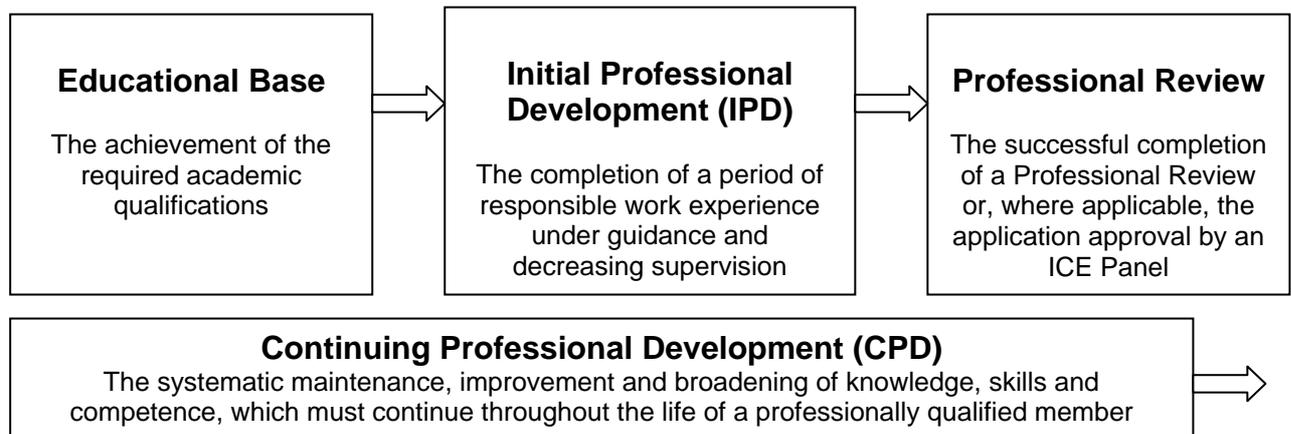


Three Stages to Membership of the Institution of Civil Engineers (ICE)

Anyone who wants to become a professionally qualified member of ICE must satisfy the requirements of the three stages to membership:



1. EDUCATIONAL BASE

- 1) An academic qualification is recognised as eligible for ICE membership:
 - I. If it is listed in the FEANI index (www.feani.org). FEANI is the European Federation of National Engineering Associations, which aims to facilitate the mutual recognition of engineering qualifications in Europe and attributes the Eur Ing title to professional engineers.
 - II. If it is listed under the Washington Accord for Chartered Engineer (CEng) or the Sydney Accord for Incorporated Engineer (IEng). These are agreements between the bodies responsible for accrediting professional engineering degree programmes in each of the signatory countries.
 - III. If it has been accredited by the Joint Board of Moderators (formed by four UK professional engineering bodies) or EURACE (a framework for the accreditation of European Engineering programmes).
- 2) The majority of Polish universities and qualifications are listed in the FEANI index so will be eligible for ICE membership. The length of the course will affect the grade of membership that can be applied for:
 - I. 5 year degrees meet the educational base for Chartered Engineer (CEng) - ie a five year Magister taken before 2003 or a Bachelor plus Master taken after 2003.
 - II. 3 year degrees (Bachelor) taken after 2003 meet the educational base for Incorporated Engineer (IEng).
- 3) Where a qualification is not recognised as eligible for ICE membership in one of the ways outlined in point 1), it will be individually assessed by ICE's Academic Qualifications Panel.

2. INITIAL PROFESSIONAL DEVELOPMENT (IPD)

- 1) All ICE applicants must undertake a period of training or work experience in order to be able to demonstrate the attributes required for ICE membership (please refer to Appendix A).
- 2) Where an applicant is qualified for the same profession in a country where the profession is regulated, evidence of professional qualification must be provided from the competent body. Therefore all Polish Civil Engineers wishing to become members of ICE via the European Diplomat route must be registered with PIIB (Polska Izba Inzynierow Budownictwa, the Polish Chamber of Engineers).

3. PROFESSIONAL REVIEW

- 1) Most ICE applicants are required to demonstrate that they possess the required attributes by sitting a Professional Review, which consists of an interview, presentation and written reports.
- 2) Those applying via the European Diplomat route are required to demonstrate that they possess the required attributes by submitting evidence of this with their application. This is assessed by an ICE Panel.

Applying to the Institution of Civil Engineers (ICE) under the European Directive on the recognition of professional qualifications

A. Principles of the Directive

- 1) The right to live and work in another EU Member State is a fundamental right for every citizen of the European Union. In order to facilitate the mobility of professionals, the EU has established legislation to ensure that professional qualifications are recognised on a mutual basis between all Member States, because certain professions or titles are protected in some EU countries. This is covered by Directive 2005/36/EC, which includes the previous Directive 89/48/EEC.
- 2) The basic principle of mutual recognition is that, if you are entitled to practise a regulated profession in your own country, you should be able to practise the same profession in any other EU country and use the appropriate title. Even if your profession is not regulated in your home country, you should still be able to practise in a Member State where it is regulated, as long as you can provide proof of satisfactory education and professional experience.

B. Comparison between UK and Poland

- 1) The profession of civil engineering is regulated in Poland and all those wishing to work as a civil engineer must be registered with Polska Izba Inzynierow Budownictwa (PIIB – the Polish Chamber of Engineers).
- 2) The profession of civil engineering is unregulated in the UK, therefore registration with ICE is not obligatory and civil engineers from any country can work in the UK without being an ICE member.
- 3) Some employers may, however, require that its employees are Chartered members of ICE, as this proves they have reached a high standard of education and experience. For this reason, Polish civil engineers working in the UK may find it desirable or necessary to become an ICE member.
- 4) ICE membership also enables the member to use the post nominal letters of CEng or IEng (Chartered Engineer and Incorporated Engineer), which are awarded by the Engineering Council UK. These titles are deemed to be protected titles for the purposes of the EU legislation, and therefore ICE has a separate route to membership for civil engineers who are professionally qualified within the EU, which is called the European Diplomat route.
- 5) The European Diplomat route is the appropriate route to ICE membership for applications from Polish Civil Engineers registered with PIIB.

C. Application process via the European Diplomat Route

- 1) Applications via the European Diplomat route are considered on a case by case basis.
- 2) ICE membership is not automatic. The profession is not regulated in the UK and anyone can work as a civil engineer without membership of ICE. ICE is therefore entitled to assess the applicant's academic qualifications and professional experience against its own standards and criteria.
- 3) European Diplomat applicants are required to have the level of English necessary for practising the profession of civil engineer in the UK.

- 4) All European Diplomat applications are assessed by ICE's Exemption and Recognition Panel, which meets four times a year. Closing dates for the submission of applications and the Panel meetings are available on ICE's website: www.ice.org.uk/joining/joining_keydates.asp
- 5) Applicants are required to submit the following to ICE for assessment:
 - I. A completed application form [ICE 3136](http://www.ice.org.uk/joining/joining_european.asp) (from www.ice.org.uk/joining/joining_european.asp)
 - II. A detailed CV
 - III. Evidence that they meet the ICE member attributes
 - IV. Evidence of their academic qualifications
 - V. Membership certificate of their national competent body (ie PIIB)
 - VI. The application fee. In 2007 the fee is £200. All current fees are listed on: www.ice.org.uk/joining/joining_fees.asp
- 6) Applicants will also be asked for a voluntary Development Action Plan and a statement in support of the applicant from a Professional Engineer with knowledge of the applicant's work. These are to help the Panel in the assessment of the application, but the applicant can choose whether or not to submit these with their application.
- 7) The outcome of the assessment will be notified by letter normally within two weeks of the relevant Panel meeting.
- 8) In certain circumstances, the Panel may need to request further information from an applicant if the evidence provided is not sufficient for them to assess whether the applicant meets ICE's attributes. In these cases the applicant will be informed of any significant differences and what further evidence they need to supply. The applicant will need to resubmit their application which will be assessed at the next available Panel meeting.
- 9) If the Panel assesses that there is still a substantial difference in the applicant's knowledge and expertise compared with ICE attributes after the resubmission, they will ask the applicant to take either an aptitude test or a period of adaptation in order to address the substantial difference in knowledge and expertise. The period of adaptation should allow the applicant to acquire the knowledge and skills required under the guidance of a qualified member. It is the applicant's choice whether to take the aptitude test or the period of adaptation.

D. Forms and further information

- 1) Application forms and guidance on applying through the European Diplomat route are downloadable from ICE's website: www.ice.org.uk/joining/joining_european.asp
- 2) Any general enquiries on the European Diplomat route can be sent to Rebecca Webster, International Membership Senior Executive, email rebecca.webster@ice.org.uk

APPENDIX A INSTITUTION OF CIVIL ENGINEERS - MEMBER ATTRIBUTES

- The interpretation of attributes 1 and 2 relate to your fields of work. You must demonstrate a sound understanding of core engineering principles in those fields.
- Your level of attainment of attributes 3 to 9 will be judged with regard to their relative importance within your fields of work.
- As a prospective ICE member, in order to fulfil your obligation to society and to meet the requirements of Health, Safety and Welfare legislation you must have a sound knowledge and understanding of the construction process together with the activities connected to it. You must have an appreciation of and be able to identify and manage risks arising as a consequence of your actions.
- For those whose experience includes the construction process, site experience will ordinarily be required.

Attribute Group	Attributes of a Chartered member of ICE (CEng MICE)	
	Attributes to be demonstrated for ICE membership as Incorporated Engineer (IEng MICE)	Additional attributes to be demonstrated for ICE membership as Chartered Engineer (CEng MICE)
1. Engineering Knowledge and Understanding	<p>A Ability to maintain and extend a sound theoretical approach to the application of technology in engineering practice.</p> <p>B Ability to use a sound evidence- based approach to problem solving and be able to contribute to continuous improvement.</p>	<p>C Ability to maintain and extend a sound theoretical approach in enabling the introduction and exploitation of new and advancing technology.</p> <p>D Ability to engage in the creative and innovative development of engineering technology and continuous improvement systems.</p>
2. Engineering Application	<p>A Ability to identify, review and select techniques, procedures and methods to undertake engineering tasks.</p> <p>B Ability to contribute to the design and development of engineering solutions.</p> <p>C Ability to implement design solutions and contribute to their evaluation.</p>	<p>D Ability to conduct appropriate research, and undertake design and development of engineering solutions.</p> <p>E Ability to implement design solutions and evaluate their effectiveness.</p>
3. Management & Leadership	<p>A Ability to plan for effective project implementation.</p> <p>B Ability to manage the planning and organization of tasks, people and resources.</p> <p>C Ability to manage teams and develop staff to meet changing technical and managerial needs.</p> <p>D Ability to manage quality processes</p>	<p>E Ability to plan direct and control tasks, people and resources</p> <p>F Ability to lead teams and develop staff to meet changing technical and managerial needs.</p> <p>G Commitment to continuous improvement through quality management</p>

4. Independent Judgement & Responsibility	<p>A Ability to identify the limits of personal knowledge and skills.</p> <p>B Ability to exercise sound independent engineering judgment and take responsibility</p>	<p>C Ability to identify the limits of a team's skill and knowledge.</p> <p>D Ability to exercise sound holistic independent judgment and take responsibility</p>
5. Commercial Ability	<p>A Ability to prepare and control budgets.</p> <p>B A sound knowledge of statutory and commercial frameworks within own area of responsibility.</p>	<p>C A high level of commercial and contractual understanding and an ability to use it within own area of responsibility.</p>
6. Health Safety & Welfare	<p>A A sound knowledge of legislation, hazards & safe systems of work.</p> <p>B Ability to manage risks.</p> <p>C Ability to manage health, safety and welfare within own area of responsibility.</p>	<p>D Commitment to leading continuous improvement in health, safety & welfare.</p>
7. Sustainable Development	<p>A A sound knowledge of sustainable development best practice.</p> <p>B Ability to manage engineering activities that contribute to sustainable development</p>	<p>C Committed to leading continuous improvement in sustainable development.</p>
8. Interpersonal skills and Communication	<p>A Ability to communicate well with others at all levels.</p> <p>B Ability to discuss ideas and plans competently and with confidence.</p> <p>C Personal and social skills.</p>	<p>D Ability to communicate new concepts and ideas to technical and non-technical colleagues.</p>
9. Professional Commitment	<p>A Understanding and compliance with the ICE Code of Conduct</p> <p>B Commitment to current and future CPD of self and others</p> <p>C Support of ICE activities.</p> <p>D A personal commitment to professional standards, recognising obligations to society, the profession and the environment.</p>	