Garnet
Garnet Global Training Center

GGT-ES-117

Energy Transition, Sustainability & ESG **Rare specialisation**

Waste-to-Energy Technologies

تقنيات تحويل النفايات إلى طاقة

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

Overview

Waste-to-Energy Technologies focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Measure emissions, report credibly and plan the shift to cleaner energy and operations. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Waste-to-Energy Technologies to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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 Waste-to-Energy Technologies: principles and standards

- Net zero roadmaps
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Waste-to-Energy Technologies: principles and standards

- Net zero roadmaps
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Emissions scopes and inventories
- Reporting frameworks: ISSB, GRI

Day 3 Diagnosis and problem solving

- Energy efficiency measures
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Low-carbon technologies
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Climate risk and finance
- Hands-on workshop on a workplace challenge

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
- Regional and 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)
8–12 Mar 2027	5-day classroom	London	English	4,750
4–15 Jul 2027	10-day classroom	Riyadh	Arabic	8,950
16–20 Aug 2027	5-day online	Live online	Arabic	2,950
17–21 Oct 2027	5-day classroom	Kuwait City	Arabic	4,750
2–6 Jan 2028	5-day classroom	Kuwait City	English	4,750
8–19 May 2028	10-day online	Live online	English	5,450
20–24 Aug 2028	5-day classroom	Cairo	Arabic	4,750
17–28 Dec 2028	10-day classroom	Doha	English	8,950
11–22 Feb 2029	10-day classroom	Cairo	English	8,950

Dates	Format	City	Language	Fee (USD)
21–25 May 2029	5-day online	Live online	Arabic	2,950
9–13 Jul 2029	5-day classroom	Amsterdam	English	4,750
11–15 Nov 2029	5-day classroom	Kuwait City	English	4,750
7–11 Jan 2030	5-day classroom	Geneva	English	4,750
12–23 Aug 2030	10-day online	Live online	English	5,450
21–25 Oct 2030	5-day classroom	Istanbul	English	4,750
11–22 Nov 2030	10-day classroom	Vienna	English	8,950

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