ESDGs!

ESDGs!

Manual for teacher

This manual is intended for allowing ESDGs! learning materials to be received and more easily used by teachers and instructors outside the original ESDGs! consortium

Introduction

MOOC stands for Massive Open Online Course. ESDGs! MOOC is an online course that is designed to provide open access to educational content and promote interactive participation from students to learn sustainable development goals. In general, MOOCs have gained popularity as a form of distance learning and are now used by universities, corporations, and other organizations to deliver online education to large numbers of learners.

The ESDGs! MOOC has been created by an international consortium of European universities funded by the European Commission.

This guide is intended for educators to apply ESDGs! MOOC to promote sustainable development goals related learning. In practice, the educators have two main alternatives to applying ESDGs! MOOC to promote sustainabitity related learning.

1) Apply ESDGs! MOOC learning materials as a standalone learning environment to support sustainable development goals related learning OR

2) Adapt part of the ESDGs! MOOC learning materials with other course materials.

Instructions for applying ESDGs! MOOC as an independent course

The ESDGS! MOOC consists of 18 complementary modules. These modules are listed under the topic List of learning modules at the end of this document.

Registration to the platform

The ESDGs! MOOC can be found on the website https://esdgs.erasmus.site

From the upper right hand corner you can select the language version.

The MOOC contents can be reached by clicking resources tab on the top of the website.

Choose the Open Course icon and you will see the registration window:

If you are a new user, click on 'Register' to provide some basic information afterwards:

- Username
- Email
- Name
- Surname
- Gender
- Country
- Occupation

The above information will be subject to review through the 'Profile' section.

Because of the collection of sensitive data, users will be asked to read and accept the privacy policy before finalizing the registration process.

Therefore, before you continue, you should acknowledge the ESDGs! Privacy Policy by ticking the box 'I agree to the ESDGs! Privacy Policy' and only then registration confirmation will be sent to the provided email.

If you don't receive a registration email, please check your junk mail (spam) folder. The email is a confirmation that your account has been successfully created.

Logging in to the platform

If you already have an account, you can log in to the online tool by entering your username and password and clicking 'Log in'.

ESDGs! MOOC is intended only for self-learning. This means that educators are not able to access the learner's records. This means for example, that there is no student group reporting available.

Self-assessment

This self-assessment includes single-choice questions. There are be 2 questions per module, 36 questions in total, each time you attempt the quiz. The questions you see are randomly selected from the pool of all module questions.

The results will be a recommended training path for the learner, the training modules to continue to complete your possible knowledge gaps in the topics of the ESDGs! training programme. This can be used as a guide on which modules to concentrate during self-paced learning.

Post-study quiz

At the end of each module, the learner will be able to evaluate the knowledge learnt through the module. Questions are single-choice. Each module includes 15 questions per module. The quiz indicates the right answers, and learners can attempt multiple times.

Progress bar

A progress bar indicates the number of completed modules by the learner.

Certificate

Learners will be granted a certificate for their learning.

However, there are two conditions for granting the certificate:

-18 modules completed minimum

-65% correct answers from the final assessment

The certificate will contain the name and surname of the learner entered at registration (or updated in the 'Profile' section). It will be available to download witht the date of successful completion of the ESDGS! MOOC.

The certificate will include information about the training completed and the programme covered.

Instructions for adapting ESDGs! MOOC materials with other learning materials

The effective integration of available materials from MOOCs into regular classroom instruction is a viable alternative to traditional lectures. While integrating MOOC materials into classroom teaching, a teacher must clarify the topics to be included. Also, it is essential to define how to teach the students and engage with the materials. Here are some tips that can help teachers implement the ESDGs! MOOC on a course and other educational materials.

Carefully determine the topics you want to include in your course

Before you even start looking for ESDGs! MOOC content, it is essential to have a clear view of what you are looking for. It is important to define the scope in detail. Here are some questions that could help:

- What are the topics that you lack in your teaching and which you want to supplement with outside resources?

- What kind of online activities do you envision your students to do?

- Is it more focused on reading materials or watching videos, or do you want your students to self-explore resources, discuss, and collaborate with peers?

For this, create a short and detailed description of the integration of learning materials you want to establish.

Choose how you want to utilize the online learning materials

Choose how you want to utilize the online resources. Besides the MOOC course, please be aware of also additional learning materials on ESDGs! website. These can be applied independently or along with MOOC content.

Decide how you plan to include the ESDGs! MOOC content in your classroom course. The most straightforward approach to incorporating little pieces of the online course into your in-person instruction is to read extra readings from individual learning modules. In this case, the student enters the ESDGs! MOOC to study one specific topic or module. One or more classroom teaching sessions can be replaced with specialized MOOC modules for a more intense usage of a ESDGs! MOOC.

It is critical to carefully consider the integration model since it dictates the type of resources you will need to choose later on and how to integrate them into instructional activities in the classroom. Moreover, keep in mind that in situations when completion of a learning module is required rather than optional, students appear to be more engaged with the online materials and discussions for a particular course.

It is often essential to measure the learning-related progress of students. Educators can select and apply some questions from the offline modules to measure the knowledge before and after going through the learning materials.

Ensure that the course objectives, the learning activities, and the evaluation criteria are aligned

While integrating ESDGs! MOOC's learning modules in class, there is sometimes a challenge to develop a holistic overview which integrates learning objectives and aligns them with learning materials and assesses students' performance. Therefore this alignment is essential, and additional focus should be put to ensure that.

You should create a plan to coordinate the learning objectives, instructional strategies, and assessment criteria. It is probably simpler and more effective to provide feedback outside of the ESDGs! MOOC while meeting students in the class. On the other hand, the quizzes included in the ESDGs! MOOC modules are a good alternative for students to receive feedback on their learning.

Provide students with precise directions on how to sign up for the ESDGs! MOOC

You must explain to your students how to access the ESDGs! MOOC or its content if it is included in your course as well as the rationale why it is being applied as a learning material. So that students can enter the MOOC, you must explicitly communicate the website address.

Instruct students on utilizing ESDGs! MOOC, its learning modules and other resources.

If your student group's size allows, it might be advantageous to speed up the familiarization process by hosting the first session in person in a computer lab or during an online virtual meeting to demonstrate to students how to browse the contents of ESDGs! MOOC.

In addition to ESDGs! MOOC there are various approaches you can take when teaching SDGs to students:

Start by defining sustainable development, outlining social and environmental concerns, and describing how they connect to the SDGs. Examples might be used to clarify these ideas and demonstrate to students how they connect to other nations and locations.

Show students how the SDGs are being implemented in practice and the difficulties and successes that have been encountered by using case studies or real-world examples.

Encourage your students to research and review the SDGs in other countries and regions. Students may better understand how the objectives are being carried out, as well as the difficulties and achievements experienced.

Talk about how organizations, companies, and people can contribute to advancing sustainable development and resolving social and environmental challenges.

Think about involving students in initiatives or tasks that advance sustainable development.

List of ESDGs! e-learning modules
MODULE 1 Sustainable development, introduction to sustainability, sustainability as an opportunity in entrepreneurship
MODULE 2 Introduction to SDGs, 4 pillars of SDGs: governance, people, planet and prosperity
MODULE 3 SDGs governance
MODULE 4 SDGs people
MODULE 5 SDGs planet
MODULE 6 SDGs prosperity
MODULE 7 Related concepts
MODULE 8 Social entrepreneurship in details
MODULE 9 Circular economy in details
MODULE 10 Sharing economy
MODULE 11 Managing Sustainable Approach (SDG Compass)
MODULE 12 Management of Sustainability – Step 1 and 2
MODULE 13 Management of sustainability in details - step 3 and 4: Setting goals and Integrating
MODULE 14 Management of sustainability in details - step 5: Reporting and communication
MODULE 15 Sustainability as Business Opportunity
MODULE 16 Sustainable Business Model Innovation
MODULE 17 Sustainable Business Model Canvas
MODULE 18 Sustainable investment