- Importance of engineering capacity
- Facilitation of engineering capacity
- Recognition of Engineering education
- Approaches to engineering education standards
- Activities of engineering associations to support transparency and recognition
Why is engineering capacity important?
What do we do about engineering capacity?
What approaches are there to support mutual recognition?
➢ Lisbon Convention April 1997/April 1999

➢ Equivalency agreements on the recognition of academic qualifications and the transfer of periods of study and examination outcomes

➢ Central Office for Foreign Education – ZAB

  ▪ Statement of Comparability for Foreign Higher Education Qualifications

  ▪ Expert Assessment about foreign educational credentials and their comparability to German qualifications
What approaches are there to create standards in (engineering) education?
- Knowledge and understanding
- Engineering Analysis
- Engineering Design
- Investigations
- Engineering Practice
- Making Judgements
- Communication and Team-working
- Lifelong Learning
How do engineering associations facilitate transparency and recognition?
GUIDE TO THE FEANI EUR ING REGISTER

(“EUR ING GUIDE”)
Conclusions

- Engineering capacity building facilitates economic growth/competitiveness
- Recognition enhances the value of an engineering education system
- Recognition helps to raise the reputation of a business location
- Education standards are an important instrument to support mutual recognition
- Education standards provide reliability and prevent fragmentation
- Engineering associations play a central role in facilitating the creation of engineering standards
Thank you for your attention!

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