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ENCODE-IT PROJECT

NEWSLETTER



Empowering Women through Knowledge and Skills on Coding for Employment Opportunities in Information Technology Sector

A new chapter in digital empowerment begins with ENCODE-IT which is an Erasmus+ project designed to give low-skilled women the tools they need to enter and thrive in the digital world. Through coding, connection and community, we're turning barriers into opportunities.

The main aim of the ENCODE-IT project is to empower low-skilled women by equipping them with coding and digital literacy skills, enabling their inclusion in the digital economy and improving their access to employment opportunities in the IT sector.

Brought to life by APPIS, IGEA and SDSN, ENCODE-IT is a partnership rooted in social impact, equality, and innovation.

Stay tuned and be part of a Europe where digital skills are a right, not a privilege. ENCODE-IT, because the future is coded together. During these project period, ENCODE IT seeks to develop Interactive Coding Modules, Virtual Bootcamp and Hackathon.

Over 15 months, ENCODE-IT will support 60 women from Portugal, Türkiye, and Belgium, many of them unemployed, caregivers, migrants or survivors of social and economic hardship. They will learn coding from scratch through interactive learning modules, join a 4-month Virtual Bootcamp and collaborate with professionals in an International Hackathon to solve real-world challenges.

This isn't just about education, it's about unlocking potential, boosting confidence, and creating pathways to employment in the growing tech sector. Every lesson, every line of code, every connection made is a step toward inclusion.



INTERACTIVE CODING MODULES

This activity is where the learning journey begins. We will develop six interactive microlearning modules that introduce low-skilled women to the basics of coding, with a focus on Python. Designed to be simple, visual, and beginner-friendly, the modules will help participants overcome their fear of technology and build confidence. They will be available in multiple languages and accessible online and offline, allowing flexible learning for women with caregiving responsibilities, limited digital access or mobility restrictions. The content will be practical, inclusive and ready to use across different learning contexts.

Read more on our website at www.encode-it.eu



VIRTUAL BOOTCAMP

Another major output is the Virtual Bootcamp, a four-month online training program where 60 low-skilled women will not only gain hands-on experience but also receive guidance, mentorship, and peer support. This Bootcamp allows women to build confidence and apply their knowledge in a supportive environment tailored to their pace and needs.

The project will also deliver an International Hackathon, where participants and professionals will work together to solve real-world challenges related to digital inclusion and sustainability.

This output is not only a showcase of learning outcomes but also a powerful platform for creativity, teamwork, and cross-border collaboration.



INTERNATIONAL HACKATHON

We are preparing this comprehensive International Hackathon that will bring together participants from Türkiye, Portugal, and Belgium. This event will offer women many of whom are new to coding a chance to collaborate across borders, apply their newly gained skills and co-create digital solutions for social inclusion and sustainability.

The Hackathon will serve as the final step in their learning journey, transforming knowledge into real-world impact

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