



ORDEM
DOS
ENGENHEIROS

1869 – 2024 | 155 YEARS OF HISTORY, PUBLIC TRUST AND PRESTIGE



Portugal



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Portugal





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2024

**IGUALDADE
DE GÉNERO
NA ENGENHARIA**

Origin and Focus

Main Mission

Organization

*Professional
Qualification*

Provided Services

*International
Connections*

Ordem dos Engenheiros de Portugal

Created in 1936 (celebrates 88 years in 2024), the Ordem dos Engenheiros of Portugal / Portuguese Engineers Association (OEP) has as its main objectives:

- Access control to the professional engineers' activity and practice in Portugal;
- Assure the quality, promotion and progress of engineering;
- Encourage efforts of its members in scientific, professional and social skills;
- Preservation of ethics and deontological behaviour, valorisation and professional qualifications of engineers.

Ordem dos Engenheiros
headquarters building





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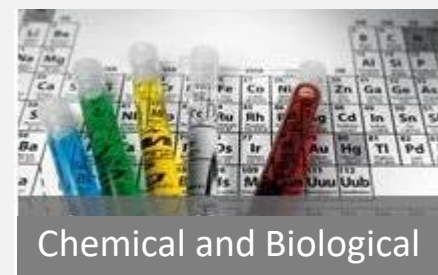
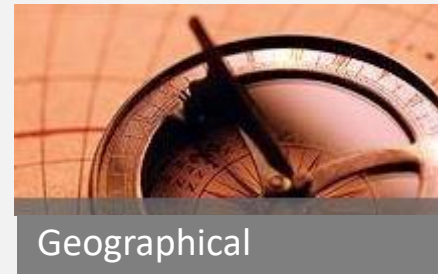
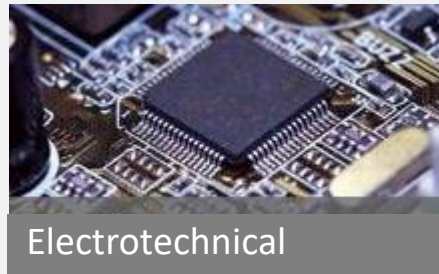
Organization

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Engineering | 12 Colleges and Fields of Expertise





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Colleges and Fields of Expertise

Origin and Focus

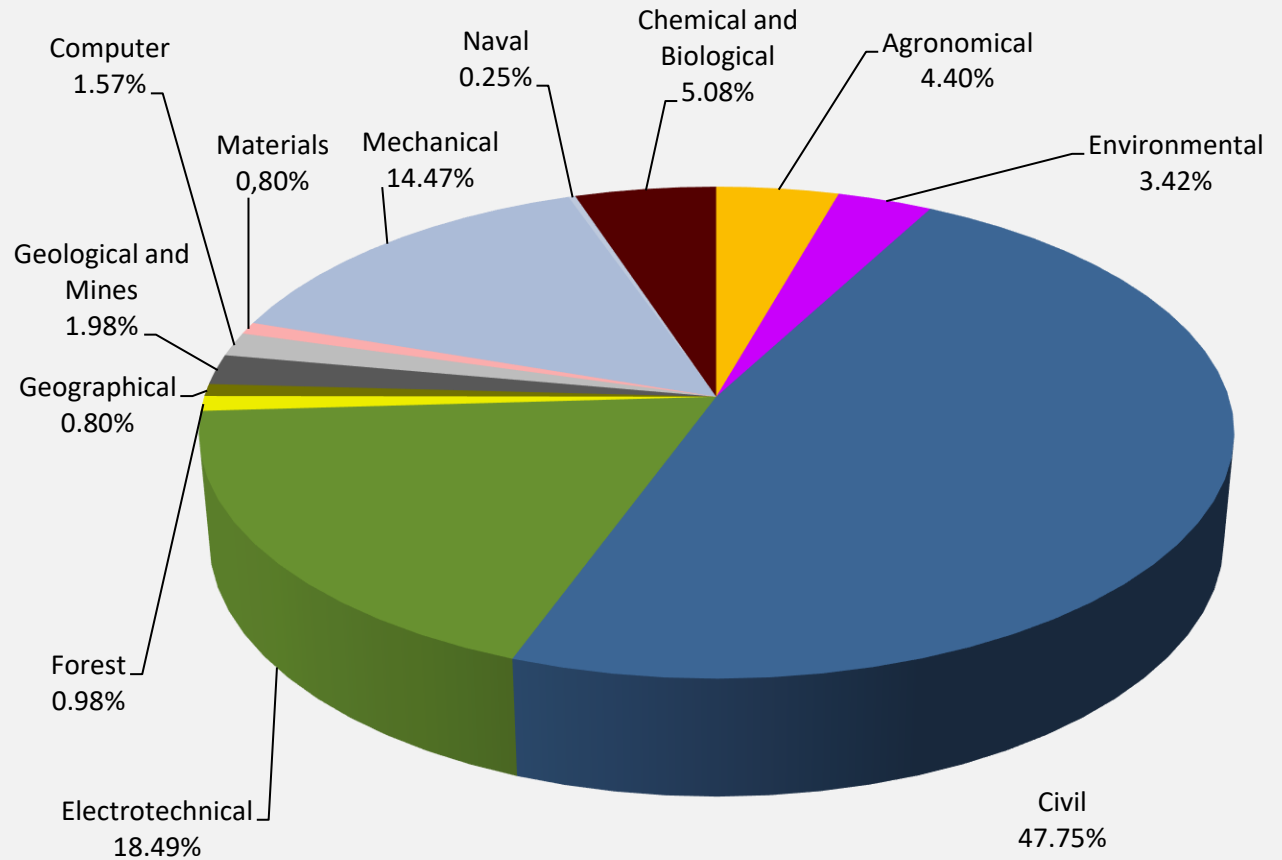
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Regions

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North Region

- District Delegation of Braga
- District Delegation of Bragança
- District Delegation of Viana do Castelo
- District Delegation of Vila Real

Central Region

- District Delegation of Aveiro
- District Delegation of Castelo Branco
- District Delegation of Guarda
- District Delegation of Leiria
- District Delegation of Viseu

South Region

- District Delegation of Faro
- District Delegation of Évora
- District Delegation of Santarém
- District Delegation of Portalegre

Azores Region

Madeira Region



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Specializations

Vertical	Administration and Management of Construction	Civil Engineering
	Structures	
	Hydraulics and Water Resources	
	Planning and Land Management	
	Construction Safety	
	Iluminotecnics	Electrotechnical Engineering
	Telecommunications	
Horizontal	Engineering Assessments	
	Energy	
	Acoustic Engineering	
	Aeronautic Engineering	
	Food Engineering	
	Air-Conditioning	
	Refrigeration	
	Safety Engineering	
	Engineering and Industrial Management	
	Sanitary Engineering	
	Textile Engineering	
	Geotechnics	
	Industrial Maintenance	
	Metrology	
	Geographical Information Systems	
Transport and Communications Infrastructure		



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Effective Members

2023 | OEP members increased 2,5% in 2023
Total Members (31/12/2023) = 61.610

65,000

60,000

55,000

50,000

45,000

40,000

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
— Membros	45,906	45,859	46,907	47,233	46,458	48,460	48,941	51,827	54,246	56,138	57,553	59,335	60,119



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Degrees and Qualification Levels

Acting on behalf of the State of Portugal, the OEP is the legal Portuguese Institution that exclusively assigns the professional title of “Engineer” and regulates the exercise of the Profession in Portugal.

Members can be admitted into the OEP:

- Academic bachelor degree (3 years/Level 1), or master (5 years/Level 2) in engineering, according to the Bologna process;
- Academic degree in engineering, or legal equivalent in a cycle (5 or 6 years/Level 2) before the Bologna process.
- In international agreements only Level 2 members are allowed;

Qualification levels: Effective, Senior and Advisor Member.

OEP supports the professional qualification of engineers through the granting of Qualification Levels and Specialist titles.



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Professional Qualification

The Professional Qualification System, since 1994: A "seal of quality" to strengthen skills of professional practice.

Today the Professional Qualification System covers the following:

- Professional Traineeship;
- Promote the qualification of engineers, by awarding Professional Qualification Titles of Member Senior (Chartered) and Advisor Member;
- Expert Specialist Engineer titles;
- Accreditation of Continuing Education for Engineers.





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Professional Qualification

The OEP recognizes and evaluates engineering education in Portugal, participating in the EUR-ACE® system.



The EUR-ACE takes into account the perspectives and needs of the main stakeholders (students, higher education institutions, employers, professional organizations and accreditation agencies).



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Ongoing Training

Accreditation System for Ongoing Education (OE+AcCEdE)

- Accreditation System for Ongoing Training Actions, which aims to enhance and give credibility to professional training throughout life, through suitable training entities.
- Independent solution (from the Government, Universities and other institutions) that assures a public service of greater use for the professional practice of engineers.



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Provided Services

- Participation in technical-professional activities, training activities and other initiatives of the OEP with advantageous conditions;
- OEP offers free professional insurance to all members;
- OEP collaborates with public and private institutions on the defense of the public interest related with the engineering profession;
- OEP participates in several national technical committees and collaborates in the conception of laws related with the engineering profession;



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OEP Services

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- OEP has protocols with several Portuguese institutions and companies, which allow different benefits addressed to engineers;
- Information on legislation, organization and several other activities and information developed on the OEP Website;
- Selection of job opportunities;
- Support for internships in Engineering;
- Engineering technical book store;
- Free delivery of "Ingenium", the OEP Magazine, - and free access to previous editions and online versions.



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Editorial Activities

- “INGENIUM” is distributed to all OEP members and is the vehicle for the dissemination of the activities of the OEP. It is also distributed to Government Institutions, Companies, Universities, etc;
- Other technical and associative publications are also published, namely the Regional Publications (Bulletins, Magazines and Digital Publications);
- Periodical publication of engineering books.





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International Area - Affiliations

EUROPE

FEANI - Fédération Européenne des Associations Nationales d'Ingénieurs

ENAAE - European Network for Accreditation of Engineering Education

ECEC - European Council of Engineers' Chambers

ECCE - European Council of Civil Engineers

EUREL - Convention of National Societies of Electrical Engineers of Europe

EFCE - European Federation of Chemical Engineers

CEMT - Confederation of European Maritime Technology

REHVA - Federation of European Heating, Ventilation and Air
Conditioning Associations



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International Area - Affiliations

AMERICA

ASCE - American Society of Civil Engineers

ASHRAE - American Societies of Heating, Refrigerating and Air Conditioning Engineers

IEEE - Institute of Electrical and Electronics Engineers

UPADI - Unión Panamericana de Asociaciones de Ingenieros



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International Area - Affiliations

WORLDWIDE

FMOI - World Federation of Engineering Organizations

FAELP - Federação de Associações de Engenheiros de Língua Portuguesa

EAMC - Engineering Association of Mediterranean Countries

WCCE - World Council of Civil Engineers

CECPC - Conselho de Engenharia Civil dos Países de Língua Portuguesa e Castelhana

IFIP - International Federation for Information Processing

FIG - Fédération Internationale des Géomètres

IAEF - International Association of Engineering and Food

FSC - Forest Stewardship Council

ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineer

IEEE - Institute of Electrical and Electronics Engineers



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International Area - Cooperation Agreements

OEP has cooperation agreements with **similar professional associations for the recognition of professional qualifications and the exercise of professional activity**, based on reciprocity principles:

TEO – Tunisian Engineers Order (Tunisia)

CICCP - Colegio de Caminos Canales y Puertos (Spain)

CGCOII - Colegios Oficiales de Ingenieros Industriales(Spain)

CGOIA - Consejo General de los Colegios Oficiales de Ingenieros Agrónomos (Spain)

CNI - Consiglio Nazionale Ingegneri (Italy)

CONFEA – Conselho Federal de Engenharia e Agronomia (Brasil)

OEA - Ordem dos Engenheiros de Angola

OECV - Ordem dos Engenheiros de Cabo Verde

OEM - Ordem dos Engenheiros de Moçambique

AEM - Associação de Engenheiros de Macau

SCI - Sociedad Colombiana de Ingenieros

CIP - Colegio de Ingenieros del Peru

FEMCIC - Federación Mexicana de Colegios de Ingenieros Civiles A.C.

UNAICC - Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba

CFIA - Colégio Federado de Ingenieros y de Arquitectos de Costa

CICH - Colégio de Ingenieros Civiles de Honduras



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Portuguese Engineering around the World

Portuguese Engineering has visibility and experience all over the world (highways, bridges and viaducts, tunnels, metro and railways, anti-seismic building, maritime works and ports, hydroelectric dams, agricultural irrigation, water supply and sanitation, landfills, etc.), including provision of study services, projects, planning, management, inspection, security, among others:

- Angola
- Belgium
- Bahrain
- Brazil
- China
- Costa Rica
- Czech Republic
- Cabo Verde
- Germany
- Algeria
- Spain
- United States of America
- France
- United Kingdom
- Guinea Bissau
- India
- Italy
- Marroco
- Mozambique
- Norway
- Poland
- Saudi Arabia
- Sweden
- S. Tomé e Príncipe
- East Timor
- Venezuela



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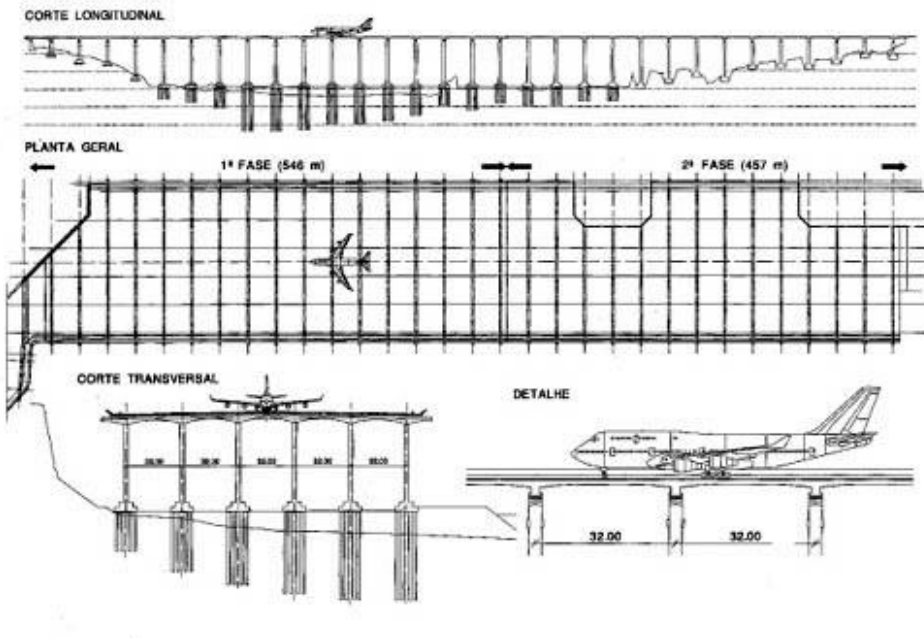
Provided Services

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Portuguese Engineering around the World

Portuguese Engineering was awarded with two
“**Outstanding Structure Award**”.

- **Award IABSE 2004**
Expansion of Funchal Airport
- **Award IABSE 2009**
Church of the Holy Trinity (Santuário de Fátima)



Award "Outstanding Structure"
IABSE 2004
 Eng. António Segadães Tavares



**Award “Outstanding Structure” -
IABSE 2004**

Church of the Holy Trinity – Santuário de Fátima
Eng. José Mota Freitas
Eng. Eugénio Maia
Eng. Miguel Guimarães



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www.ordemengenheiros.pt

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