

Training session on: **Life Cycle Assessment**

for sustainable irrigation in Mediterranean arid and semi-arid regions



21 + 22 June 2023



Université Cadi Ayyad, Faculty of Sciences Semlalia, Marrakesh

This training offers the basics of sustainability and Life Cycle Assessment (LCA). The contents will be focused to carbon footprint of productions of sustainable irrigation water in Mediterranean arid and semi-arid regions.

Wed. 21 June, 2023

Training (theory)



Cadi Ayyad University,
Faculty of Sciences Semlalia
Department of Biology, seminar room (1st floor)

LCA is a quantitative assessment tool to measure environmental impacts of a product or service in their life cycle. You will learn about the sustainability assessment and the framework of LCA.

09:00 – Registration
09:30 – Introduction: SmaCuMed
10:00 – Sustainability
12:00 – Lunch break
13:30 – **Life cycle thinking** for LCA
15:00 – LCA sustainable practices
16:00 – Wrap-up

Thu. 22 June, 2023

Training (PC-modelling)




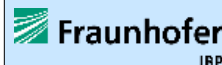
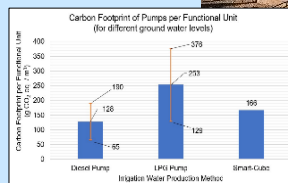
Cadi Ayyad University,
Faculty of Sciences Semlalia
Department of Biology, underground floor (S, numérique 1)

Following the four interlinked steps of LCA, we will introduce different applications to the LCA analysis. After understanding the framework, you will learn how to set scenarios for LCA results.

09:30 - Introduction
10:00 - LCA steps (on the example of GaBi, Open LCA)
12:00 - Lunch break
13:30 - Exercise: **Hands-on LCA**
15:30 - Group presentations
16:30 - Wrap up

Speakers:

-  Fraunhofer IBP (GERMANY)
-  Centre de Recherches et des Technologies des Eaux (TUNISIA)
-  Karlsruhe University of Applied Sciences (GERMANY)



www.smacumed.eu/news

Registration online:

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Registration deadline: 15 June, 2023

Registration fees: 300 Dh



Partners:



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