Sustainable Computing Startup: Green Computing

Description

This course aims to provide general ICT users with the knowledge and tools to fight against climate change and addressing digital transformation through development of digital readiness, resilience, and capacity. Specifically, the course has the main objective of awareness-raising of digital pollution. In contrast to physical and visible pollution, on which much remains to be done but where we are making progress at an increasing pace, digital pollution is virtually invisible. It is not visible to the naked eye and, moreover, there are very few news items about it. The main aim of the course is to raise awareness of the environmental impact of excessive data consumption and propose simple and accessible measures to reduce it.

This course is based on the eBook result of the efforts of the European project "GreenCo-GREEN Computing App and MOOC for awareness-raising on digital pollution". The contents of this course are licensed under Creative Commons License Creative Commons licence.
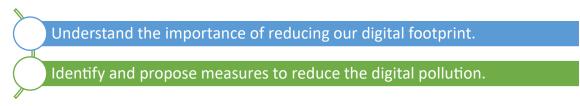
Prerequisites

None

Contents

Energy Consumption	E-Waste Recycling	Initiatives and legislation

Expected learning outcomes

At the end of the course the students will be able to:

- Understand the importance of reducing our digital footprint.
- Identify and propose measures to reduce the digital pollution.

Specifically, the on-site outcome will be to show the knowledge learnt by raising awareness among their classmates about reducing their digital footprint through practical measures applicable to their daily lives. To do so, students may choose to present a paper, create a video and disseminate it on social media during their stay, or any method of their choice to meet the objective of raising awareness about digital pollution.