions in which automatic recognition already exists (as compared to other professions)
- FEANI sees no distinction in « temporary mobility » and « establishment » in terms of security and/or quality of the work to be done : such distinction makes no sense

Regulating/non-regulating states :

It will be quicker and easier for the competent authorities to decide if the requirements imposed by national law have been satisfied or not – if not : compensation measures.

Link with European and existing law :

- That the qualifications on the card should be recognised throughout Europe, should be stipulated at European level.
- The actual configuration of the card should be left to national professional organisations.
- Compliance with national laws and regulations is a matter of the relevant authorities in each country.

EU Qualifications Framework :

- European standards for classification should definitely be taken into account.
- EngineerING-card complies to EQF-criteria 6, 7 and 8 = a European standard for the classification of professional qualifications.

Competent Authorities and Costs :

- At least for the EngineerING profession the card should be issued by the competent national professional organisation in each country.
- These are best-placed to assess the relevant qualifications of an applicant and to classify them against EQF.
- Application fee should be determined at national level.

What kind of Information ? What Validity ? Which Database ?

- All qualifications of relevance to the profession :
e.g. for engineers this relates to :
 - Education
 - Professional experience
 - CPD
- Valid for 10 years, update at any time.
- Plastic card without chip at present, with link to a national registry database.

Design



The image shows a design for an 'engineering card' (Berufsausweis für Ingenieure). It includes a photo of a man, a signature, and various fields for personal and professional information. A table on the right details further education (Weiterbildung) with columns for qualification type, description, and number of instances.

Weiterbildung Further Education		Anzahl Number
C1	Seminar mit Teilnahmebescheinigung Tutorial with Certificate of Attendance	1
C2	Seminar mit Abschlussprüfung Tutorial with Final Exam	
C3	Fortbildung mit Zeugnis Advanced Education with Certificate	

Education: academic studies

01. Name/Titel Surname/Title	06.		
02. Vorname Given Name		Studium I Academic studies	Datum I Date
03. Geburtsdatum und -ort Date and Place of Birth	A1	Bachelor/Diplom [FH]	30.07.2003
04a. Ausstellungsdatum Date of Issue	A2	Master/Diplom [TU/TH]	27.11.2005
04b. Gültig bis Date of expiry	A3	Dr.-Ing.	
05. Verbandszugehörigkeit Member of Association/Organization	Berufserfahrung I Professional Experience		
06. Ausweisnummer ID Number	B1	Unternehmen I Free Economy	X
07. Unterschrift Signature	B2	öffentl. Dienst I Civil Service	
08. Schlüssel für Qualifikationen Key for Qualifications	B3	selbstständig I Self-employed	
007	Weiterbildung I Further Education Anzahl I Number		
	C1	Seminar mit Teilnahmebescheinigung I Tutorial with Certificate of Attendance	1
	C2	Seminar mit Abschlussprüfung I Tutorial with Final Exam	
	C3	Fortbildung mit Zeugnis I Advanced Education with Certificate	

- A1 Bachelor, short cycle
- A2 Master, long cycle
- A3 PhD, doctoral degree

- in accordance with the European Qualifications Framework
- in line with EUR-ACE Framework and/or FEANI-Index-criteria

Professional experience

01. Name/Titel Surname/Title	06.		
02. Vorname Given Name		Studium I Academic studies	Datum I Date
03. Geburtsdatum und -ort Date and Place of Birth	A1	Bachelor/Diplom [FH]	30.07.2003
04a. Ausstellungsdatum Date of Issue	A2	Master/Diplom [TU/TH]	27.11.2005
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	C3	Fortbildung mit Zeugnis I Advanced Education with Certificate	

- B1 industry/free economy
- B2 public service
- B3 self-employed

- documented for at least two years

Training: CPD – further education

01. Name/Titel Surname/Title	06.		
02. Vorname Given Name		Studium Academic studies	Datum Date
03. Geburtsdatum und -ort Date and Place of Birth	A1	Bachelor/Diplom (FH)	30.07.2003
04a. Ausstellungsdatum Date of issue	A2	Master/Diplom (TU/TH)	27.11.2005
04b. Gültig bis Date of expiry	A3	Dr.-Ing.	
05. Verbandzugehörigkeit Member of Association/Organization	Berufserfahrung Professional Experience		
06. Ausweisnummer ID Number	B1	Unternehmen Free Economy	X
07. Unterschrift Signature	B2	öffentl. Dienst Civil Service	
08. Schlüssel für Qualifikations Key for Qualifications	B3	selbstständig Self-employed	
007	Weiterbildung Further Education		Anzahl Number
	C1	Seminar mit Teilnahmebescheinigung Tutorial with Certificate of Attendance	1
	C2	Seminar mit Abschlussprüfung Tutorial with Final Exam	
	C3	Fortbildung mit Zeugnis Advanced Education with Certificate	

- C1 training/seminars with attendance certificate
- C2 training/seminars with final examination
- C3 continuing education with examination and degree

- recognition of continuous professional development
- certificates are not a requirement for obtaining the card

Registration in the National Engineering Register

VDI
Auszug aus dem Deutschen Ingenieurregister
Extract from the German Engineer Register

Name | Vorname: Maximilian
Nachname | Surname: Müller
Geburtsdatum | Date of Birth: 15.03.1980
Geburtsort | Place of Birth: Berlin

Profession | Profession: Ingenieur
Berufsbereich | Professional Field: Maschinenbau

Angaben zur Person | Personal Data
Geburtsdatum | Date of Birth: 15.03.1980
Geburtsort | Place of Birth: Berlin
Mutter | Mother: Müller
Vater | Father: Müller
Beruf | Occupation: Ingenieur

1. Ausbildung Academic Studies	
Ausbildungsart Type of Training	Art der Ausbildung Type of Training
Titel Title	Titel Title
Datum Date	Datum Date
2. Ausbildung Academic Studies	
Ausbildungsart Type of Training	Art der Ausbildung Type of Training
Titel Title	Titel Title
Datum Date	Datum Date
Berufserfahrung Professional Experience	
Beruf Profession	Beruf Profession
Zeitraum Period	Zeitraum Period
Weiterbildung Further Education	
Titel Title	Titel Title
Datum Date	Datum Date

Development in the Long or Short term

- Significant preparatory work done by individual professional engineering associations already since 2005.
- FEANI developed the EngineerING card in full within one year – unanimous approval by GA (31 countries) in October 2010.
- Implementation in the short term is surely possible (expected are 5 to 10 countries to start in the course of 2011).

Format and Languages

- See previous answers : plastic card in combination with national register entry
- Bilingual: language of the country of issue and English



EngineerNG card IN CONCLUSION:

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EngineerNG card : five major characteristics

- **Complete and Comprehensive:** education, professional experience, CPD training
- **Standardized :** based on EQF
- **Reliable :** verification in the country of origin by an independent commission which ensures wide recognition
- **Decentralized :** administration of the professional card is the responsibility of the respective EU Member State – leaving room for country specific additions
- **Voluntary :** no engineer is obliged to hold a card, it is a service to any engineer who wishes to be internationally mobile.

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Authority, decentralised organisation

National Register Committee

- defines national implementation of European standards
- decides on acceptance and issues the engineering card
- compiles a national engineering register (database)

FEANI Register Commission

- defines standards, quality assurance, monitoring
- compiles a list of all issued cards
- establishes board of complaint

Process of application :



Implementation – status Feb 2011

- Detailed FEANI Guidelines are approved
- Process and Rules of acceptance / verification are defined
- Register Commission (3 to 15 persons) will be defined
- Several countries are in the process to implement the card

FEANI calls on the political world to:

- create a suitable framework through revision of 2005/36/EC
- explicitly acknowledge the engineerING card in the Directive

➔ professional cards will simplify cross-border employment and mobility



Thank you for your attention

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