

# conecta\_IA



*“Coding, data science and cybersecurity for better Jobs”*

With the Support of:



# Coding, data science and cybersecurity

- Development of two **introductory courses on cybersecurity** open to all citizens (NOOC format).
- Quarterly webinars (4) on **AI applications for employment, cybersecurity for vulnerable groups and introduction to coding.**
- **Campus:** courses (2) on addressing the gender perspective in ICT education and course (1) on cybersecurity in Digital Competence Centres and NGO's
- Continuation of **mentoring** processes **with Microsoft staff** in on site coding bootcamps.
- Participation in **international events/celebrations** for the promotion of programming: European Code Week; Ada Lovelance Day; Hour of Code; Mobile Week, International Girls in ICT Day, Internet Day, Safer Internet Day.

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# Basic digital literacy for employability

- Creation of a **self-assessment tool** for digitisation processes with organisations (DigitalizaciONG).
- Basic digital literacy for employability trainings through **Red Conecta, Red Conecta Migración, and Conecta Code (APS)**.
- Supporting organisations to train in **basic digital skills and** role-based **pathways** (Skills for Jobs Learning Pathway).
- **Updating** and promotion of own basic **digital literacy materials** with the integration of Microsoft Learn & Microsoft Education content.
- Holding an international **Digital Rights Forum**: <https://www.youtube.com/watch?v=G-f5RGQ48Uw>

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# Employability/up-skilling/re-skilling

- Promotion of the new **"Skills for Jobs Learning Pathway"**.
- Integration of our Campus of the [SC-900](#) itinerary (tutored)
- **"Meetings with experts"** Webinars only accessible with registration to approach
- **"Pathway to certification"**: to elaborate our own itinerary, a route that invites our participants to become certified based on **professional roles or profiles**:
  - Itinerary IC3 GS5 (students, 1st job, guaranteed income)
  - Itinerary MOS/MOE 2016/2019 (up-skilling, workplaces, entities)
  - Azure Fundamentals Itinerary (re-skilling, administrations, entities)
- Web Conecta\_IA, **new editions of the job-oriented coding courses**:
  - C1 - Introduction to programming and software design.
  - C2 - Programming with C#
  - **C3- Fundamentals of security, compliance and identity (NEW)**
  - C4 - SQL databases (MSSQL)
  - C5 - Backend Development with .NET Core
  - C6 - ASP.NET Frontend Development
  - C7 - Final .NET Project
  - C8 - AI with Python

# Innovative aspects

- Use of [LTI applications](#) for the integration of Microsoft Learn contents in the Esplai Foundation Campus.
- System of badges based on training itineraries within the Campus of the Esplai Foundation.
- Training pathways linked to the acquisition of digital competences based on DigComp 2.1.
- Certification headings based on DigComp 2.1. (IC3, MOS, Azure)
- Incorporation of mentoring and accompaniment processes in the training process
- Work on soft skills
- Collection and processing of project data through Power BI engines and new tracking models

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# Expected impacts

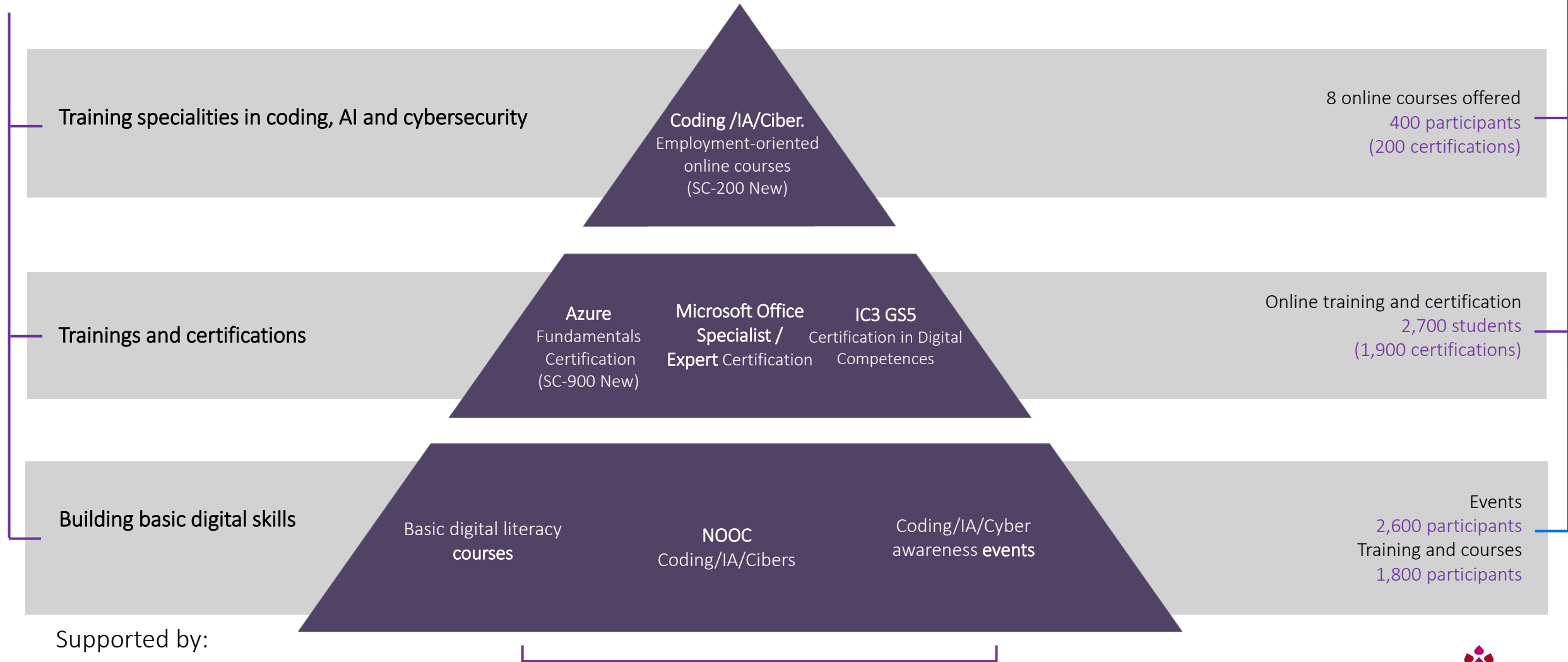
- Adult workers or unemployed: 2.700 pax
- Young people in/outside the education system or unemployed: 4.800 pax
- Educators and facilitators: 200 pax
- Total: 7,500 pax
- Certifications: 2,100 certifications >60% Microsoft certification
- Employability level: >40%.
- Target audience: young people between 16 and 30 years old
- Other targets: elderly people, migrants, girls and women
- Budget: 190k

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# Itineraries

# Impacts



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ciudadanía comprometida

# Thank you for your attention!

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Web site: <https://www2.fundacionesplai.org/conecta-ia/>

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