



## ITU Centres of Excellence Network for Arab Region

### Centre International des Technologies de l'Environnement de Tunis (CITET)

#### Online Training Course on “How to Assess Your Products Carbon Footprint” 07 - 11 December 2020

#### COURSE OUTLINE

##### COURSE DESCRIPTION

Title	How to Assess Your Product's Carbon Footprint
Objectives	<ol style="list-style-type: none"><li>1. Understand the drivers and mechanisms of climate change and the sources of greenhouse gases.</li><li>2. Have a broad overview of the current status and developments relating to carbon footprinting, covering the key concepts and the main international standards.</li><li>3. Be familiarized with the methodology for the quantification and reporting of the carbon footprint of a product (CFP) in accordance with ISO 14067.</li><li>4. Calculate a product carbon footprint.</li><li>5. Interpret the results of a carbon footprint, design an action plan and integrate it into a continuous improvement environmental process.</li></ol>
Date	07 to 11 December 2020, 14:00-17:00 Tunis Time
Duration	05 Days
Registration deadline	5 December 2020
Training fees	100 USD
Course code	20OI24280ARB-A

## LEARNING OUTCOMES

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By the end of this training, the participants should be able to:

- Know the international context of climate change.
- Identify the drivers and mechanisms of climate change and the sources of greenhouse gases.
- Be familiar with GHG emission management.
- Contain background to carbon footprinting and international related standards and approaches.
- Understand principles of Greenhouse Gas Accounting.
- Be familiar with key data, tools and resources for carbon footprinting.
- Contain methodology for quantification of the CFP according to ISO 14067 standard.
- Be familiar with CFP study report.
- Be able to realize a critical review.
- Cases studies.

## TARGET POPULATION

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This training course targets state agents, Energy managers and agents in charge of climate change, managers and correspondents for sustainable development, eco-responsibility and project managers, decision-makers in the industrial sector. Other institutions and individuals who are interested in having an overview of carbon footprinting are also welcome to participate in this training program.

## TUTORS/INSTRUCTORS

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NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Mr. Kamel Saidi	Email: <a href="mailto:formation@citnet.nat.tn">formation@citnet.nat.tn</a> Tel: +216 71 206 766

## EVALUATION

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There will daily short quizzes (10 minutes – 10 questions) at the end of each day to measure the progress of knowledge acquisition.

There will be a final test (MCQ of 50 different questions – 1 hour).

A final report will be drawn up stressing out the progress of knowledge acquisition for each participant.

## TRAINING SCHEDULE AND CONTENTS / AGENDA

Date for 1 <sup>st</sup> Day	Time	Topic/Activities
December 07, 2020	14:00-17:00	1. Introduction : <ul style="list-style-type: none"> <li>- International context of climate change;</li> <li>- The drivers and mechanisms of climate change and the sources of greenhouse gases;</li> <li>- Why do a carbon footprint ?</li> <li>- GHG emission management : business oriented methods and Product oriented methods;</li> <li>- Background to carbon footprinting (ISO 14064, PAS 2050, WRI Life Cycle Standard, ISO 14067).</li> </ul>
Date for 2nd Day	Time	
December 08, 2020	14:00-17:00	2. Principles of Greenhouse Gas Accounting : <ul style="list-style-type: none"> <li>- Relevance</li> <li>- Completeness</li> <li>- Consistency</li> <li>- Transparency</li> <li>- Accuracy</li> </ul> 3. Methodology for quantification of the CFP according to ISO 14067 standard : <ul style="list-style-type: none"> <li>- Use of CFP-PCR</li> <li>- Goal and scope definition</li> </ul>
Date for 3rd Day	Time	
December 09, 2020	14:00-17:00	3. Methodology for quantification of the CFP according to ISO 14067 standard (continued) : <ul style="list-style-type: none"> <li>- Life cycle inventory analysis for the CFP</li> <li>- Impact assessment for CFP or partial CFP</li> <li>- Interpretation of CFP or partial CFP</li> </ul>
Date for 4th Day	Time	
December 10, 2020	14:00-17:00	4. CFP study report <ul style="list-style-type: none"> <li>- GHG values in the CFP study report</li> <li>- Required information for the CFP study report</li> <li>- Optional information for the CFP study report</li> </ul> 5. Critical review
Date for 5th Day	Time	
December 11, 2020	14:00-17:00	6. Cases studies 7. Questions & Answers

## METHODOLOGY

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Academic	Practical
<b>70 %</b>	<b>30 %</b>

## COURSE COORDINATION

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<b><u>TRAINING COORDINATOR</u></b>	<b><u>ITU COORDINATOR</u></b>
<b>Mr. Jawhar Abdelkrim</b> CITET Tel: +216 71 206 766 Mobile: +216 20 489 942 Fax: +216 71 206 642 Email: <a href="mailto:financement@citnet.nat.tn">financement@citnet.nat.tn</a> <a href="mailto:formation@citnet.nat.tn">formation@citnet.nat.tn</a>	<b>Eng. Mustafa Al Mahdi</b> Programme Officer Arab Regional Office-ITU Tel: +202 35371777 Mobile: +20114 1177573 Fax: +202 35371888 Email: <a href="mailto:mustafa-ahmed.al-mahdi@itu.int">mustafa-ahmed.al-mahdi@itu.int</a>

## REGISTRATION AND PAYMENT

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### ITU Academy portal account

Registration and payment should be made online at the ITU Academy portal.

To be able to register for the course you MUST first create an account in the ITU Academy portal at the following address:

<https://academy.itu.int/index.php/user/register>

### Training registration

When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/index.php/training-courses/full-catalogue/how-assess-your-products-carbon-footprint>

You can also register by finding your desired course in our training catalogue <https://academy.itu.int/index.php/training-courses/full-catalogue>

### Payment

#### 1. On-line payment

A training fee of USD 100.- per participant is applied for this training. Payments should be made via the online system using the link mentioned above for training registration at <https://academy.itu.int/index.php/training-courses/full-catalogue/how-assess-your-products-carbon-footprint>

#### 2. Payment by bank transfer

Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make a bank transfer to the ITU bank account shown below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to [Hcbmail@itu.int](mailto:Hcbmail@itu.int) and copy the course coordinator. All bank transaction fees must be borne by the payer.

Failure to submit the above documents may result in the applicant not being registered for the training.

### 3. Group payment

**Institutional Contacts** are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the **“My account”** button in the user menu. At the bottom of this page you should see two buttons:

- a. If you want to **become an institutional contact**, click on the **“Apply to be an Institutional Contact”** button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on **“continue”** and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.
- b. If you want to **belong to an existing organization**, click on the **“Request to belong to an Institutional Contact”** button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on **“continue”**, a request will then be created. The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.

#### ITU BANK ACCOUNT DETAILS:

Name and Address of Bank:	UBS Switzerland AG Case postale 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union Internationale des Télécommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	USD 100
Payment Reference:	CoE-ARB 24280-WBS No. P.40592.1.08

### 4. Other method of payment

If due to national regulations, there are restrictions that do not allow the payment to be made using options 1 & 2 above, please contact the ITU Coordinator for further assistance.