

Updated 06/12/2024

Sign up

Green IT 2.0 training: Ecodesign

digital responsibility training + certification preparation (included)

2.5 days (17h30)

PRESENTATION

Green IT is an eco-concept whose aim is to reduce the ecological impact of digital technology.

Digital technology has significant ecological impacts, such as pollution, greenhouse gas emissions, toxic waste production and so on. To reduce these digital ecological impacts, you need to apply eco-design strategies to your business projects.

The job market for "green IT" professionals is growing worldwide. Mastery of this field is imperative in the professional digital world. In view of the challenges facing governments, reducing energy consumption and greenhouse gas emissions have become essential issues.

Our Green IT 2.0 Ecodesign training course will teach you the methodology and fundamental tools of digital service eco-design. This course will introduce you to the implementation of Green IT strategies and digital sobriety. At the end of this course, you'll be able to implement a Green IT strategy to make your digital projects greener and more respectful of privacy (RGPD).

In addition, during this course we'll teach you all the best practices to prepare you perfectly for digital service eco-design certification.

OBJECTIVES

- Understand the eco-design approach to digital services through the eco-design of a website, and know how to situate it in relation to broader approaches to responsible digital service design and Green IT.

- Master the fundamental concepts of eco-design and know how to apply them to the digital sector, particularly digital services.
- Master the methodology and tools needed to eco-design a digital service
- Assess the environmental performance and maturity of a digital service

TARGET AUDIENCE

All audiences

Prerequisites

- Previous involvement in website or application design projects

Green IT 2.0 training program

Half-day of training preparation

- Reading the training documents referenced in the invitation
- Getting to grips with the tools listed in the invitation

State of the art in eco-design of digital services

- From sustainable development to eco-design of digital services
 - Understanding the challenges of sustainable development as applied to digital technology
 - Assess the potential of eco-design to reduce the associated ecological footprint
 - Discover the fundamental principles of equipment eco-design
- Ecodesign of digital services
 - Understanding the eco-design of digital services (definition, scope, limits, etc.)
 - Master the general principles of eco-design for digital services
- Feedback

The tools

- The project approach
- Best practice guidelines
- Assessment tools
- Priority best practices
 - Expression of need
 - Graphic and technical design
 - Development / programming
 - Roll-out / production start-up
 - End of life

Analysis workshop

- The trainer and participants select a digital service to study. The trainer accelerates the project to help participants put the approach into practice, understand the sequence of steps, and use the tools.

Group analysis

- Participants redesign a digital service of their choice on their own.

Returns and certification

- Feedback: Participants report the results of their analyses to the trainer, who plays the role of client. The trainer identifies what has been learned and where further progress is needed.
- Certification: Passage of the "ecodesign of digital services" certification developed by GreenIT.fr carried by GreenIT.fr and operated by a third-party certifier the Evalbox platform, which meets Education standards

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire is used to check correct acquisition.

skills.

Sanction

A certificate will be issued to each trainee who completes the course.