Garnet
Garnet Global Training Center

GGT-ES-114

Energy Transition, Sustainability & ESG

Life Cycle Assessment (LCA)

تقييم دورة الحياة (LCA)

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

Overview

Participants in Life Cycle Assessment (LCA) 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 Life Cycle Assessment (LCA) 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 Life Cycle Assessment (LCA): principles and standards

- Low-carbon technologies
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Climate risk and finance
- Net zero roadmaps

Day 3 Diagnosis and problem solving

- Emissions scopes and inventories
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Reporting frameworks: ISSB, GRI
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Energy efficiency measures
- Checklists and templates to take away

10-day outline

Day 1 Life Cycle Assessment (LCA): principles and standards

- Low-carbon technologies
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Climate risk and finance
- Net zero roadmaps

Day 3 Diagnosis and problem solving

- Emissions scopes and inventories
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Reporting frameworks: ISSB, GRI
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Energy efficiency measures
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
11–15 Jan 2027	5-day classroom	Barcelona	English	4,750
15–19 Mar 2027	5-day online	Live online	English	2,950
16–20 Aug 2027	5-day classroom	Dubai	Arabic	4,750
12–23 Sep 2027	10-day classroom	Manama	Arabic	8,950
17–28 Jan 2028	10-day online	Live online	English	5,450
13–17 Mar 2028	5-day classroom	Istanbul	English	4,750
4–8 Sep 2028	5-day classroom	Casablanca	English	4,750
20 Nov – 1 Dec 2028	10-day classroom	Paris	English	8,950
8–12 Jan 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
18–29 Mar 2029	10-day classroom	Riyadh	English	8,950
1–5 Apr 2029	5-day classroom	Doha	English	4,750
3–7 Sep 2029	5-day classroom	Istanbul	English	4,750
10–14 Feb 2030	5-day classroom	Jeddah	English	4,750
9–13 Jun 2030	5-day classroom	Manama	Arabic	4,750
16–27 Sep 2030	10-day classroom	Istanbul	English	8,950
4–15 Nov 2030	10-day online	Live online	English	5,450

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