



# Chartered Engineering

WRITTEN BY KIVI ENGINEERING SOCIETY

▲ FIGURE 1: REFURBISHMENT IN LONDON ©OCTATUBE

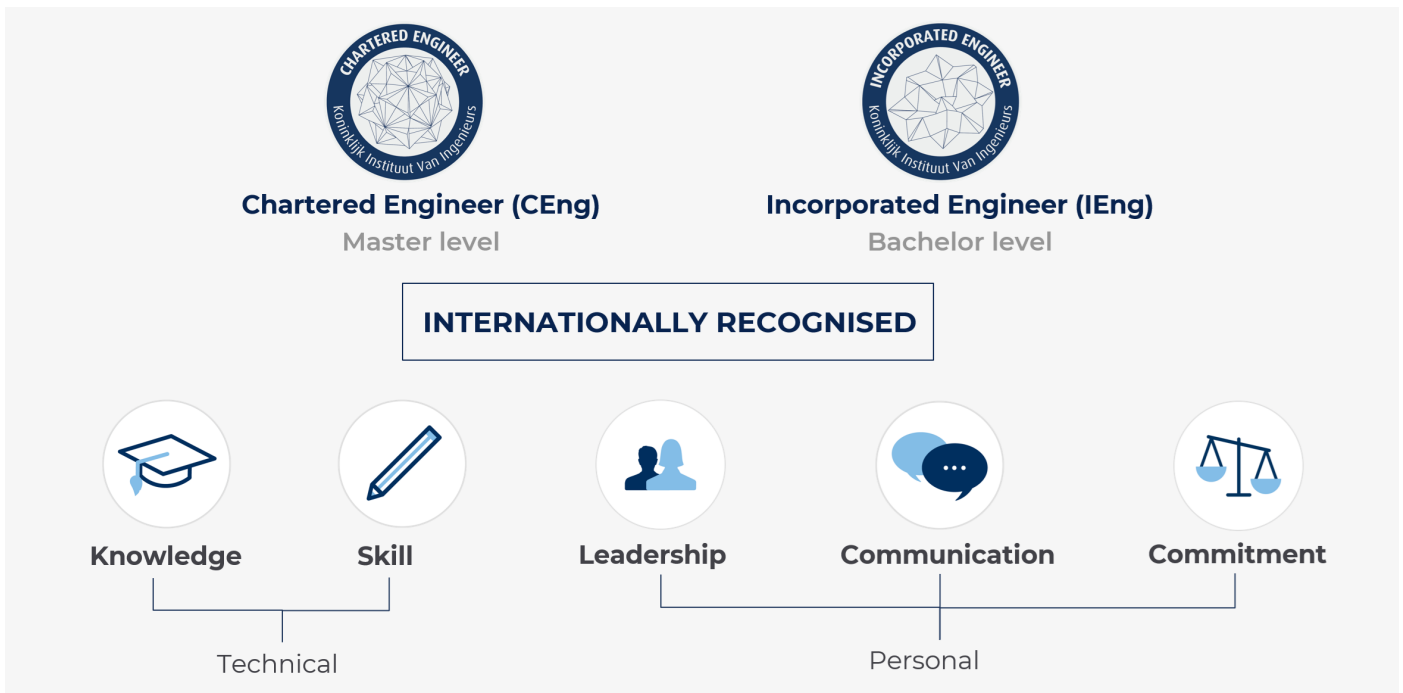
*Reliable engineering starts with the craftsmanship of engineers. Good training is indispensable for this. But during your career, after completing your education, how do you demonstrate that you have followed extra training, have gained sufficient experience and have developed into an (international) top engineer? As an engineer, you can choose to distinguish yourself by having your craftsmanship assessed and registered in a professional register. In the Netherlands, this is possible through KIVI's Chartered Engineering program, where you can register internationally as a Chartered Engineer (at Master level) or Incorporated Engineer (at Bachelor level).*

## **What does Chartered Engineering entail?**

Chartered and Incorporated Engineering form an internationally recognised quality standard for engineers. Candidates are assessed on five core competencies: Knowledge, Skill, Leadership, Communication and Commitment.

In the Netherlands, the registration as Chartered or Incorporated Engineer can be obtained exclusively through the Royal Netherlands Society of Engineers (Koninklijk Instituut

van Ingenieurs - KIVI). KIVI is the professional association for engineers in the Netherlands. KIVI stimulates knowledge sharing, professionalization and recognition of technical quality, and offers engineers various networks, training and certifications, including the Chartered and Incorporated Engineering program. The quality standard used by KIVI is closely aligned with the British standard for Chartered Engineering, which is considered to be leading worldwide.



▲ FIGURE 2: CHARTERED AND INCORPORATED ENGINEERING COMPETENCIES

After registration, engineers continue to develop. Every two years, they demonstrate, through Continuous Professional Development (CPD), that they have developed their competencies further, or, at least, maintained them. This can be done, for example, through work experience, supervising students or young colleagues, giving presentations, writing articles, taking courses, attending conferences or performing an active role within KIVI or the Chartered Engineering program. In this way, the registration not only shows that an engineer meets high standards at the time of assessment, but also continues to develop throughout his or her career. Much of what you already do as an engineer contributes to this. It mainly requires some discipline to record it as CPD.

Chartered Engineers are top engineers at Master level who often work on strategic and complex projects, while Incorporated Engineers are top engineers at Bachelor level and focus on implementation, optimization, and operational processes. Both titles are internationally recognised and indicate that an engineer has proven competencies at the highest level.

### This is how Chartered Engineering helps your career

The KIVI register for Chartered and Incorporated Engineers offers independent recognition of the professionalism of engineers. Obtaining and maintaining your registration requires commitment, but also offers clear advantages: it strengthens the position of engineers (including you) on the labour market and can be decisive in obtaining assignments or international projects.

The registration makes personal achievements and development visible, independent of which employer someone works for. It supports targeted career development and demonstrable compliance with clients' requirements. For employers, the register provides insight into the quality of their teams, reduces risk in complex projects and facilitates international co-operation.

KIVI is actively committed to establishing Chartered Engineering as a recognised quality standard in the Netherlands. The register is accessible to engineers at both Master level (Chartered Engineer) and Bachelor level (Incorporated Engineer) and offers added value for both employees and employers.

### The Registration Process

The process of becoming a Chartered or Incorporated Engineer consists of four steps:

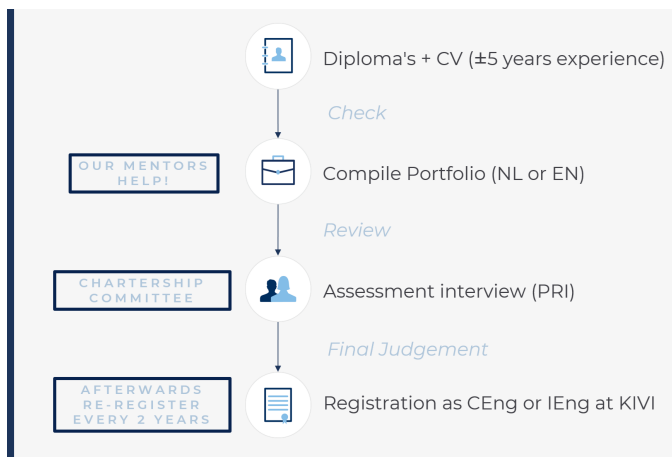
#### I. Submit diploma's and CV

It typically requires 5 years of work experience to meet the requirements of Chartered or Incorporated Engineer. When you graduate, your Knowledge and Skill are already well developed, but it is highly recommended to start working on your Leadership, Communication and Commitment immediately after you graduate. Your employer may help in this.

Any engineer working in The Netherlands, or working abroad for a Dutch company, is eligible for membership and registration as Chartered or Incorporated Engineer at KIVI. Note, however, that non-Dutch diploma's will always be



▲ FIGURE 3: THE OLYMPIA CANOPY IN LONDON ©RAQUEL DINIZ-HEATHERWICK STUDIO



▲ FIGURE 4: CENGAND IENG REGISTRATION PROCESS

checked formally through Nuffic (Netherlands Universities Foundation for International Cooperation).

*Check: Because of the official and international nature of Chartered and Incorporated Engineering, the KIVI office checks your credentials, also of your ID.*

## 2. Compile Portfolio (Dutch or English)

You get access to a secure online platform in which you enter examples (in either Dutch or English language) for each competency in your portfolio. These are examples from your daily work in recent years, such as managing a project, implementing a new working method, supervising colleagues, writing articles or giving presentations. You will be provided with clear candidate guidelines explaining the specific structure ('recipe') for providing examples, to help you write them in the best possible way. When finished, you submit your portfolio to KIVI.

*Review: The KIVI office organizes a review of your portfolio by experienced Chartered Engineers, after which you can make improvements. When your portfolio is approved, you will be invited for your Professional Review Interview.*

## 3. Professional Review Interview (PRI)

Two experienced Chartered Engineers engage with you about your portfolio during a 90-minute interview. Afterwards, they issue a report to the Chartership Committee.

*Final judgement: The independent Chartership Committee guards the quality standard of Chartered and Incorporated Engineering and has the final judgement whether you will be registered as a Chartered or Incorporated Engineer.*

## 4. Registration as CEng or IEng at KIVI

Your registration is complete, you receive your certificate during an official ceremony and your name is entered into the register.

## Mentorship Support for Candidates

Filling in competencies can sometimes be hard to start with, or complicated to find your right examples with the competencies. Therefore, you will not be on your own: every candidate will be appointed a KIVI mentor, either individually, or in a mentor group (e.g. from the same company). KIVI mentors, themselves experienced Chartered or Incorporated Engineers, guide candidates through their portfolio and lead

mentor groups to encourage collaboration and feedback among candidates to help each other in the process. This approach has been very successful.

## Continuous Professional Development (CPD)

The registration is not a one-time recognition. Engineers must re-register every two years by demonstrating how they have continued to develop their competencies in the areas of Knowledge, Skill, Leadership, Communication and Commitment. CPD activities can consist of actively participating in KIVI activities, attending courses, attending conferences, writing articles, giving presentations or supervising new Chartered Engineers. In this way, registration remains a dynamic tool for professional growth and international recognition. The re-registration process is much lighter than the initial registration, but performed through the same secure online platform and supervised by the Chartership Committee.

## How does KIVI support this?

KIVI has a chartership team that supports candidates through the process, organizes mentor groups, and provides training for mentors. The team also maintains long-term partnerships with companies, knowledge institutions and foreign registers such as Engineers Ireland, the Engineering Council UK and the IEA (International Engineering Alliance).

This support increases the visibility, recognisability and professionalisation of Chartered and Incorporated Engineering in the Netherlands. In addition, the program offers engineers the opportunity to record their performance and professional development in a structured and internationally recognised way, which contributes to career development and (international) mobility.

## What are the benefits for engineers and employers?

For engineers, the registration provides independent proof of craftsmanship, strengthens the position in the labour market and makes performance and experience officially demonstrable. It encourages ongoing professional development through CPD, keeping skills up-to-date and internationally recognised.

For employers and clients, the registration makes it easier to demonstrate the quality of their teams. It helps with complex projects, reduces risks and supports international cooperation. At the same time, the recognition reflects positively on the reputation of the organization and its ability to attract and retain top engineers.

## Recognition in the technical sector

The technical sector recognises Chartered and Incorporated Engineering as an important quality standard for engineers. Increasingly, the registration is seen as a top-level quality standard that demonstrates the professionalism and expertise of engineers. In a sector where projects are becoming more complex and international co-operation is increasingly important, the register provides independent proof of expertise and continuous professional development.

For more information or questions, please contact us via email at [chartered@kivi.nl](mailto:chartered@kivi.nl), via the website [www.charteredengineer.nl](http://www.charteredengineer.nl), or via the LinkedIn group KIVI Chartered and Incorporated Engineering.