



Energy Transition, Sustainability & ESG

Rare specialisation

New from 2029

Small Modular Reactors & Nuclear Energy Basics

المفاعلات المعيارية الصغيرة وأساسيات الطاقة النووية

Duration

5 or 10 days

Language

English or Arabic

Formats

Classroom, online, in-house

Hours

35 / 70

Overview

Small Modular Reactors & Nuclear Energy Basics is part of the Energy Transition, Sustainability & ESG track at Garnet Global Training Center. Measure emissions, report credibly and plan the shift to cleaner energy and operations. The course is taught in English or Arabic as a 5-day or 10-day program, in classrooms in cities such as Dubai, Riyadh, Cairo, London and Istanbul, or live online, and it can be delivered in-house with examples and exercises built around your own operations.

What you will be able to do

- Explain the principles, terminology and standards that govern Small Modular Reactors & Nuclear Energy Basics.
- Apply proven methods and tools to real situations from your own workplace.
- Analyse performance gaps, risks and root causes, and choose the right response.
- Measure results with practical indicators and report them clearly to management.
- Leave with a personal action plan you can start using the following week.

Who should attend

Sustainability, energy, environment and strategy teams, engineers and reporting leads.

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: www.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 Foundations of Small Modular Reactors & Nuclear Energy Basics

- Scope, terminology and governing standards
- Emissions scopes and inventories

Day 2 Methods and tools

- Reporting frameworks: ISSB, GRI
- Energy efficiency measures

Day 3 Application and case studies

- Low-carbon technologies
- Net zero roadmaps

Day 4 Performance, risk and compliance

- Climate risk and finance
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Hands-on workshop on a workplace challenge
- Final assessment and personal action plan

10-day outline

Day 1 Foundations of Small Modular Reactors & Nuclear Energy Basics

- Scope, terminology and governing standards
- Emissions scopes and inventories

Day 2 Methods and tools

- Reporting frameworks: ISSB, GRI
- Energy efficiency measures

Day 3 Application and case studies

- Low-carbon technologies
- Net zero roadmaps

Day 4 Performance, risk and compliance

- Climate risk and finance
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Hands-on workshop on a workplace challenge
- Final assessment and personal action plan

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

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
- International case studies

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)
1–5 Jan 2029	5-day online	Live online	English	2,950
19 Feb – 2 Mar 2029	10-day online	Live online	Arabic	5,450
16–20 Apr 2029	5-day classroom	Amsterdam	English	4,750
3–7 Sep 2029	5-day classroom	London	English	4,750
15–26 Oct 2029	10-day classroom	Istanbul	English	8,950
7–11 Apr 2030	5-day classroom	Riyadh	Arabic	4,750
4–8 Aug 2030	5-day classroom	Manama	English	4,750
16–27 Sep 2030	10-day online	Live online	Arabic	5,450
7–18 Oct 2030	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
9–13 Dec 2030	5-day online	Live online	English	2,950

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