

AN INTRODUCTION TO “THE CIVIL ENGINEERING PROFESSION IN EUROPE”

OUR MEMBER ORGANISATIONS, IN THEIR OWN WORDS...

CROATIA

An Introduction to the Croatian Association of Civil Engineers (HSGI)

The Croatian Association of Civil Engineers (HSGI) is the association of Civil Engineering Societies operating in the larger towns in Croatia. Its members are civil engineers, regardless of their professional affiliation. Students of civil engineering and retired engineers may also be its members. The members are organized in 30 societies located in major towns and counties of the Republic of Croatia and in the following specialized societies which are members of the HSGI: Society of Structural Engineers, Society of Geotechnical Engineers, Society for High Dams, Project Management Society, Construction Management Society, Society for Hydrotechnical Works, Highway Engineering Society, etc.

HSGI membership is not mandatory. Every member regularly receives the monthly journal *Građevinar* (Civil Engineer), which is a renowned scientific-professional journal with a monthly circulation of 4,000 copies.

In the scope of its annual programme, HSGI organises various training sessions, courses and seminars, and other significant events for the further education of its members. Thus as many as 600 persons complete various courses organized by HSGI each year. At the main four-year event, "Congress of Croatian Builders", the members discuss relevant topics of interest to their profession. HSGI also has a long standing tradition in publishing. Every year it publishes 4-5 professional titles, of which at least 2-3 have the status of university level textbooks.

In Croatia, there are currently some 6,000 graduate civil engineers (with university diploma) and 4,200 civil engineers (with high school diploma), although it should be noted that no official statistics are available in this respect.

Licensed engineers and architects involved in the design, supervision of construction works, and project inspection/monitoring activities, are grouped together in the Croatian Chamber of Architects and Engineers in Construction Industry. The Chamber has five Chapters (Architects, Civil Engineers, Survey Engineers, Electrical Engineers, and Mechanical Engineers). Each Chapter performs its activities quite independently from the umbrella organization. Thus the Chapter of Licensed Civil Engineers, with as many as 3,100 active members, is the formal member representing Croatia in the ECEE.

The Chapter of Licensed Civil Engineers and the Croatian Association of Civil Engineers cooperate quite closely with one another and even have a joint Board for International Cooperation. The information about international activities is regularly distributed to all members.

Number of active members in the organization (in its five Chapters)

2,600 architects	3,100 civil engineers	125 mechanical engineers
1,700 electrical engineers		600 geodetic engineers

Form of legal establishment: Established in accordance with legal requirements.

Associated societies: Croatian Engineering Association (HIS) (see below)

Croatian Association of Civil Engineers (HSGI)

Joint activities based on mid-term and short-term (annual) planning

The Croatian Engineering Association is the umbrella association for all engineering societies in Croatia. Its members are:

- Hrvatsko agronomsko društvo (Croatian Agricultural Society),
- Udruženje hrvatskih arhitekata (Association of Croatian Architects),
- HO CIGRE (Croatian National Committee of the International Council on Large Electric Systems),
- Hrvatski elektroinženjerski savez (Croatian Electrical Engineering Association),
- Hrvatski savez građevinskih inženjera (Croatian Association of Civil Engineers),
- Hrvatsko društvo građevinskih konstruktora (Croatian Society of Structural Engineers),
- Hrvatsko geodetsko društvo (Croatian Geodetic Society),
- Hrvatsko društvo za goriva i maziva (Croatian Society for Fuels and Lubricants),
- Hrvatsko društvo kemijskih inženjera i tehnologa (Croatian Society of Chemical Engineers and Technologists),
- Hrvatsko društvo za kvalitetu (Croatian Society for Quality),
- Hrvatsko društvo za mehaniku (Croatian Society for Mechanics),
- Hrvatska udruga za mehaniku stijena (Croatian Society for Rock Mechanics),
- Hrvatska udruga za mehaniku tla i geotehničko inženjerstvo (Croatian Society for Soil Mechanics and Geotechnical Engineering),
- Hrvatsko mjeriteljsko društvo (Croatian Metrology Society),
- Hrvatsko metalurško društvo (Croatian Metallurgical Society),
- Hrvatska udruga naftnih inženjera i geologa (Croatian Society of Oil Engineers and Geologists),
- Hrvatsko društvo održavatelja (Croatian Maintenance Society),
- Društvo za kulturu pejzaža (Landscape Preservation Society),
- Društvo za plastiku i gumu (Society for Plastics and Rubber),
- Udruga za promicanje zaštite ljudi u radnoj i životnoj okolini (Society for the Protection of People in their Working and Living Environment),
- Udruga hrvatskih rudarskih inženjera (Society of Croatian Mining Engineers),
- Hrvatski strojarski i brodograđevni inženjerski savez (Croatian Mechanical Engineering and Shipbuilding Association),
- Hrvatsko šumarsko društvo (Croatian Forestry Society),
- Hrvatski inženjerski savez tekstilaca (Croatian Textile Engineering Association),
- Hrvatsko vakuumsko društvo (Croatian Vacuum Society),
- Hrvatsko društvo za zaštitu materijala (Croatian Society for Materials Protection),
- Hrvatska udruga inženjera i tehničara za osiguravanje plovidbe zrakoplova (Croatian Society of Air Traffic Control Engineers and Technicians),
- Hrvatski laboratoriji - CROLAB (Croatian Laboratories - CROLAB).

The Government body certifying eligibility to represent civil engineers:

Ministry of Environmental Protection, Space Planning and Construction of the Republic of Croatia, Republike Austrije 20, 10000 Zagreb, Croatia

e-mail: mzopu@htnet.hr

Address and contact details for the Croatian Chamber of Architects and Engineers in Construction Industry

(Chapter of Licensed Civil Engineers)

Address: Trg bana J. Jelačića 4, 10000 Zagreb, Croatia

Phone (+385 1) 4854 411 Fax (+385 1) 4855 668 e-mail: hkaig@zg.htnet.hr

Internet: www.hkaig.hr

CYPRUS

An introduction to the Cyprus Council of Civil Engineers

The Cyprus Council of Civil Engineers (CyCCE) was established by the two Civil Engineers Associations of Cyprus in 1995. The main purpose of CyCCE is to facilitate a common representation of Cypriot Civil Engineers in European and International Societies and Institutions. Any Civil Engineers Association formed in Cyprus according to the Cyprus law, can apply to become a member of the CyCCE.

The two Associations forming the CyCCE are at present:

- (a) The Cyprus Civil Engineers and Architects Association (CCEAA) and
- (b) The Cyprus Association of Civil Engineers (CACE)

The CCEAA was established in 1956 and has 1,340 members, 965 of whom are civil engineers and 345 architects. The CACE was established in 1992 and has 765 members all of whom are qualified civil engineers. Each Association has district branches each having its district council.

The aim of the Associations is to promote the scientific and professional knowledge of their members, support their professional image in society, support their rights and economic interests and ensure that civil engineers perform their duties in a professional and ethical manner for the benefit of the society.

Altogether the Cyprus Council of Civil Engineers has 1,600 members.

Form of Legal establishment: The Associations forming the Cyprus Council of Civil Engineers are legally registered Associations in accordance with Cyprus legislation Two "societies" (Associations) are part of our organization

- (a) Cyprus Association of Civil Engineers and
- (b) Civil Engineers and Architects Association

The Official organisation certifying eligibility as the body to represent civil engineers is the:

Cyprus Technical Chamber
P.O. Box 21826, 1513 Nicosia, Cyprus
Fax No.+ 357 22 730373, e-mail Cyprus@etek.org.cy

Address and contact details for the Cyprus Council of Civil Engineers

Address: Bridge House Block A, P.O. Box 23334, 1681 NICOSIA, Cyprus

Phone: (+ 357) 22 672866 Fax: (+ 357) 22 674650

e-mail: cyace@cytanet.com.cy

Internet: www.cyace.org.cy and www.cceaa.org.cy

CZECH REPUBLIC

A Brief Description of the CSSI and CKAIT

The Czech Institution of Structural and Civil Engineers (CSSI) is an organisation with a very long tradition. It was established more than 100 years ago in 1865.

The Head office of the Institution is in Prague. There is a network of 12 regional branches within the Czech Republic. Some technical and professional associations (for example: Concrete Association, Geotechnical Association) are members of the CSSI.

The number of individual members of CSSI is about 2,200 engineers. Membership is on a voluntary basis.

CSSI was first invited as an observer to ECCE in 1990 and attained full ECCE membership in Paris in 1997.

The Institution is also represented in ECCE (on the base of bilateral agreement) by the Czech Chamber of Certified Engineers and Technicians (CKAIT). The Chamber, being a self-governing organisation, was established by the Act of the Czech National Council No. 360/92 Coll. regarding Certified (Chartered) Architects and Certified (Chartered) Engineers and Technicians.

At present there are approximately 22,000 members of the Chamber (about 14,000 engineers and 8,000 technicians).

Both organisations co-operate at home and abroad.

Address and contact details for the CSSI and the CKAIT is the same:

Address: Sokolska Street, 120 00 PRAHA 2, Czech Republic

Phone (+420) 227 090 127 Fax: (+420) 227 090 120

e-mail: ckait@ckait.cz jplicka@ckait.cz

Internet: www.ckait.cz www.cssi-cr.cz

ESTONIA

An introduction to the Estonian Association of Civil Engineers

The Estonian Association of Civil Engineers (EEL) was founded on February, 9-th, 1991 by 124 founders.

EEL is a voluntary and non-profit association for civil engineers.

The goals of the Estonian Association of Civil Engineers are to:

- forward the development of construction;
- be a connecting link between university trained engineers active in construction;
- protect common interest of the membership;
- develop proficiency of the membership;
- take part in formation of civil policy in technics, science and education;
- advance foreign relations of the EEL and its membership.

The highest directing body of the Estonian Association of Civil Engineers is the Chamber of Representatives. All members are called to participate in the work of the Chamber of Representatives. Based on the results of the elections the Chamber of Representatives appoints the Council of the EEL for the term of three years, the chairman and two vice chairmen. The latter belongs to the Council of the EEL as the chairman and vice-chairmen.

The activities of the EEL are organized by a managing board.

The present chairman of the EEL is Holger Karema, the managing director is Mrs. Kai Kilu.

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Number of members in The Estonian Association of Civil Engineers (EEL): 350

Form of legal establishment: The Estonian Association of Civil Engineers is legally registered association in accordance with Estonian legislation.

EEL has two collective member societies:

- Estonian Geotechnical Society
- Estonian Society of Heating and Ventilation Engineers

EEL is a member of the Estonian Association of Engineers and of the European Council of Civil Engineers (ECCE)

Address and contact details for the Estonian Association of Civil Engineers

Address: Rävåla pst.8 – B211, 10143 Tallinn, Estonia

Phone /Fax: (+372) 6604524

e-mail: eehinsl@trenet.ee

Internet: www.ehitusinsener.ee

FINLAND

A Brief Description of the Finnish Association of Civil Engineers (RIL)

RIL, founded in 1934, is an organisation for Civil Engineers with Master of Science degree (or higher) and university students of civil engineering. RIL has a total of 5000 members, of which 3500 are Civil Engineers. RIL unites the highest educated professionals in civil engineering to a versatile and highly regarded network. RIL also supervises the interests of its members and promotes their welfare and professional skill. A corporate member is the Society of Heating Engineers in Finland, founded in 1959, which is an organisation for engineers M.Sc.(Tech) working in the area of heating engineering.

The professional activities covers the expertise of the members (construction, design, project managing, supervising, material technology, research & development, ICT etc) in different areas of civil engineering:

- buildings
- roads & traffic
- water & environmental engineering
- soil & ground engineering
- bridge engineering
- building material industry
- information technology
- property management

An important goal of the activities is to develop and promote the quality and safety of the built environment and the productivity of the building processes. That includes e.g. taking part in the development of Codes of practice, own publishing activities, influencing the legislation and governmental decisions and taking part in R&D-activities. Also promoting the education of civil engineers is an important issue

On a personal level RIL's aim is to raise the professional knowledge and skill of its members and other actors in civil engineering. That includes promoting life-long learning, arranging training courses of high quality, organising international conferences, arranging civil engineering competitions, awarding remarkable professional achievements and providing the member with up-to-date news from the industry. RIL is also a key member in the Organization for

Certification of Professionals in the Civil & Building Industry (FISE), which was founded in 2002. The voluntary based certification system covers a wide range of professions (design, managing, supervising, etc.) and education bases (civil and building engineers, architects and technicians).

RIL's aim is also to activate and promote a high level of international activities, on personal and organisational level. Methods are e.g. organising international conferences and symposiums and taking part in scientific and technical co-operation projects. RIL is member of several international organisations.

Form of legal establishment is a registered association (VAT responsible), but RIL has also a foundation "RIL Foundation" which is duty free.

Address and contact details for the Association of Finnish Civil Engineers RIL

Address: Dagmarinkatu 14, 00100 Helsinki, Finland

Phone (+358) 9 6840 780 **Fax:** (+358) 9 588 3192 **e-mail:** ril@ril.fi

Internet: www.ril.fi

FRANCE

A Brief Description of CNISF

Officially registered on 22nd December 1860, the CNISF (Conseil National des Ingénieurs et Scientifiques de France) is organised as a Federation, comprising 160 Alumni Associations of Engineers Schools, 30 Scientific, Technical and Professional Associations, a network of 24 Regional Associations, and 13 Foreign Sections. All together, CNISF comprises 160,000 members and represents about 450,000 Engineers and Scientists.

The main goals of CNISF are:

- to promote, maintain and defend moral, cultural, and economical interests of Engineers and Scientists,
- to improve the contribution of scientific and technical progresses to French economical and social Development,
- to contribute towards thoughts of Public Authorities, Firms, Institutions and High Schools on evolution of Formation and of Engineer Professions.
- to participate in the dissemination of information dealing with scientific and technical progresses.

CNISF maintains a Register of more than 500,000 Engineers, "Ingénieurs Diplômés" and Engineers who have risen from the ranks.

Main sectional activities are carried out through Committees such as:

- Energy
- Innovation
- Transport
- Environment
- Science and Society
- Formation of Engineers

- Economic Intelligence and Security
- Promotion of The Engineers Professions
- Civil Engineering, Building and Public Works (ECCE correspondent)

Other topics are worked in temporary Working Groups, such as “Engineers Ethics”, “Industrial Risks”, etc...

CNISF works with many French partners (Academy of Technologies, Commissions, Institutes, etc.) and cooperates with International Organisations (mainly in Europe, including ECCE, also in North America and in Asia).

Address and contact details for the organisation:

Conseil National des Ingénieurs et Scientifiques de France (CNISF),

Address: 7 rue Lamennais, 75008 PARIS, France

Phone : (+33) 1.44.13.66.88 **Fax :** (+33) 1.42.89.82.50

E-mail: mtperrin@cnisf.org **Internet:** www.cnisf.org

GERMANY

A Brief Description of the Deutsche Sektion des ECCE

There are around 4,000 members in the Deutsche Sektion des ECCE.

The form of legal establishment : The German Section of the European Council of Civil Engineers is legally registered by the district court Starnberg under the number 1006

The German Section of ECCE is a professional association with member associations in the field of civil engineering.

Membership of professional organisations such as the Union Beratender Ingenieure e.V.- U.B.I.-D. or Bundesingenieur- und Architektenverband e.V.- BIAV is on a voluntary basis.

The German Section of ECCE was established in 1992 and attained the full ECCE membership in 1994. It represents approximately 4,000 engineers in Germany.

The main goals of the German section of ECCE are:

- to collaborate in the committees of the European Council of Civil Engineers
- to represent the profession of the German civil engineers in Europe
- to improve and harmonize the regulations in the construction industry
- to promote the high technical standard
- to support international exchange of members and the common interests of Engineers
- to maintain the high professional standard

Address and contact details for the organisation:

Deutsche Sektion of the European Council of Civil Engineers,

Address: Edelsbergstrasse 8, 80686 MUENCHEN, Germany

Phone : (+49) 89.5700 7-0 **Fax :** (+49) 89 5700 7260

E-mail: info@ecce-germany.de **Internet:**

HUNGARY

The Hungarian Chamber of Engineers

Information required from members for introduction section:

Members should provide information on the organisation they represent

1. Name of Organisation:
2. Address of organisation, 22 Clyde Road Ballsbridge , Dublin 4. Telephone No., Fax No., E-mail, Internet (web-site address).
3. Number of members in organisation
4. Form of legal establishment
5. Does your organisation have a number of associated societies (e.g. specialist societies with which you are associated). If so what form of link or connection does your organisation have with the associated societies (e.g. it is part of your organisation or you supply services to the society).
6. Name, address and fax/e-mail of Official organisation or Government/quasi-government certifying eligibility as the body to represent civil engineers:

Address and contact details for the **xxxxx**

Address: **xxxxxx**

Phone (+) **Fax:** (+) **e-mail:**

Internet:

IRELAND

A Brief Description of IEI

The Institution of Engineers of Ireland, which was established in 1835, is the largest professional body in Ireland and currently represents over 21,000 Engineers and Technicians - over 3,500 of which are student members. The Institution of Engineers of Ireland (IEI) promotes the art & science of engineering in Ireland.

Please insert some text along the lines of e.g. Croatia or France to provide an idea of what the organisation does etc.

Address and contact details for the organisation:

The Institution of Engineers of Ireland (IEI),

Address: 22 Clyde Road Ballsbridge , DUBLIN 4, Ireland

Phone : (+xx) **XXX** **Fax :** (+xx) **XX**

E-mail: iei@iei.ie **Internet :** www.iei.ie

ITALY

The Consiglio Nazionale Degli Ingegneri (CNI) – an introduction

The Consiglio does not have individual members.. Engineers shall enroll in the Albo of the Ordine Provinciale.

There are no associated societies.

As concerns the legal establishment of the Consiglio Nazionale degli Ingegneri, please see Chapter 7 of this publication.

Address and contact details for the Consiglio Nazionale degli Ingegneri

Address: Via Quattro Novembre 114 – 00187 Rome – Italy.
Phone (+39) 06 697 6701 **Fax:** (+39) 06 697 67 050
e-mail: esteri@cni-online.it
Internet: www.tuttoingegnere.it

LITHUANIA

A Brief Description of the Lithuanian Association of Civil Engineers

Information required from members for introduction section:

Members should provide information on the organisation they represent

1. Name of Organisation:
2. Address of organisation, 22 Clyde Road Ballsbridge , Dublin 4. Telephone No., Fax No., E-mail, Internet (web-site address).
3. Number of members in organisation
4. Form of legal establishment
5. Does your organisation have a number of associated societies (e.g. specialist societies with which you are associated). If so what form of link or connection does your organisation have with the associated societies (e.g. it is part of your organisation or you supply services to the society).
6. Name, address and fax/e-mail of Official organisation or Government/quasi-government certifying eligibility as the body to represent civil engineers:

Address and contact details for the xxxxx

Address: xxxxx
Phone (+) **Fax:** (+) **e-mail:**
Internet:

POLAND

A Brief Description of PZITB, the Polish Association of Civil Engineers and Technicians

PZITB stands for 'Polski Związek Inżynierów i Techników Budownictwa', the Polish Association of Civil Engineers and Technicians. The Association was officially registered in 1934.

Representing 6 associations and 1 chamber acting in the field of civil engineering and creating the Polish Group of ECCE on the basis of an agreement of 26 January 2001 are:

- (1) Polish Association of Civil Engineers and Technicians
- (2) Polish Association of Transport Engineers and Technicians
- (3) Association of Bridge Engineers of Poland
- (4) Polish Association of Sanitary Engineers and Technicians
- (5) Polish Association of Water Engineers and Technicians
- (6) Polish Association of Electric Engineers and
- (7) Polish Chamber of Civil Engineers

There are approximately 6,000 members in the organisation PZITB; 15,000 members in all 6 associations acting in the range of civil engineering; 102,000 members in the Polish Chamber of Civil Engineers.

Its legal basis may be termed an 'Association of higher public usefulness', which could roughly be translated as an association for the public good.

At present there are no associated societies.

PZITB is the official organization certifying eligibility as the body to represent civil engineers.

Address and contact details for the organisation:

Polish Association of Civil Engineers and Technicians, 00-050 Warsaw, 14
Świętokrzyska Street, Poland

Tel : (48 22) 826-86-34 **Fax:** (48 22) 826-86-34 **E-mail:** zgpzitb@it.com.pl

Internet: <http://www.zgpzitb.org.pl>

PORTUGAL

A Brief Description of the Ordem dos Engenheiros

The Ordem dos Engenheiros (OE) is the professional association of all the Portuguese engineers with 31,700 members. It is the successor of the Association of Civil Engineers founded in 1869. Legally it is an association without profit.

The members are those that have obtained an engineering degree in a 5 years university course that has been approved by OE. The OE gives also other qualification titles (senior, specialist, etc.) to its members, according to their experience. This is performed by internal technical groups of OE

Its organization considers a national council and several regional representations including the island of Madeira and Azores.

The OE is also divided in colleges according to the engineers specialization. The Civil Engineering College represents around 40% of the total members of OE. The participation of OE in the ECCE is performed by the Civil Engineering college.

The activities of OE include the evaluation of the university courses, activity in preparation of legislation related to engineering, organization of scientific and cultural activities, consultant activities related to professional and technical problems, etc.

The OE has also a department (Caixa de Previdência) to provide social and medical help to its members.

The Civil Engineers activities in Portugal are connected with the Ministers of Public Works, Housing and Environment.

Address and contact details for the Ordem dos Engenheiros

Address: Av. Sidonio Pais 4 E . 1050 – 212 LISBOA, Portugal

Phone (+ 351) 21.313.2600

Fax: (+ 351) 21.352 4632)

e-mail: colegios@cdn.ordeng.pt

Internet: www.ordeng.pt

RUSSIA

An Introduction to the Russian Society of Civil Engineers (ROIS)

The Association of Construction Engineers of Russia (ROIS) was formed in January 1993, under the initiative of a group of leading engineers, architects, scientists, heads of organisations and enterprises. ROIS considers that its activities are based on the best traditions of the Russian Society of Civil Engineers which was formed in 1866. ROIS is an independent public association with individual membership. Membership includes well-known and respected engineers, scientists, technical officers, heads of state control bodies and large public organisations – not only in capital construction but in allied industries and associated market infrastructure. Over the period of its existence ROIS members have developed over 30 normative and legislative drafts in the sphere of investment and building. ROIS representatives are included in the expert commission of the State Duma. ROIS is also an active member of the Council of public associations and professional organisations, which have signed the contract on interaction in the investment and building spheres.

4. Form of legal establishment

5. Does your organisation have a number of associated societies (e.g. specialist societies with which you are associated). If so what form of link or connection does your organisation have with the associated societies (e.g. it is part of your organisation or you supply services to the society).

6. Name, address and fax/e-mail of Official organisation or Government/quasi-government certifying eligibility as the body to represent civil engineers:

Address and contact details for the organisation:

The Russian Society of Civil Engineers, MOSCOW, Russia

Tel :

Fax:

E-mail:

Internet:

The SLOVAK REPUBLIC

An introduction to The Slovak Chamber of Civil Engineers

The Slovak Chamber of Civil Engineers is a self-governing professional organization established by the Act of the Slovak National Council No 138/1992 Coll. relating to Authorized Architects and Authorized Civil Engineers.

In 1913, in cooperation with other organizations of the then Austrian-Hungarian Monarchy, the Chamber of Civil and Mining Engineers was established by an official Act. On 13th March 1920 following the establishment of an independent Czechoslovak Republic, the Engineering Chamber for Czechoslovakia was legally established.

In 1951 the Civil Engineering Chamber was dissolved. It was renewed 41 years later in 1992 by the above-mentioned Act (No. 138/1992).

The tasks of the Chamber are mainly:

- to participate in the protection of public interest in the sphere of building and to protect the rights of individual members
- to support international exchange of members and to contribute to the development of the building and construction industry
- to safeguard international exchange of professional knowledge with scientific institutions
- to defend and support the rights and professional interest and support the professional credit between engineers
- to ensure that engineers should perform their profession in a professional way in harmony with ethics in a manner established by national acts and directives as well as by regulations of the Chamber.

The membership basis consists of authorized engineers, voluntary members, legal persons and visiting foreign members.

In accordance with the law, the Chamber issues certificates for authorized engineers to carry out complex architectural and engineering services and connected technical advisory. These include professional activities in building construction and civil engineering. This means consultancy design, static analysis as well as technical, technological and energy-related equipping of buildings. Furthermore authorized engineers may provide technical and economic advisory services, expert opinion, professional author's supervision of building in accordance with design documentation. The certificates will be issued after passing the examination of the Board of Examiners at the Chamber. There are more than 4,200 authorized engineers in Slovakia.

The Chamber also educates building site managers and building invigilation officers. They also receive diplomas, after passing the Chamber's examination. The Chamber has issued 9,800 certificates for building site managers and 8,500 certificates for building invigilation officers in Slovakia in the last seven years.

The Chamber has the following structure:

General Assembly, Board of Members, Supervisory Board, Executive Board and President.

Other elected organs are: the Authorization commission, the Committee for European Integration, the Ethical Council and the Disciplinary Board.

The seat of the Chamber is in Bratislava. Regional offices are located throughout Slovakia in Bratislava, Trnava, Žilina, Banská Bystrica and Košice to safeguard contacts with professionals.

The Chamber cooperates with many organisations, syndicates and associations in the area of building and construction industry. Co-operation with Civil Engineering faculties of technical universities in Slovakia is based on mutual agreements. The Chamber cooperates with ministries and other state administration bodies, especially in the creation of legislation in the area of building. The Chamber organises professional events, mainly in the area of lifelong education of its members. It financially supports the publishing of professional literature: it is the publisher of the magazine of authorized engineers and the magazine "Projekt a stavba" (Design and construction).

The Chamber actively cooperates with similar foreign organizations especially chambers. It has signed co-operation agreements with the Czech, Hungarian, Bavarian, Polish and other European chambers. The Slovak Chamber is a member of the European Council of Civil Engineers (ECCE) and is a founding member of the European Council of Engineering Chambers.

In the course of 2003 the activities of the Chamber were concentrated on the accession process of Slovakia into the European Union, especially in professional recognition in accordance with the EU directives, in harmonization of Slovak standards in cooperation of further development of Eurocodes etc.

Government departments in Slovakia responsible for civil engineering matters:

- *The Ministry of Reconstruction and Regional Development of the Slovak Republic*
 - The Construction Section
 - The Apartment Policy Section
 - The Section of Territorial Planning and the Construction Code
- *The Slovak Building Supervision Office*
- *County Construction Offices (Specialized Local Authorities)*
- *The State Housing Development Fund*
- *The Ministry of Environment of the Slovak Republic*
 - The Department of the Assessment of Impacts on the Environment
 - The Waters Section
 - The Section of Nature Preservation and Landscape Conservation
 - The Section of the Protective Components of the Environment
- *The Ministry of Economy of the Slovak Republic*
 - The Production and Network Industries Section
- *The Ministry of Transport, Posts and Telecommunications of the Slovak Republic*
 - The Section of Road Transport
 - The Section of Road Infrastructure
- *The Ministry of Defence of the Slovak Republic*
 - The Section of Modernization and Infrastructure
- *The Ministry of Interior of the Slovak Republic*
 - The Department of Labour Inspection and Construction Supervision

Address and contact details for the Slovak Chamber of Civil Engineers

Address: Mýtna 29, P.O.Box 10, 810 05 Bratislava, Slovakia

Phone: ++421-2-52 495 042

Fax: ++421-2-52 444 093

E-mail: sksi@nextra.sk

Internet: www.sksi.sk

TURKEY

**An introduction to the Turkish Chamber of Civil Engineers – TCCE
(İnşaat Mühendisleri Odası - İMO)**

The Turkish Chamber of Civil Engineers (TCCE) is the widest technical organisation in Turkey, with over 60,000 members, 26 branches and 135 representation offices.

TCCE was founded by law, in 1954, under the umbrella of Union of Chamber of Turkish Engineers and Architects (UCTEA).

Since 19th December 1954, the week of foundation has traditionally accepted as National Civil Engineering Week. By investigations (surveys, etc) and activities, TCCE has sought to provide the best evaluation of national resources in the benefit of the country. It has supported and formed any necessary public arrangements in the idea of a more civilized nation; it has opposed and debated attempts that are against national will and has always fulfilled the responsibility of engineering concept in sustainability and consistency.

Every civil engineer graduated from a civil engineering department of a university in Turkey is obliged to be a member of TCCE for private sector engineering. Being a member of TCCE is discretionary for public sector engineers. Within this framework, TCCE has 60,000 members out of the current total of 75,000 Turkish civil engineers. This provides consistency in civil engineering within Turkey, and forms a strong organization of professional standards. One of the principles of TCCE is to protect and maintain the rights of colleagues in any necessary situation.

TCCE participates actively in planning and preparation of laws, legal arrangements, and rules about civil engineering; working with both public and academic areas to achieve this. It proposes upgrading the legality of applications in civil engineering taking into consideration benefits both to the public and the country. TCCE controls the validity of civil engineering projects and the application of legal treatments in order to protect labour rights and workers' health and safety regulations. The TCCE maintains production of appropriate materials in specific standards and provides the quality management of material application in Turkey; carries out studies on city planning features and problems of the country in consideration of social and economic structures of regions and improvement of structural typologies. It researches civil engineering developments and presents the professional advances to public and colleagues.

One of the main essential roles of TCCE is being an effective body for earthquake related studies, regulations and technical-academic-social aspects. TCCE participates actively in 'before and after' crisis situations, legislation studies on structural issues relating to earthquakes, relationships with governmental and non-governmental organisations. The Chamber has presented quite essential support during the aftermath of disasters, providing human, logistic and moral assistance, as well as technical and academic research specialists, mobilisation supports and official reports on earthquake observations. Earthquake engineering studies are included in the Chamber's professional development programmes and courses, covering a wide range from design to damage determination. These have contributed greatly to general earthquake studies of the country.

Through such activities and Chamber publications, TCCE has improved professional education and raised consciousness of progress across the sector. We are willing to widen this perspective to an international basis: we maintain strong relations with chambers or societies from other countries in order to provide acceleration and correlation in civil engineering media.

Within the framework of relations with other organizations, membership of TCCE in the European Council of Civil Engineers (ECCE), is an essential international relationship for the chamber. As a gathering of member organisations whose aim is to have a common perspective throughout Europe's civil engineering profession, ECCE has been influencing profession-related studies and representing a common view of civil engineers in Europe. With the initiative of advancing the built environment by protecting the best of the natural environment, TCCE expresses

interest in a wide range of areas and maintains an ongoing cooperation between involved bodies within the framework of ECCE.

Advances in issues covering environment, research and development, education and training, ethics, information technology, continuing professional development, liability and transportation, are the aims of TCCE and its fellow member organizations in ECCE. In order to achieve these goals, the Chamber organises many activities such as workshops, conferences, periodic meetings and most importantly task forces for rapid and productive progress. In parallel to these goals, member organizations and countries are informed about both national and international activities via ECCE documentation, and encouraged to keep up with the latest events and advances, as well as the recent decisions to have best possible functions.

The achievements in progress and advances resulting from common studies in ECCE, provide the best endorsement for the civil engineering profession in Europe and related countries. In particular, the relationship between ECCE and the Turkish Chamber of Civil Engineers, TCCE, has been enduring with successful accomplishments for both sides, as Turkey figures as an important region for civil engineering, and has been developing intimate relations with Europe.

Number of active members in the organization

61,626 members were registered with TCCE at 7th July, 2004.

Form of legal establishment: Established in accordance with legal requirements. TCCE was founded by-law, in 1954, under the umbrella of the Union of Chamber of Turkish Engineers and Architects (UCTEA) by law no. 6235-7303. Legislation can be reached via Ministry of Justice web site (www.adalet.gov.tr).

Associated societies: There are no associate societies: TCCE is one of the engineer and architect organizations under UCTEA. Therefore, TCCE is related to the other 22 chambers of engineering disciplines and architects, based on a common law definition.

The Government body certifying eligibility to represent civil engineers: The Ministry of Justice whose address is: Adalet Bakanligi 06659 Kizilay Ankara. Internet: www.adalet.gov.tr Email: info@adalet.gov.tr
As mentioned above, the Regulation for UCTEA and chamber formations was accepted and legalized by the Turkish government in 1954.

Address and contact details for the Turkish Chamber of Civil Engineers (TCCE) - (İnşaat Mühendisleri Odası - İMO)

Address: Selanik Cad. 19/1 Kizilay, ANKARA, Turkey
Telephone: (+90) 312 4193882 **Fax:** (+90) 312 4170632
E-mail: imo@imo.org.tr **Internet:** www.imo.org.tr

UNITED KINGDOM

An introduction to the Institution of Civil Engineers

The Institution of Civil Engineers (ICE) is the world's oldest engineering institution. It was established in 1818 and granted a Royal Charter in 1828. Its first President was Thomas Telford. Today ICE represents over 70,000 professionally qualified engineers worldwide.

ICE is an independent, non-political organisation registered as a charity in the United Kingdom. By the Royal Charter, ICE is granted the right to award the title "Member of the Institution of Civil Engineers". Furthermore, as one of the member organisations

of the Engineering Council (UK), ICE is licensed to award the protected titles Chartered Engineer, Incorporated Engineer and Engineering Technician.

While the majority of members live in the United Kingdom, ICE has an expanding international membership – about one fifth of the members live outside the UK. There are ICE members in 145 countries around the world.

ICE's strategy is to be a leader in shaping the engineering profession. It aims to do this by:

- delivering products & services that are attractive, relevant & valued by members and employers globally,
- raising the profile of civil engineers,
- maintaining high professional standards,
- providing an international source of skills & knowledge for tomorrow's engineering,
- being broad & inclusive of all those engaged in civil engineering,
- influencing governments, industry & public debate,
- partnering with relevant bodies.

Membership

ICE offers different grades of membership:

- Student - Graduate - Technician
 - Member - Fellow

Membership at each level is granted to those who fulfil the established criteria for each category. Full membership, which gives the right to use the designatory letters "CEng MICE", requires the following:

- The achievement of the required educational base. This will normally be either:
 - an undergraduate MEng programme accredited for CEng or
 - an undergraduate BEng(Hons) programme accredited for CEng plus either an appropriate Masters degree accredited or approved, or appropriate Further Learning to Masters Level.
- A period of responsible work experience under early guidance and decreasing supervision, known as Initial Professional Development. The period considered adequate in order to obtain the range of structured training and depth of responsible experience necessary for a Professional Review is usually deemed to be at least four years.
- Success at the Chartered Professional Review (CPR). The CPR consists of the submission of an application for membership including the following documents: completed questionnaires from four sponsors who are members of ICE, an experience report, a project report, a record of achievement of core and specific objectives, a development action plan and personal development record. Then follows a presentation and an interview with two Reviewers and a written assignment under examination conditions.

Organisation

The Council is the governing body of the Institution. It is led by the President, and comprises members of all classes who represent the membership both within the UK and worldwide. Members of the Council are elected by the membership each year, and normally serve for a period of three years.

The President, is elected annually by the Council, and is a leading Civil Engineer in the consulting, contracting or academic field. The President is the 'public face' of the profession, and champions the interests of civil engineers, in particular in dealings with Parliament, Government, and the media.

The Director General is responsible for the day-to-day operation of the Institution. Directors are responsible for areas covering Engineering Knowledge, Membership, Communications, Commercial Services and Finance and Resources. The Secretariat is located in Westminster, London, but ICE also has regional offices throughout the UK.

International

More than a fifth of the membership of ICE is living and working outside the UK. ICE has offices in Hong Kong, China and Russia. Ninety-five Country Representatives, who are Members of ICE, represent the Institution worldwide on a voluntary basis.

ICE is also a member of several international bodies, such as the European Council of Civil Engineers (ECCE), the World Federation of Engineering Organisations (WFEO), the Commonwealth Engineers' Council (CEC) and the European Society for Engineering Education (SEFI). Through the Engineering Council (UK), ICE is party to the Washington Accord (which provides a mechanism for mutual recognition of accredited education at Chartered Engineer level), the Sidney Accord (which provides joint recognition of academic programmes accredited at Incorporated Engineer level), and the Dublin Accord (which underpin the granting of Engineering Technician titles). The Engineering Council (UK) also represents all British engineering institutions in the European Federation of National Engineering Institutions (FEANI) and the Engineers' Mobility Forum (EMF).

ICE has established co-operation agreements with engineering institutions of various other countries around the world, and has entered Mutual Exemption Agreements with some of them to facilitate reciprocal membership.

ICE plays an active role internationally with regard to sustainable development and poverty alleviation, and also engages closely with the European Union.

Associated societies:

ICE's Associated Societies are crucial to the Institution's "learned society" function, contributing to the knowledge base across a wide range of specialist areas within the diverse arena of the built and natural environment. ICE has the following Associated Societies:

The British Dam Society (BDS)
The British Geotechnical Association (BGA)
The British Hydrological Society (BHS)
The British Nuclear Energy Society (BNES)
The British Tunnelling Society (BTS)
Central Dredging Association (CEDA)
International Association of Hydraulic Engineering and Research (IAHR)
The International Commission on Irrigation and Drainage (ICID)
The Offshore Engineering Society (OES)
International Navigation Association (PIANC)
The Railway Civil Engineers' Association (RCEA)
The Society for Earthquake and Civil Engineering Dynamics (SECED)
Transport Planning Society (TPS)
The United Kingdom Society for Trenchless Technology (UKSTT)
Wind Engineering Society (WES)

Government departments in the UK responsible for civil engineering and construction matters:

Several Government departments and Ministries are involved to some extent in civil engineering and construction matters. The main government partner for the construction industry is **the Department for Trade and Industry (DTI)**, which has a Construction Sector Unit. A Parliamentary Under-Secretary of State, Nigel Griffith MP is Minister for Construction, Small Business and Enterprise.

DTI is also the government department responsible for energy.

The **Office of the Deputy Prime Minister (ODPM)** is responsible for Building Regulations, housing policy, land planning and urban policy.

The Department for Environment, Food and Rural Affairs (Defra) engages with civil engineering related to the environment and rural affairs and the pursuit of sustainable development.

Civil engineering is also an important aspect of the work of **the Department for Transport (DfT)**, which is responsible for all aspects of transport policy.

The Department for Education and Skills (DfES), being responsible for higher education, is relevant for issues concerning the education of engineers.

Address and contact details for the Institution of Civil Engineers

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