

TRAINING ON ISO STANDARD ON CARBON FOOTPRINT OF PRODUCTS

14-18 November 2022, Astana

- Draft agenda -

Background

The Ministry of Trade and Integration of Kazakhstan and the Green Academy, with the financial support of the OECD and EBRD, have partnered to organise and deliver a training on ISO standard on climate change to a targeted group of experts in Kazakhstan. This training is provided by the specialised consultancy Aequilibria, an environmental consultancy and training company, specialised in Carbon Management, operating at national and international level and founded by Daniele Pernigotti.

In this training, participants will learn about the implementation of ISO standards on Carbon Footprint of products (ISO 14067), Carbon Footprint of organization (ISO 14064-1), and GHG verification and validation (ISO 14064-3, ISO 14065, ISO 17029). The course is CEPAS-accredited and will lead to the delivery of a certificate to participants who succeed the final examination.

Practical information

Participation is upon invitation only. The event will take place in the hotel **Rixos Astana D-Hall**, Kazakhstan.

Target audience

Representatives of the Committee of the Technical Regulation and Metrology of the Ministry of trade and integration of the RK, members of the Examination Commission under future CAB in the field of the GHGs validation and verification.

Contact information

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Monday, 14 November

Module 1: Carbon Footprint of products (ISO 14067)

Lecturer: Daniele Pernigotti

Time	Items
9:00 – 9:15	<i>Arrival of participants</i>
9:15 – 9:30	Opening remarks <ul style="list-style-type: none">• Serik Zhumangarin, Minister of Trade and Integration of Kazakhstan (TBC)• William Tompson, Head of Eurasia Division, OECD• Hüseyin Özhan, Director, Head of Kazakhstan, EBRD (TBC)• Bakhyt Yessekina, Member of the Green Council under the President of Kazakhstan and Director of the Green Academy
9:30 – 9:45	<i>Test IN</i>
Introduction to Carbon Management	
9:45 – 11:00	Scientific basics of climate change
11:00 – 11:15	<i>Tea & Coffee break</i>
11:15 – 13:00	International policies evolution Market and carbon transition to a low-carbon economy Carbon management at organisation level
13:00 – 14:00	<i>Lunch break</i>
Carbon Footprint of Product (I session)	
14:00 – 16:00	Introduction to LCA Introduction to the ISO 14067 development
16:00 – 16:15	<i>Tea & Coffee break</i>
16:15 – 18:00	Inventory analysis (I part)

Tuesday, 15 November

Module 1: Carbon Footprint of products (ISO 14067) – cont'd

Lecturer: Daniele Pernigotti

Time	Items
	Carbon Footprint of Product (II session)
9:00 – 11:00	Inventory analysis (II part)
11:00 – 11:15	<i>Tea & Coffee break</i>
11:15 – 13:00	Impact assessment
13:00 – 14:00	<i>Lunch break</i>
14:00 – 16:00	Interpretation CFP Programme Operator and ISO 14026
16:00 – 16:15	<i>Tea & Coffee break</i>
16:15 – 17:30	Market perspectives: CFP worldwide
17:30 – 18:00	<i>Test OUT</i>

Wednesday, 16 November

Module 2: Carbon Footprint of organisations (ISO 14064-1)

Lecturers: Daniele Pernigotti and Carlotta Ragazzo

Time	Items
9:00 – 9:30	<i>Test IN</i>
9:30 – 11:00	Introduction to GHG inventories of organizations The revision of ISO 14064-1 The contents of ISO 14064-1 (I part)
11:00 – 11:15	<i>Tea & Coffee break</i>
11:15 – 13:00	The contents of ISO 14064-1 (II part)
13:00 – 14:00	<i>Lunch break</i>
14:00 – 16:00	The contents of ISO 14064-1 (III part)
16:00 – 16:15	<i>Tea & Coffee break</i>
16:15 – 17:30	The contents of ISO 14064-1 (III part) – <i>Cont'd</i> Communication of the results
17:30 – 18:00	<i>Test OUT</i>

Thursday, 17 November

Module 3: GHG verification and validation (ISO 14064-3, ISO 14065, ISO 17029)

Lecturer: Daniele Pernigotti

Time	Items
9:00 – 9:30	<i>Test IN</i>
9:30 – 11:00	Introduction to ISO 14064-3:2019 The assurance and the engagement types
11:00 – 11:15	<i>Tea & Coffee break</i>
11:15 – 13:00	Scope, definitions and principles Crucial aspects to be considered in the engagement phase V/V preparation phase
13:00 – 14:00	<i>Lunch break</i>
14:00 – 16:00	Execution of the V/V
16:00 – 16:15	<i>Tea & Coffee break</i>
16:15 – 18:00	Execution of the V/V – <i>Cont'd</i> Completion of the V/V and issuance of opinion

Friday, 18 November

Module 3: GHG verification and validation (ISO 14064-3, ISO 14065, ISO 17029) – *Cont'd*

Lecturers: *Daniele Pernigotti and Lucia Granini*

Time	Items
9:00 – 11:00	ISO 17029 and ISO 14065: difficult coexistence or helpful synergy? The revision of ISO 14065 The requirements of ISO 17029 and the requirements of ISO 14065 (I part)
11:00 – 11:15	<i>Tea & Coffee break</i>
11:15 – 12:30	The requirements of ISO 17029 and the requirements of ISO 14065 (II part) The transition concerning the V/V activities IAF MD 6 for the application of ISO 14065:2020
12:30 – 13:00	<i>Test OUT</i>
13:00 – 14:00	<i>Lunch break</i>
14:00 – 15:30	Written examination
15:30 – 15:45	<i>Tea & Coffee break</i>
15:45 – 17:45	Oral examinations
17:45 – 18:00	Concluding remarks by Kazstandard