

DIGITAL COURSE

“URBAN SOLUTIONS” COURSE

Nature-based Solutions to Climate
Change in Urban Territories.

NOVEMBER 24 - DECEMBER 15 (2021)

[APPLY HERE](#)

*Selected applicants will receive an email
by 18th of November*



This course is totally free for EPOS students & alumni



PROGRAM

The seminar introduces the participants to nature-based solutions for developing projects and strategies in urban areas. Through the analysis of case studies, they will learn to identify challenges and opportunities in different areas around the world, recognize the importance of a sound urban sustainability strategy, and develop capacity for the development of urban nature-based solutions.

It will take place on **Teachable**, an online platform (LMS), and **Zoom**. Participants will go through one introduction module and six content modules.

The training will be developed through the **case studies analysis and/or project-based learning methodology** (depending on each working group) since at the beginning of the training, working groups will be created and assigned a case study or project with the objective of applying what they have learnt during the week.

Methodology

The participants will need to dedicate a total of four hours and a half per week, two committed to asynchronous work in the digital platform and the other two to participate in the virtual calls that will take place on Wednesday afternoons. During these calls, the participants will have a chance to meet with experts in the topics, discuss some of the material received during the week, and develop different activities to encourage the network within the participants.

Requirements to obtain the certificate

- Attend at least 2 of the 3 group calls. There will be one call each week and its length will be 2 hours.
- Participate in the weekly activities that will be found in Teachable at the end of the contents of each module.
- Deliver all the deliverables.

AGENDA

	DAYS	HOURS
Preparatory week	24-30 November	Dedicate 2 hours of getting acquainted with the learning platform & methodology
1st Module	24 November - 1 December	Dedicate 2 hours of self-paced learning
2nd Module	24 November - 1 December	Dedicate 2 hours of self-paced learning
1st Online Session	1. December	16:00 - 18:00 CET
3rd Module	2 - 8 December	Dedicate 2 hours of self-paced learning
4th Module	2 - 8 December	Dedicate 2 hours of self-paced learning
2nd Online Session	8. December	16:00 - 18:00 CET
5th Module	9 - 15 December	Dedicate 2 hours of self-paced learning
6th Module	9 - 15 December	Dedicate 2 hours of self-paced learning
3rd Online Session	15. December	16:00 - 18:00 CET



CONTENT

Module 1: The path towards regenerative cities / (Nov 24 - Dec 1)

The objective of the first module is to understand the current ecological, social, and environmental issues within the urban context to work on the critical importance of sustainable urban planning.

Contents:

- Urban risks and impacts of global climate
- Social and environmental pressing issues
- Definition of urban ecosystem and sustainability
- Theory of change and definition of the logical framework
- Systemic change and elaboration of a system map

Module 2: Nature-based Solutions in Urban Planning / (Nov 24 - Dec 1)

This module discusses how to incorporate NbS into urban planning and how to assess the concepts, actors and strategies involved in order to develop more resilient cities and achieve the sustainable development goals.

Contents:

- Sustainable Development Goals and main challenges in urban planning
- International treaties, NGOs, and local levels actors and strategies
- Importance of Nature-based Solutions (NbS) in urban planning
- Examples of NbS in the Global North and South

1st Live Session | Wednesday 01/12/2021 16:00 - 18:00 (CET)



CONTENT

Module 3: Policies for implementing nature-based solutions to climate change in cities / (Dec 2 - 8)

This module provides a deeper understanding of nature-based solutions to urban climate challenges and introduces the participants into policy, legal and financial frameworks and development strategies.

Contents:

- Nature-based Solutions and Green Infrastructure
- Policy frameworks
- Legal and financial frameworks and approaches
- Development of strategies through case studies

Module 4: Ecosystem-based adaptation and climate justice / (Dec 2 - 8)

This module discusses urban Ecosystem-based Adaptation (EbA), linking it to the landscape approach and its benefits, as well as the concept of climate justice. Moreover, it provides practical examples from the Global South

Contents:

- Definition of Ecosystem-based Adaptation (EbA)
- Landscape approach for successful implementation of urban EbA initiatives
- Climate justice and links to EbA Social Principles
- Practical urban EbA examples from the Global South

2nd Live Session | Wednesday 08/12/2021 16:00 - 18:00 (CET)



CONTENT

Module 5: Project planning and solutions fundraising strategies / (Dec 9 -15)

This module explains and analyses different financing mechanisms for sustainable urban projects. Additionally, it guides participants on how to look for monetary resources and design a brief action plan.

Contents:

- Sustainable Finance and investment strategies linked to NbS
- Assessment of financing mechanisms (characteristics, advantages, and disadvantages)
- How to design an action plan (fundraising strategies, communication strategy, pitch deck, etc)

Module 6: Final strategies and possible scenarios presentations / (Dec 9 -15)

The groups deliver their final presentations, explaining their proposed strategies for two different scenarios of the case/project they worked on during the course and possible outcomes.

Contents:

- Strategy Plan
- Proposed Scenarios (two different possible pathways and outcomes)

3rd Live Session | Wednesday 15/12/2021 16:00 - 18:00 (CET)