

World Federation of Engineering Organizations (WFEO)
Executive Council and General Assembly meetings
Costa Rica - March 2022



**OET - Order of Technical Engineers
Presentation**





OET History

The ***Order of Technical Engineers*** is in accordance with its statutes according Law 47/2011 of 27 June) "*the holders of an academic degree course in higher education in Engineering 1st cycle*" to whom confers the professional title Technical Engineer and regulate the entirety professional activity that these technicians can perform.

- 1852 - The Industrial Institute of Lisbon and the Industrial School of Porto was created**
- 1924 - Through the Law No. 1638, of July 23, was defined the designation of "auxiliary engineers"**
- 1971 - "1st Socio economic Enquiry on the Engineering graduates situation "**
- 1972 - Technical Engineers**
- 1999 - ANET-National Association of Technical Engineers**
- 2011 - Order of Technical Engineers**



OET representation

Technical Engineers are qualified professionals with an academic degree resulting from higher education course, the 1st cycle 3 years, 2nd cycle 5 years and 3rd cycle – Phd - in Engineering who exercise the profession of Technical Engineer.

Those academic degrees, obtained in an higher education institution should enable the graduate with a solid background in mathematics, physics, basic sciences and an ability to apply engineering sciences, as well as the knowledge to perform the engineering acts, in accordance with FEANI rules.



Who are Technical Engineers?

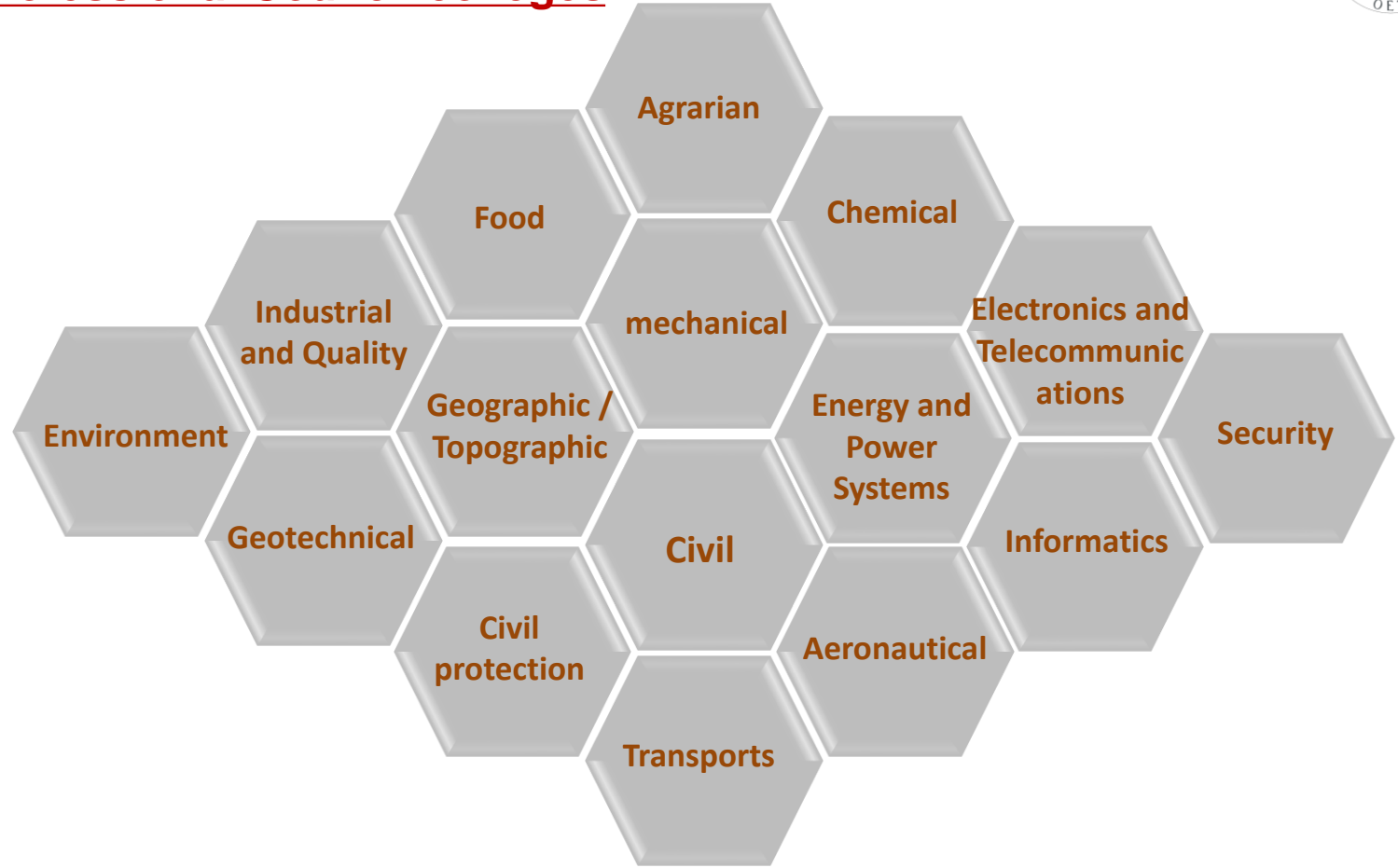
The condition of Technical Engineer is reached:

- ✓ *After obtaining a engineering higher education course registered in the OET;*
- ✓ *performing of professional traineeship if they come from a nonregistered FEANI course;*
- ✓ *frequency of a training module on "Professional Ethics and Deontology";*





OET - Professional Council colleges





OET – engineering acts

Engineering Acts are based in the capabilities for:

- *designing solutions;*
- *manage, plan, implement and supervise;*
- *establishment of interface with other specialties and professionals;*
- *coordination and preparation of projects*



OET – Professional degrees

OET assigns several degrees to their members :

- *Trainee Technical Engineer*
- *Technical Engineer*
- *Senior Technical Engineer*
- *Expert Technical Engineer*



OET - Regulation of the Practice of the Engineering Acts

Certification of qualification for the practice of Engineering acts

The certification to the practice of each Engineering act is certified by the Order through a nominal declaration, validated with a vignette.

Register

The emission of the documents mentioned in paragraph 1 of the preceding is subject to a specific record, organized by each member of the Order.



SEDAP - Declarations Emission System for Professional Acts

Objectives

- *Allow members to issue their own declarations, provided they have numbered vignettes*
- *Allow the unification of the processes of issuing declarations either by the Regional Sections as by Members*
- *Enable online validation mechanisms on part of the declarations receiving entities*



SEDAP - Declarations Emission System for Professional Acts

The reasons for the availability of this system:

- ***Issue of declarations Policy for each engineering act of each member practice.***
- ***distinguish which engineering acts that each member can practice.***
- ***each Technical Engineer can only perform the engineering acts for which has proven to be apt.***
- ***became to an online system available to issue declarations of its members.***



SEDAP - Declarations Emission System for Professional Acts

The reasons for the availability of this system:

- ***Provides to the Technical Engineers greater speed and mobility in the process of issuing declarations and reduce costs for them.***
- ***Implements processes of validate declarations in order to reduce the possibilities of their illegal use.***
- ***Entities have the possibility to verify their authenticity.***
- ***This online system is integrated with the National Register, only provides each member the opportunity to issue the corresponding declarations to their skills certified registered in the information system of the OET.***





Thank you for your attention.

Available for questions ...



OET – Ordem dos Engenheiros Técnicos