Garnet
Garnet Global Training Center

GGT-ES-128

Energy Transition, Sustainability & ESG **New from 2028**

Hydrogen Production Technologies

تقنيات إنتاج الهيدروجين

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Hydrogen Production Technologies practise the methods, tools and standards they need to perform reliably and solve problems on the job. Measure emissions, report credibly and plan the shift to cleaner energy and operations. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Hydrogen Production Technologies to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

Who should attend

Sustainability, energy, environment and strategy teams, engineers and reporting leads. Practitioners with one to five years of experience benefit most.

Key topics

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI
- Energy efficiency measures
- Low-carbon technologies
- Climate risk and finance
- Net zero roadmaps

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Hydrogen Production Technologies: principles and standards

- Climate risk and finance
- Measurement and reporting

Day 2 Methods and tools in practice

- Net zero roadmaps
- Emissions scopes and inventories

Day 3 Diagnosis and problem solving

- Reporting frameworks: ISSB, GRI
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Energy efficiency measures
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Low-carbon technologies
- Regional and international case studies

10-day outline

Day 1 Hydrogen Production Technologies: principles and standards

- Climate risk and finance
- Measurement and reporting

Day 2 Methods and tools in practice

- Net zero roadmaps
- Emissions scopes and inventories

Day 3 Diagnosis and problem solving

- Reporting frameworks: ISSB, GRI
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- Energy efficiency measures
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Low-carbon technologies
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Group discussion and peer review

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
19–23 Jun 2028	5-day classroom	Abu Dhabi	Arabic	4,750
9–20 Jul 2028	10-day classroom	Riyadh	Arabic	8,950
18–29 Sep 2028	10-day online	Live online	English	5,450
13–17 Nov 2028	5-day classroom	Kuala Lumpur	English	4,750
12–23 Mar 2029	10-day classroom	Amsterdam	English	8,950
11–15 Jun 2029	5-day classroom	Abu Dhabi	Arabic	4,750
5–9 Nov 2029	5-day classroom	Vienna	English	4,750
10–14 Dec 2029	5-day online	Live online	Arabic	2,950
14–25 Jan 2030	10-day online	Live online	English	5,450

Dates	Format	City	Language	Fee (USD)
2–13 Jun 2030	10-day classroom	Amman	English	8,950
7–11 Jul 2030	5-day classroom	Doha	English	4,750
6–10 Oct 2030	5-day classroom	Jeddah	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/