



3rd PAGE Green Industry Summer School 2024



July 30-31 and August 1 - 2, 2024





Background

Industry is a key driver for global climate action, economic growth, and job creation. CO₂ emissions from energy combustion and industrial processes accounted for nearly 89% of energy sector greenhouse gas emissions in 2021¹. At the same time, by 2030, businesses have the potential to reduce their greenhouse gas emissions globally by 3.7bn metric tons of CO₂ equivalent per year or 60% of the total emission cuts pledged in the Paris Agreement through NDCs (Nationally determined contributions)² which is of an urgent priority and an emerging need for countries in the space of economic transformation. As such, the manufacturing industry must accept its profound responsibility to reduce greenhouse gas emissions. In practice, success will depend, for the most part, on how quickly industries can transition from "brown to green" by phasing out carbon-intensive production.

Moreover, producing and consuming in a linear fashion is responsible for 45% of total GHG³. A circular economy model can play a transformative role in avoiding emissions, overcoming resource scarcity, enhancing economic competitiveness, and creating employment. However, the adoption and implementation rate of circular economy policies and principles, especially in developing countries, remains slow. Research conducted on 26,783 companies from 49 countries and 10 sectors from 2014 to 2019 found that only 26% of firms have implemented a circular economy initiative⁴ within their business practices.

In addition, well-designed policies can facilitate substantial changes at the macroeconomic and sectoral levels, where industries must prioritize sustainable practices, technological advancement, and inclusive growth. , The circular economy business model and corresponding policies are critical for the creation of low-carbon industrial transformation and hold immense potential for macroeconomic change. Within this context, the **3rd PAGE Green Industry Summer School** will address key questions of how the circular economy approach can be used as a powerful tool for systemic transformation as well as a cost-effective approach to tackling the triple planetary crisis. UNIDO will deliver the course in cooperation with the UN PAGE agencies of UNDP, UNEP, ILO, and UNITAR.

¹ <https://www.iea.org/reports/global-energy-review-co2-emissions-in-2021-2>

² <https://unfccc.int/news/business-is-key-driver-of-global-climate-action>

³ <https://www.unido.org/api/opentext/documents/download/29151440/unido-file-29151440>

⁴ <https://www.sciencedirect.com/science/article/pii/S030147972101361X>



Course objectives

The course is designed to equip policymakers and policy professionals working in the industry space with the latest knowledge, tools, and skills on circular economy. More specifically, the course aims to:

- Provide a comprehensive overview of the principles and concept of circular economy in the context of sustainable industrial development.
- Explore existing policy frameworks, identify gaps, and discuss policy actions needed in strengthening a circular transition.
- Introduce various circular business models, explore policy measures needed for different models, and discuss best practice cases.
- Showcase cutting-edge technologies for circular transition, their financial viability, and their implications on the creation of green jobs.
- Provide participants with an opportunity to share their success stories on circular transition from which others can benefit.

Course structure

Part 1 Self-paced Online Course on Green Industrial Policy: Sustainable Economic Transformation and Competitiveness: The selected participants will receive an email to complete the online self-paced certificate course on Green Industrial Policy developed by UNIDO, UNEP, in cooperation with UNITAR under PAGE. This course has five modules comprising video lectures, reading materials, factsheets, and assessment exercises to be completed to obtain the certificate. Completing this online course serves to ensure that participants of the Part 2 training session are acquainted with the subject matter and have a common understanding of the terminology and concepts of Green Industry.

Deadline to complete the self-paced online course: 15 May to 30 June 2024

Part 2 in-person Course on Green Industry: The course runs over 4 consecutive days, from July 30-31 and August 1-2, 2024. Sessions will be organized in person, and additional course materials will be provided on the course webpage. Upon successful completion, participants will be awarded a certificate.

Advanced in-person course: July 30-31 and August 1 & 2, 2024



What topics will this course cover?

- Circular business models, circular design, sustainable supply chain
- Innovation, technology, and Industry 5.0 for circular economy
- Green jobs and just transitions
- Circular economy financing and investment
- Skills and capacities for circular transition
- Tour to an industrial site in Austria

Eligibility criteria for applicants

1. Target audience:

The summer school is expected to bring together 30 mid-level professionals and policymakers engaged in the green industry landscape. In particular:

- Policymakers and public officials engaged in green industrial policy areas.
- Members of education and training institutes, including university faculties, Ph.D. students, researchers, and trainers from public or private training institutes.
- Members of NGOs, SMEs, and industries working on green industry applications.

2. Pre-requisites for joining the summer school program

- Completion of the self-paced online certificate course on Green Industrial Policy. Obtaining a certificate from the self-paced course will be a key criterion for joining part 2 of the summer school.
- Fulfill all travel requirements.

3. Language requirements

- The language of instruction is English. All applicants must demonstrate a strong command of spoken and written English to be able to participate actively in discussions at workshops.

How to apply

Interested candidates are invited to submit their application to UNIDO using the online application form.

Below is the **list of documents you need** for submission of applications:

1. **Completed online Application Form**
2. **Full Curriculum Vitae or Resume**



3. Please upload your Curriculum Vitae or Resume

4. Statement of Purpose (max. 500 words)

In the Statement of Purpose, please describe how the course is relevant to your teaching, research, or professional work and in what way you expect to benefit from it and benefit the institution/s you are related with. Please list relevant courses/training in the field you have previously taken during your studies or professional work corresponding to circular economy, green industry, and related concepts.

Please provide the name, contact email, and phone number of a person (a faculty member, job supervisor, etc.) who can be contacted by the course directors to attest to your abilities, qualifications, and academic or professional performance.

5. Essay Submission (max. 1000 words)

A maximum 1000-word essay on the topic of "Transforming Industry: The Role of Circular Economy in Driving Sustainable Industrial Development "must also be submitted. Elaborate your essay topic discussion within the context of a developing country. This essay is one of the key parameters in identifying successful participants for the summer school.

6. Completion of the online self-paced certificate course on Green Industrial Policy

Upon selection of the applicants, participants will receive a link to where they can complete the self-paced certificate course on Green Industrial Policy.

Attachments

You can upload further documents in support of your application:

- Academic or work documents/certificates that you consider relevant to strengthening your application.

All documents should be merged into a single PDF file not exceeding 2 MB in size. No passwords and encryption are allowed.

Course Fee and Financial Aid

Participation in the course is free of charge to 30 participants from developing countries.

Financial aid: the financial aid will cover tuition fees, a lump sum of daily subsistence allowance to cover accommodation, food and local transportation, a round-trip air ticket, and health insurance for the period.

Participant's own contribution: consular or visa-related expenses.



Each application will be reviewed against the required eligibility. Successful candidates will be notified via email before mid-May 2024.

Participants are NOT eligible to receive financial aid if they have attended a previous UNIDO Green Industry Summer School within the past four-year period.

Contacts

For further information, please contact:

Ozunimi Iti, Division of Circular Economy and Chemical Management, [Email](#)

Veronica Villacis, Division of Circular Economy and Chemical Management, [Email](#)

Abu Saieed, Division of Circular Economy and Chemical Management, [Email](#)

Course summary information

Place	Vienna, Austria
Key Dates	<ul style="list-style-type: none"> ○ Deadline for application: 8 May 2024. ○ Announcement of scholarship awardee: 15 May 2024 ○ Deadline to complete self-paced course (Part 1): 30 June, 2024 ○ Advanced in-person course (Part 2): July 30-31 and August 1-2, 2024
Participants	Participation in the course is free of charge to 30 participants from developing countries
Language	English
Certificate	Upon completion, participants will be awarded a certificate of attendance.