

# Summer School on Green Hydrogen and Power-to-X supply chain

## Objectives:

The main objective of this summer school is to introduce the participants to the recent advances in Green Hydrogen technologies and Power-to-X Products. A special focus will be done on Supply chain (storage and transport of Green Hydrogen and PtX products).

The program of the school includes Theoretical lectures as well as Case studies and experience of industrial companies in this field.

The participants will be invited to develop a project work and to present their findings. The best project will be awarded.

This course is highly interactive and contains a lot of intensive and fun teamwork.

- Lectures and Tutorials
- Expert talks
- Exercises
- Case studies and Team project work
- Hackathon
- Cultural visits and immersion
- Intercultural exchange & social events

Application are open now! The **Deadline for application** is **17 June 2024**.

## Course Leader

This school is organized by the “Tunisian-Bavarian Hub on Green Hydrogen” implemented in “Ecole Nationale d’Ingénieurs de Tunis (ENIT)”, University Tunis El Manar. It is supported by the Ministry of Industry, Mines and energy and GIZ. The scientific support is provided by the “Material, Optimization, Energy for sustainability” Laboratory (LaMOED) and “Optimization and Analysis of Industrial and Service Systems” Laboratory (OASIS) in ENIT.

## Target Group:

- Engineering students at their final year of studies
- Master students in Science and Technology
- PhD Students in Engineering

The applicants must be proficient in English language.

Desirable is basic knowledge in the following areas: Physics, Fluid Mechanics, Energy Conversion, Renewable energy, Thermodynamics, supply chain.

No English certificate is required. Our courses are all in English and therefore a proficient knowledge of English is important.

## Venue

Ecole Nationale d'Ingénieurs de Tunis

Université Tunis El Manar

Campus Universitaire Farhat Hached – Manar 1 - Tunis

## Period: 8 – 12 July 2024

## Credits info

According to ENIT system it is equivalent to 1 EC (30 hours workload). A participation certificate will be delivered at the end of the week.

Please note: Ultimately it is up to your home institution as to how many credits may be awarded. For details, please speak to:

- your home institution's Study Abroad Adviser for International candidates
- the doctoral school of your institution for the Tunisian PhD students.
- The Director of Department for the Tunisian undergraduate students.

## Accommodation & Fee info

There is no registration or tuition fees.

The accommodation will be at the "Haroun Al Rachid" University dorm about 1km far from the training location. Every room is shared by two participants.

The training will be conducted in the premises of ENIT.

Sandwiches and fast food will be served on site for lunch.

## Application

For application, the candidates have to send the following documents:

- Cover letter.
- Curriculum-Vitae.
- Reference letter / Recommendation letter from the director of department or from one professor of the specialty.

to the following address:

[summerschoolgreenhydrogen@gmail.com](mailto:summerschoolgreenhydrogen@gmail.com)

before the 17<sup>th</sup> of June 2024.

### Provisional Program:

	<b>Monday 8th</b>	<b>Tuesday 9th</b>	<b>Wednesday 10th</b>	<b>Thursday 11th</b>	<b>Friday 12th</b>
<b>Morning Session</b>	Opening ceremony	Introduction to Supply chain	Project Work (Group Work)	Project Work	Project Work
	Introduction to Green Hydrogen	Hydrogen Supply chain			
<b>Afternoon session</b>	Introduction to PtX	Case study: LOHC supply chain Presented by Hydrogenious	Cultural activity	Project Work	Presentations Of the Project Work
		Case study: Hydrogen Supply chain presented by Hyviate			