

EDUCATION FOR SUSTAINABLE LIVING



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OID: E10201112

Advanced Institute for Skills Development

COURSE DESCRIPTION

New methods of thinking and behaving are required to address today's global concerns. The process of social awareness and transformation, as well as the paradigm shifts required for sustainable living, can all be significantly aided by education.

To achieve this, it is necessary to increase education and teachers' contribution to the development of stronger, fairer, more sustainable, and more peaceful societies.

Education for sustainability is driven by a broad understanding of education and learning that includes people of all ages, backgrounds and at all stages of life. It takes place within all possible learning spaces, formal and informal, in schools, workplaces, homes and communities.

Course Objectives

This course aims to increase teachers' knowledge of sustainable development concerns and their capacity to apply sustainability objectives and principles to their classroom activities and lesson plans. By integrating Education for Sustainable Development into classrooms, subject curricula, and schools, this course intends to help participants contribute to the implementation of Sustainable Development Goals.

COURSE INFORMATION

Learning Outcomes

- Clarify concepts of sustainability, sustainable lifestyles and responsible consumption;
- Understand the principles and objectives of education for sustainable development;
- Strengthen educators' capacities and skills to integrate the values of sustainability in their areas;
- Inspire educators to contribute to building more coherent, harmonious, and sustainable societies;
- Promote the exchange of practices between educators from different contexts and regions;
- Explore methodological and pedagogical tools that promote a new awareness of our relationship with the environment and sustainable lifestyles;
- Discuss the benefits of an active learning approach to encourage students to solve problems, formulate complex questions, debate, explain and brainstorm during class;
- Empower educators to create practical & meaningful experiences;
- Promote intercultural awareness;
- Transfer and share core values, experiences and effective teaching practices with other teachers and colleagues;
- Improve technical and English language, communication and social skills.

DAILY PROGRAM

Our courses also include a daily **Coffee Break & Social Program Activities**

DAY 1 / 18h30

- Welcome dinner, icebreaking
- Meet & greet, networking - participants and staff
- Week briefing & planning

DAY 2 / 8h30-13h30

- Introduction and presentation of the course structure.
- Biodiversity, Ecology, Environment and Sustainability.
- **Depletion of natural resources.** Environmental crisis and species extinction.
- Natural risks versus “ecological catastrophes”. The “Tragedy of the Commons”. The science of Climate Change. Risk society.
- **Sustainable Development Goals.** Bringing nature back into our lives. The European Green Deal. Right to Repair Directive: new measures to promote and facilitate repair and reuse of goods.
- The case study of Madeira Island: geography, climate, geomorphology and hydrology.

DAY 3 / 8h30-13h30

- **Madeira Island:** vegetation, human occupation and rural landscape. The iconic Macaronesian Laurel forest; Proposed nomination of Levadas of Madeira Island to world heritage (multifunctionality, sustainability and technological characteristics).
- Exploring sustainability topics and reflecting on how they relate to personal lifestyles.
- Group Discussion on Sustainable Development:
- **Creating Sustainable Cities;** Urban mobility and cycling; Sustainable Transport; Why cities need trees?
- What is sustainable tourism? What is Ecotourism?
- **Environmental crisis.** What should be our role on earth?
- Climate Change. Climate action. Citizens' perspectives. Why public engagement?
- Natural hazards. **Disaster Management for Sustainable Development?** Why Disaster & Risk Management are Vital for Sustainable Development Goals ?
- Other topics of interest to students.

DAY 5 / 8h30-13h30

- Field trip between Pico das Pedras and Queimadas in Santana, to get to know the Laurissilva Forest (4 km).

DAY 4 / 8h30-13h30

- The rapid growth in the number of cities on the Planet. Impacts of urban heat island effect. Urban atmospheric pollution. Heatwaves, a serious threat to public health. How will European cities adapt to new climate conditions?
- **Creating Sustainable Cities;** Urban mobility and cycling; Sustainable Transport; Why cities need trees? The connection between infrastructure, the environment and urban development. The fundamental ecological support for designing the territories of the future. Green areas, wetlands, water features, ecological corridors. Vegetation on a building scale and urban gardening examples.
- **Urban climate** walk between the hotel and Funchal city centre. How does the mountain and the sea influence the city's climate? Thermal comfort in outdoor spaces. The effects of car pollution. The role of green spaces and water bodies in improving the urban climate. Funchal city, a territory very susceptible to a mixture of hydro-geomorphological complex processes. The Urban Climatic Map: A Methodology for Sustainable Urban Planning.

DAY 6 / 8h30-13h30

- Sustainable tourism. The relationship between tourism and environment. Interactions between tourism and climate change. Madeira's tourism, sustainability management policy.
- Supporting biodiversity education in schools.
- Presentation and discussion of group work.
- Course roundup & review
- Learning outcomes' validation
- Certification Ceremony

OTHER DETAILS

Certification: Certificate of Attendance + description of the previous learning outcomes; Europass validation

(Our courses are eligible to be completely funded by the new Erasmus+ program 2021-2027 - KA1 funds and several other programs)

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