



Training Hydrogen Technology



Company Profile

STC International is a member of the STC Group, which provides courses, training and education for the transport and maritime cluster in a sustainable and innovative way to bring people, institutions, and companies to a higher level of education. In addition to individual students, we help companies with tailor-made training and in-company training.

STC International educates worldwide. We provide and migrate prime knowledge worldwide by using the latest evidence-based techniques and methods and unique learning and training facilities. We are present in and serving the continents of Europe, Africa, Asia, and Latin America.



Contact	
Address	Soerweg 31 3088 GR Rotterdam
Telephone	+31 88 31 86 478
E-mail	international@stc-r.nl
Website	www.stc-international.nl

 Follow us on LinkedIn

Training Hydrogen technology

Societies want to become less dependent on fossil fuels and the energy transition is therefore in full swing. It is to be expected that hydrogen will be the backbone of a future energy system.

Sustainable or 'green' hydrogen can be used for storing and transporting green energy. But hydrogen is also an important building block in the chemical industry and can be used for combustion.

To gain more insight into the background and the current and new applications of hydrogen, STC offers the training Hydrogen Technology. The aim of this course is to give the participants a general understanding of the application of hydrogen.

In this training the following topics will be covered: *

- The energy transition
- Environmental and climate agreements
- What is hydrogen, what are the pro's & con's?
- Current and new applications
- Hydrogen properties, both chemically and physically
- Ways of producing hydrogen; electrolysis, storage, and transport
- Fuel cell types and combustion
- Challenges and developments
- Hydrogen projects
- Safety and regulations

For each of these topics, where applicable, the characteristics, properties and chemistry will be discussed. Practical examples will also be discussed, and the associated social implications will be addressed.

This course is given by experienced lecturers with a background and/or active participation in the aforementioned topics.

** content can be determined by mutual agreement*



Info	
Duration	18 hours 06 hours (shorter version)
Language	English (translation on demand)
Modality	On-line or on-site
Cost	Depending on modality and locaiton