



**INTERNATIONAL FEDERATION OF  
ENGINEERING SOCIETIES**

**1ST IFEES GLOBAL ENGINEERING  
EDUCATION SUMMIT**



**15. TURKISH ENGINEERING  
DEANS COUNCIL MEETING**

*30 September 2007  
Boğaziçi University, Istanbul*

# Main Objectives of MDK



- 1. To provide a forum for discussion and an information exchange concerning problems and experiences in engineering faculties;*
- 2. To encourage and facilitate cooperation among engineering faculties, industry, and government to enhance effectiveness of engineering education;*
- 3. To assess and recommend policies to promote excellence in engineering education in Turkey.*

# History and Entity



*Turkish Engineering Deans Council (MDK) is established in January 2001. It is composed of all the Deans of Engineering Faculties in State and Private Universities in Turkey and the Turkish Republic of Northern Cyprus (KKTC).*

*MDK is not a State Organisation or an Association. It is a non-governmental initiative.*

# Engineering Programs in Turkey



	TURKEY + TRNC Total Numbers (2006)	
Universities with Engineering Faculties	79  (Total 95)	
Engineering Faculties	93	
Programs Types	52	
Programs	559	

# Council Task Forces



1. *Engineering Evaluation Board (MÜDEK) 2002-2006*
2. *Assessment of Engineering Research Competence (MADEK)*
3. *Data Collection and Benchmarking Studies*
4. *Engineering Ethics Case Studies*
5. *University, Industry and Government Cooperation*

## **COUNCIL MEETINGS**

- |                       |                                                               |                                |               |
|-----------------------|---------------------------------------------------------------|--------------------------------|---------------|
| • 19 January 2001     | 1. MDK Meeting                                                | METU                           | Ankara        |
| • 20 June 2001        | 2. MDK Meeting                                                | METU                           | Ankara        |
| • 11-12 January 2002  | 3. MDK Meeting                                                | Çukurova University            | Adana         |
| • 24-25 May 2002      | 4. MDK Meeting                                                | Near East University           | Lefkoşa, TRNC |
| • 13-14 December 2002 | 5. MDK Meeting                                                | Selçuk University              | Konya         |
| • 16-17 May 2003      | 6. MDK Meeting                                                | Akdeniz University             | Antalya       |
| • 12-13 December 2003 | 7. MDK Meeting                                                | Başkent University             | Ankara        |
| • 20-22 May 2004      | 8. MDK Meeting<br><b>(I. National Engineering Congress)</b>   | Dokuz Eylül University         | İzmir         |
| • 3-4 December 2004   | 9. MDK Meeting                                                | Atatürk University             | Erzurum       |
| • 19-21 May 2005      | 10. MDK Meeting                                               | Uludağ University              | Bursa         |
| • 2-3 December 2005   | 11. MDK Meeting                                               | Anadolu University             | Eskişehir     |
| • 11-13 May 2006      | 12. MDK Meeting<br><b>(II. National Engineering Congress)</b> | Karaelmas University           | Zonguldak     |
| • 1-2 December 2006   | 13. MDK Meeting                                               | Pamukkale University           | Denizli       |
| • 4-5 May 2007        | 14. MDK Meeting                                               | Karadeniz Technical University | Trabzon       |
| • 30 Sept. 2007       | 15. MDK Meeting                                               | Boğaziçi University            | İstanbul      |
| • May 2008            | 16. MDK Meeting                                               | Erciyes University             | Kayseri       |
| • December 2008       | 17. MDK Meeting                                               | 19 Mayıs University            | Samsun        |
| • May 2009            | 18. MDK Meeting                                               | 18 Mart University             | Çanakkale     |

# A Success Story of MDK: MÜDEK



**Jan 2002:** MDK decided to establish a National Accreditation System for Engineering Education

**May 2002:** Engineering Evaluation Board (MÜDEK) was formed by MDK

**2003-2007:** 44 programs were evaluated (including 10 interim evaluations)

**Jan 2007:** *MÜDEK was transformed into an association in January 2007 ; MÜDEK is also a full member of European Network for Accreditation of Engineering Education (ENAE).*

# MÜDEK

Mühendislik Eğitim Programları Değerlendirme ve Akreditasyon Derneği  
Association for Evaluation and Accreditation of Engineering Programs

## **Objectives:**

**Develop and run a detailed program for evaluating (accrediting) engineering programs of MDK (Turkish Engineering Deans Council) member faculties which grant “engineering degree” to their graduates**

## **Main Tasks:**

- **Evaluation (accreditation) of engineering programs**
- **Selection and training of evaluators**
- **Providing information and training to program chair persons and staff members on program evaluation**
- **Reviewing and updating the program evaluation criteria**



# Recent Developments

## Current Agenda



*MDK was recognized by Council of Higher Education (YÖK) and Interuniversity Board (ÜAK). MDK initiative has been given as a good example in Strategic Plan of YÖK for other disciplines*

*Establishment of National Engineering Qualifications Framework for three cycles (BSc, MSc, PhD)*

# MDK view on IFEES



**IFEES is a pro-active initiative for promoting engineering education globally and IFEES will be soon a good example for other disciplines.**