



International Telecommunication Union  
Arab Regional Office (ARB)



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- Administrations of ITU Member States
- Regulators
- ITU-D Sector Members and Associates
- Academia Institutions  
In the Arab States region
- Regional and International Organizations  
concerned
- Regional chairs and vice chairs of the  
Advisory Groups and Study Groups

**Subject: ITU Centres of Excellence Online Training Course on “How to carry out the Full Life Cycle Assessment”**

Dear Madam/Sir,

I am pleased to invite your organization to participate in the online training course on **“How to carry out the Full Life Cycle Assessment”**, organized jointly by the International Telecommunication Union (ITU) and the Tunis International Centre of Environmental Technologies (CITET), from **14 to 18 June 2021**, as part of the ICTs & the Environment Program under the auspices of the ITU Centres of Excellence for Arab region. The training will be delivered in Arabic and French.

This training aims to give an essential overview of Life Cycle Assessment (LCA) methods, LCA principles as framework for sustainable product design and development and how to apply them in real-life situations. The training is also to explain the LCA as a methodology used in environmentally-conscious manufacturing and supports the analysis of environmental burden accumulated during the product life cycle, with the intention of driving improvement programmes.

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

- Understand LCA and its relation with environmental decision support,
- Understand how to carry out an LCA according to ISO 14040 and ISO 14044 standards,
- Demonstrate how to use appropriate assumptions and approximations where necessary,
- Understand how to carry out a full environmental assessment including the full set of environmental loads.
- Apply LCA concept to an ICT project.

This course is designed for anyone who has to conduct, understand or implement LCAs or associated policies, such as HSE Managers and their collaborators, Directors of industrial sites, organizations under supervision of the ministry in charge of the environment, Consultants, etc.

Detailed information on this training course is described in the course outline, which can be downloaded from the ITU Academy portal at the following link ([Click here](#))<sup>1</sup>. Registration should be made online at the aforementioned link no later than **10 June 2021**. Payment details are specified in the training course outline.

Should you require any further information, Eng. Mustafa Al Mahdi, Programme Officer, at ITU Arab Regional Office, E-mail: ([mustafa-ahmed.al-mahdi@itu.int](mailto:mustafa-ahmed.al-mahdi@itu.int)) and Mr. Jawhar Abdelkrim, (CITET), Email: ([financement@citnet.nat.tn](mailto:financement@citnet.nat.tn)) are at your full disposal.

Looking forward to your active participation in this online training course.

Yours faithfully,

[Original signed]

**Adel M. Darwish**  
Regional Director  
Arab Regional Office

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<sup>1</sup><https://academy.itu.int/training-courses/full-catalogue/how-carry-out-full-life-cycle-assessment>