

## **Sustainability, Climate Change & Environmental Knowledge**

This track is for anyone who wants to learn more about sustainability through various topics. You will have a better understanding of climate change and the environment, as well as how to actively take steps to mitigate our environmental impacts, whether individually, at work, or collectively.

## **Green Buildings & Sustainable Neighborhoods**

This track has been designed to give architects, engineers, developers, landscapers, or any other construction professional a complete and methodical understanding of sustainable design & construction, with case studies & best-practice examples, and a preparation to green building certifications & LEED accreditations.

## **The Circular Economy & Eco-Design**

This track will open your eyes about the Circular Economy, and how we can contribute to accelerating the change towards it. You will learn about the principles of designing for circularity, meaning designing out waste & pollution, keeping products & materials in use within the production or biological cycles, and regenerating natural systems.

## **Eco & Social Entrepreneurship**

The aim of this track is to assist potential eco and/or social entrepreneurs in launching new environmental/social start-ups in a very practical way. You will learn how to convert step by step your Green or Social Business Ideas, or a new idea proposed during the workshops, into a sound & feasible business project and find solutions to the challenges of doing so along the way.



## Circular Economy & Eco-Design

This track will open your eyes about the Circular Economy, and how we can contribute to accelerating the change towards it. Indeed, economists, corporations, designers, and experts worldwide are moving towards a Circular Economy model.

Given the current uncertain worldwide context, circularity also offers practical ways & solutions for communities, cities, and nations to become more resilient, self-sufficient, and autonomous while promoting healthier environments through enhanced food security, circular agriculture, localized efficient production and waste recirculation.

You will understand the principles of designing for circularity. This will allow to become one of the few truly knowledgeable about circularity and potentially apply it in your field of work or life!

Sept	15	SE01	An intro to Sustainability, Climate Change, Ecological & Carbon Footprint, Green Construction: Why should we care?
	17	SE04	Climate Change Adaptation: Learn about the Drawdown Project
	22	CE01	An intro to the Circular Economy & EcoDesign (Part I)
	24	CE01	An intro to the Circular Economy & EcoDesign (Part II) Includes an EcoDesign Card Game to pick your brain :)
	29	CE03	Introduction to Biomimicry
Oct	1	CE09	Food Waste: Sustainable Approach to Food
	6	SE09	Sustainable & Circular Agriculture
	8	CE07	Circular Strategies Workshop
	13	CE12	Systems Thinking for a Circular Economy - Workshop Part I
	15	CE12	Systems Thinking for a Circular Economy - Workshop Part II
	20	CE05	Casa Batroun & Lifehaus Passive House Eco-projects
	22	CE10	Circular Refurbishment of an Interior Space
	27	EE03	Life-Cycle Assessment & Eco-Design Methodology for Businesses
	29	CE13	Circular Fashion
Nov	3	CE04	Circular Design Thinking Workshop

\* All seminars will start at 5:30 pm except Intro to Sustainability (Sept 15) & Intro to Biomimicry (Sept 29) which will start at 5pm.

\*\* All seminars will last 1 ½ to 2 hours, apart from the Life-Cycle Assessment & Eco-Design Methodology for Businesses and the Circular Design Thinking Workshops (Part I & II) which will take between 2.5 to 3 hours each.

## The Circular Economy & Eco-Design Track

This Track will open your eyes about the Circular Economy, and how we can contribute to accelerating the change towards it. Indeed, economists, corporations, designers, and experts worldwide are moving towards a Circular Economy model. You will learn about the principles of designing for circularity, meaning designing out waste & pollution, keeping products & materials in use, and regenerating natural systems and their various applications. This will allow you to become one of the few truly knowledgeable about circularity and potentially apply it in your field of work and daily life!

Very importantly, and given the current uncertain worldwide context, circularity also offers practical ways & solutions for communities, cities, and nations to become more resilient, self-sufficient, and autonomous while promoting healthier environments - through enhanced food security, circular agriculture, localized & efficient production, and waste recirculation.

These seminars and workshops are particularly valuable for anyone involved in the field of design - any type of design really: industrial, fashion, architectural, product design! It will open your eyes on different tools and methodologies to assess upfront the potential impact of a product through its life-cycle and re-design it or design it from scratch in a circular way, as much as possible. The seminars are also interesting for manufacturers of products who wish to become more eco-friendly and enhance their customer image, positioning themselves as environmentally responsible. Finally, anyone involved or interested in the field of waste management will surely benefit from an in-depth understanding of the circular economy.

Over half of the seminars & workshops in the **Circular Economy & Eco-Design Track** will be given by the **EcoConsulting team**, while the others will be provided by different experts in the environmental fields with whom we collaborate.

The series of sessions includes a diverse choice of 15 seminars and workshops, typically 2 hours each. Sessions cover both theoretical concepts & practical applications on ways to minimize and mitigate our impacts on the natural environment, as well as our health & well-being. Case studies, videos, animations and other tools have also been integrated into the sessions to enrich them with practical examples and make your learning experience interactive and fun.

A variety of different seminars & workshops will be offered each semester, so there will be a continuous opportunity to learn and deepen your environmental knowledge!

## The Certificate

You will be able to obtain the **"Circular Economy & Eco-Design Track" Certificate**, by securing a total of **12 Units**.

Most sessions are suitable for anyone, without the need for a specific background, and accessible too for teenagers 15 years old or more.

## Why should you pursue a Certificate?

Each Certificate can be used as a proof of awareness and knowledge of a certain field, that can enhance your personal or company CV. It is a recognition that you have actively participated in a series of seminars & workshops provided by experts, including EcoConsulting, in the topics related to each track.

A Certificate validates your understanding of the issues at hand and enables you to apply them to your field of studies or work. It can be used as a reference coming from EcoConsulting, an established company with over 15 years of experience in the field of sustainability, and a track record in giving or animating seminars, workshops, conferences and activities in this domain.

## The Seminars & Workshops

### SE01 - Tuesday, September 15<sup>th</sup>

#### **An intro to Sustainability, Climate Change, Ecological & Carbon Footprint, and Green Construction: Why should we care?**

Overview of sustainable development and the three pillars of sustainability, how is Climate Change affecting us, and why should we care? What is our Ecological Footprint & the overshoot day? Do you know your individual Carbon Footprint, are there some measures to reduce it? Why we should move to greener construction & energy-efficient, healthier buildings?

*[Click here for the full seminar details.](#)*

### SE04 - Thursday, September 17<sup>th</sup>

#### **Climate Change Adaptation: Learn about the Drawdown Project**

Project Drawdown is a world-class research organization that reviews, analyses, and identifies the most viable global climate solutions, and shares these findings with the world.

The aim of this workshop is to highlight the most up-to-date worldwide research in terms of climate change adaptation measures, and identify the ones with the highest potential to solve the climate crisis. How can we, individually and collectively, contribute to reducing our impact on climate change? Some measures are simple or straightforward but require awareness and habit changes, others are more complex, entrenched in our current systems, and will necessitate policies, regulations, activism, and a collective will to change.

*[Click here for the full seminar details.](#)*

### CE01 -Tuesday, September22<sup>nd</sup>& Thursday, September24<sup>th</sup>

#### **An intro to the Circular Economy &EcoDesign (Part I& II)**

An introduction to the Circular Economy, and how we can individually & collectively contribute in the transition towards there. What is meant by eco-designing while keeping in mind the full life-cycle of a product, from resource extraction to product disposal, with a few examples from around the world. The discussion about some of the most important criteria of eco-design will be followed by a few challenging questions and interactive games to pick your brains! The workshop is suitable for anyone interested in environmental and eco-designing principles and doesn't require a design background. Suitable to all ages above 14!

*Click [here](#) for the full seminar details.*

### CE03 - Tuesday, September29<sup>th</sup>

#### **Introduction to Biomimicry with Adib Dada**

Biomimicry is a Sustainable Design Methodology and approach to innovation that seeks sustainable solutions to human challenges by emulating nature's time-tested patterns & strategies. The core idea is that nature has already solved many of the problems we are grappling with. Animals, plants, and microbes are the consummate engineers. This seminar will give an overview of Biomimicry with some of its applications.

*This seminar is in collaboration with theOtherDada.*

*Click [here](#) for the full seminar details.*

### CE09 - Thursday, October1<sup>st</sup>

#### **Food Waste: A Sustainable Approach to Food**

Let's talk about food! What does a planet-friendly grocery list look like? Where to shop? How to reduce the amount of food that we waste? Join us for a workshop, full of practical information and tips that you can use every day to reduce your environmental impact and move towards a circular closed-loop way of consuming food!

*Click [here](#) for the full seminar details.*

### SE09 - Tuesday, October 6<sup>th</sup>

#### **Sustainable & Circular Agriculture**

The course will explain this concept and how and where it can be applied. The role of animal agriculture will be highlighted as well as that of aquaculture as possible links within the Circular Agriculture cycle.

Finally, the advantages and limitations of this approach will be discussed. Knowing that 2-hours of lecture time can summon the sleep fairy even for the

most caffeinated audience, an interactive approach will be followed to make the message and the time go by with a smile!

*This workshop is in collaboration with Lina Jaber.*

*Click [here](#) for the full seminar details.*

### CE07 - Thursday, October 8<sup>th</sup>

#### **Circular Strategies Workshop**

Are there different or eco-friendlier ways to meet the end-user or consumer needs & expectations by applying circular strategies? In this workshop, you will redesign a common use object by re-evaluating the functional and emotional needs that it serves and making use of circular strategy cards to brainstorm new solutions, materials, or designs for that object that are more eco & socially responsible.

*Click [here](#) for the full seminar details.*

### CE12 - Tuesday, October 13<sup>th</sup> & Thursday, October 15<sup>th</sup>

#### **Systems Thinking for a Circular Economy - Workshop Part I & II**

Systems Thinking equips users with a holistic lens that allows them to capture the different elements when tackling complex problems. This is quite useful when working on problems that require the intervention of circular economy practices since they are often complex. In addition, Systems Thinking provides participants with the tools to visualize loops and circularities within systems, which is aligned with the circular economy principles.

During the workshop, participants will learn about the Systems Thinking method as well as the different tools used to build a systems map. Together with the facilitator and the modeler, the participants will define, map and solve a problem that falls within the circular economy context. At the end of the session, participants will have learned a new method that equips them with new tools such as defining messy problems, building a causal loop diagram, and identifying leverage points of intervention in a systems map.

*Click [here](#) for the full seminar details.*

### CE05 - Tuesday, October 20<sup>th</sup>

#### **Meet the Architects! Casa Batroun & Lifehaus Passive House Eco-projects with Maha Nasrallah, EcoConsulting, & Nizar Haddad**

Casa Batroun, a small private house renovated and extended in an eco-friendly manner, which achieved the BREEAM Excellent rating and is the 1st project to be BREEAM-certified in Lebanon, and 1st BREEAM Excellent rating in the Middle-East. The detailed presentation will describe the bio-climatic design; the choice of materials; as well as all the energy-efficiency, water conservation, and sustainability features of the house.

Lifehaus Passive House, as a first self-sustainable house the seminar will tackle the different systems that makes it passive and self-sufficient (Canadian well, thermal mass storage, natural & reused material, water management, solar power etc.), and how this kind of design re-questions conventional construction industry and modifies its process.

*Click [here](#) and [here](#) for the full seminar details.*



### CE10 - Thursday, October 22<sup>nd</sup>

#### **Circular Refurbishment of an Interior Space**

In order to create a new space for offering environmental seminars & workshops, a client would like you to redesign their main office to accommodate their new vision.

- During this workshop, you will take time to remake a space in a circular way, think about creative ideas to reduce its environmental and health impact, select appropriate low-impact materials, and present your ideas to the rest of the participants. With guidance, we will come up as a group with different options for the circular refurbishment of an interior space. ○

### EE03 - Tuesday, October 27<sup>th</sup>

#### **Life-Cycle Assessment & Eco-Design Methodology for Businesses**

Review of the Circular Economy and adaptation of circular principles in the context of start-ups or existing businesses: How to integrate an environmental and social approach into the design or procurement of your products and services, based on a step-by-step methodology & Life-Cycle Assessment? How to minimize the ecological & social impact of your office, manufacturing plant, warehouse, or simply the operational of it and transportation of goods?

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### CE10 - Thursday, October 29<sup>th</sup>

#### **Circular Fashion with Aya Hoteit, FabricAid, and EcoConsulting**

Clothes are an everyday need, and for many an essential way to self-expression. Unfortunately the way clothes and textiles are produced and used today is excessively wasteful and polluting.

Join us for an interactive session to learn about the environmental, health and social impact of clothes and how this can be reduced. Are there ways to make the fashion industry more circular? What can the modern end-consumer do to reduce the footprint of clothing while still meeting its needs for different type of clothes and trends? How can each one of us contribute to closing the loop in terms of textile waste?

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*This seminar is in collaboration with Aya Hoteit and FabricAid.*

### CE04 - Tuesday, Nov 3<sup>rd</sup>

#### **Circular Design Thinking Workshop**

Design Thinking has become an extremely popular approach to problem-solving—not only among designers, but across all areas of business. How can we also apply a Circular Design Thinking to tackle sustainability issues?

- Indeed, it is estimated that in many cases 80% of the costs & impacts of a product or service are defined at the design stage. The earlier we can integrate circular, eco-friendly, and socially responsible solutions in the design phase, the ○

more we can mitigate negative impacts and do better with less. Join us for a hands-on, interactive and fun Circular Design Thinking Workshop!

*This workshop is in collaboration with Joumana Ibrahim.*

*Click [here](#) for the full seminar details.*

## *Pricing*

### **Regular fees**

- \* For Employed / Self-Employed: 675,000LL or \$450 USD
- \* For Students / Unemployed / Local NGOs: 450,000LL or \$300 USD

### **Current fees with a 15% Discount**

- \* For Employed / Self-Employed: 575,000LL or \$385 USD
- \* For Students / Unemployed / Local NGOs: 385,000LL or \$255 USD

*In support to the current Lebanese crisis, 10% of the webinar revenues will be collected and donated to BEDCO-Bebel Dahab- a construction and rehabilitation social initiative to empower Tripoli's marginalised youth, powered by the NGO MARCH. BEDCO is currently assisting in the reconstruction efforts of Beirut.*

*Please let us know should you wish to add a personal donation to BEDCO.*

### **Scholarships**

We know that the current situation may be very hard for some of you, we are thus offering up to **5 free registrations** provided we have enough participants to run the course. If you really can't afford our fees right now but still want to take part, please reach out via email with a short explanation of why this Certificate and its qualifications is important for you. We will allocate the free registrations on a first-come first-serve basis.

## *Registration & Practical Info*

- \* All Circular Hub seminars will be hosted **Online** through Microsoft Teams; we will provide you gradually with login instructions prior to each seminar.
- \* Payment options are by Cash, Check, Bank Transfer or OMT; further details will be given upon registration.
- \* To book or for more information, please contact EcoConsulting at [rouba@ecoconsulting.net](mailto:rouba@ecoconsulting.net) or via WhatsApp or call at +961 79 123 523.

Follow us on Facebook, Insta & LinkedIn (by clicking all the below Icons) to receive up-to-date information about all our events.

Thank you for spreading the word about the Circular Hub to anyone who may be interested around you!





**Beirut, Lebanon**  
Nahas Building 4th Floor  
Georges Haddad Avenue  
2028 5806 Saifi Village

**London, United Kingdom**  
17 Seagrave Road  
London  
SW6 1RP

 **EcoConsulting**  
[ecoconsulting.net](http://ecoconsulting.net)  
 **thecircularhub**  
[circularhub.net](http://circularhub.net)

**+961 (0) 1 971 266 | [info@ecoconsulting.net](mailto:info@ecoconsulting.net)**  
EcoConsulting SAL is registered in Lebanon  
under Trade Register No. 1018179;  
Company VAT No. 2946060 - 601

**[info@ecoconsulting.net](mailto:info@ecoconsulting.net)**  
EcoConsulting (UK) Ltd. is registered in  
England&Wales: Company No. 4967479  
VAT Registration No. 832447040