



ONLINE

GREEN JOBS

# GREEN CONSTRUCTION

## BUILDING THE FUTURE WITH SUSTAINABLE JOBS

20 JUNE – 8 JULY 2022

 30 HOURS

*Information Note*



International  
Labour  
Organization



WORLD  
GREEN  
BUILDING  
COUNCIL



International Training Centre

# INTRODUCTION

Buildings in general and residential buildings in particular account for a large proportion of global energy and resource use as well as emissions. Negative impacts result from sourcing and processing of construction material as well as from the construction process and building operation itself. Against this backdrop, **green and sustainable building practices are a critical piece in the global response to climate change and the protection of the natural environment.** Considering the growing population and urbanisation rates in many parts of the world, urgent action is needed reduce negative impacts and harness the opportunities arising from more sustainable and resource-efficient building practices.

Meanwhile, changes in the design, construction or operation of buildings to reduce or eliminate negative impacts on the environment can create **positive impacts on employment.** They can also contribute to **improving the working conditions for construction workers and the quality of life for residents.** Positive effects can extend to the entire local economy inter alia due to the sector's reliance on local value chains, small and medium sized enterprises and the availability of local technologies and building materials.

Besides new construction, energy efficient building renovations can be a **key driver of a fair and sustainable development path and for economic recovery.** Building retrofits in fact make up the largest part of today's recovery spending. The International Energy Agency estimates that buildings efficiency retrofit and the construction of efficient buildings can each generate up to 15 jobs per 1 million US-Dollar invested.

If managed well, greening the building and construction sector can thus be part of a wider strategy towards the **creation of green and decent jobs through the promotion of low carbon, climate resilient and resource-efficient growth.**

Drawing on the experience of the ILO and key partners this training course will provide participants with a structured approach to **identify, understand and apply the various elements in green construction that are particularly linked to employment and to the world of work** in a broader sense.

The course provides participants with the basic **concepts and the interlinkages between green construction and decent work.** Furthermore, it allows participants to learn from concrete experiences and case studies enabling them to **understand, develop and shape enabling national/ sectoral strategies and approaches** for employment creation through sustainable and greener building practices. It will allow participants to actively contribute and steer the discussion about green construction in their local context.

## COURSE OBJECTIVES

The objective of this course is to provide participants with the key elements of a conceptual framework for the **promotion of more and better jobs for inclusive green growth in the building construction sector**. They will acquire both the tools and the technical knowledge to be able to initiate and implement change processes at institutional and policy level.

At the end of the course, participants will be able to:

- **Apply the basic concepts** of green building and construction including design, building materials and technologies in conjunction with the social, environmental and economic dimensions of green building and construction
- **Identify key elements** of relevant policy and regulatory frameworks such as green building codes, certification, fiscal measures and incentive schemes, labour regulations and the business environment at large
- **Identify and distinguish the roles and responsibilities** of key stakeholders from government, the private sector, and employers' and workers' organizations to shape a conducive environment for the creation of decent jobs in green construction
- **Analyse framework conditions to develop and implement policies and strategies** in the area of
  - Technical and vocational education and training / skills for green construction
  - Green entrepreneurship and private sector development along the green building and construction value chain
  - Occupational safety and health in green building construction
  - Green building certification and fiscal incentives
  - Network building and advocacy for green construction
  - Access to finance for green construction
  - Social and employment impacts of green building and construction measures.

## COURSE STRUCTURE AND METHODOLOGY

The e-learning course will run over a period of **3 weeks**. Throughout the entire course duration participants will have **access to the ITCILO's e-campus** and **self-guided e-learning modules** with interactive learning activities and case studies, background reading material and key information on the course.

**Each week 2 interactive, live online sessions** will be delivered by ITCILO trainers. The online sessions offer the opportunity to learn and exchange with sector experts and professionals from international organizations, research institutions as well as governmental and non-governmental organizations on the various course topics. Recordings of the session will be available on the e-campus.

During the sessions, participants will also have the possibility to further their skills in **interactive group learning exercises**. The course will close with a **final assignment** that will enable participants to apply their newly acquired knowledge and put it into action.

## WHO ATTENDS THE COURSE?

The course is particularly tailored to:

- Representatives of **local government and municipalities as well as government ministries and agencies** (e.g. Labour, Finance, TVET, Economy, Housing, Urban Planning) at regional and national level;
- **Employers' and workers' associations** at all stages of the building and construction value chain;
- **Private enterprises and business leaders** in the sector;
- **Development agencies**;
- Professionals from universities and **civil society organizations**.

## WHY SHOULD I JOIN?

This course will enable participants to understand the **labour and economic aspects related to green building** and construction in their respective countries and communities.

Participants will thus be **prepared to actively shape a key sector of the transition to a greener, job-rich and socially just economy**.

The course will allow participants to become **leaders on harnessing the emerging opportunities** and will enhance their professional profile by acquiring new skills with an increasing demand in the future.

## PRACTICAL INFORMATION

The course will be conducted in **English** and it will be held fully online.

After successfully completing all required activities, participants obtain an official ITCILO **Certificate of Participation** in Digital Credentials Format.

The tuition fee for this course is **990 Euros**.

## HOW TO APPLY?

If you wish to participate in this course, please fill in the online application form available here: <https://oarf2.itcilo.org/DST/A9715157/en>

Applications must be received no later than **10 June 2022**.

If the participation is sponsored by an institution, the application should be accompanied by a letter from the sponsoring organization.

## WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

## INFO

### FOR FURTHER INFORMATION PLEASE CONTACT

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