ESSA – The European Software Skills Alliance – is a 4-years transnational initiative funded by the European Commission under the Erasmus+ Sector Skill Alliance programme.

The global objective is to **design and implement** a highly innovative, effective, and sustainable **Software Skills Strategy and VET Training Programme for Europe**.

The strategy will be market demand-led at its core, **continuously adapting and evolving** to address **current and future market needs** to support growth, innovation, and competitiveness in the sector.

The ESSA project adopts the latest **European IT professional standards** and **frameworks such as e-CF**, ensuring a common understanding of the new Software Skills Strategy between Industry, Education, and Policy Makers.
ESSA scope seen by e-CF and ICT Profiles framework
EUROPEAN ICT PROFILE FAMILY TREE

Generation 1: SEVEN FAMILIES

PROCESS IMPROVEMENT
- Digital Transformation Leader
- Product Owner
- Scrum Master
- DevOps Expert

BUSINESS
- Business Information Manager
- CIO
- ICT Operations Manager
- Data Scientist

TECHNICAL
- Quality Assurance Manager
- Information Security Manager
- Project Manager
- Service Manager
- Data Specialist

DESIGN
- Business Analyst
- Enterprise Architect
- Systems Architect
- Solution Designer

DEVELOPMENT
- Developer
- Digital Media Specialist
- Test Specialist
- Systems Analyst

SERVICE & OPERATION
- Data Administrator
- Systems Administrator
- Network Specialist
- Technical Specialist
- Service Support

SUPPORT
- Account Manager
- Digital Educator
- Information Security Specialist
- Digital Consultant

Generation 2: 30 EUROPEAN ICT PROFESSIONAL ROLE PROFILES

ESSA Software specific Generation 3: CREATE/RELATE YOUR CONTEXT-SPECIFIC ICT PROFILES (Jobs, Curricula...)

ESSA scope

Software Services relevant profiles (draft)
Current status and next steps

2021
Sector Need Analysis, EU Strategy

2022
Curricula, certification and mobility programme

2023
Training programme and piloting
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<th>Countries</th>
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**Associated Partners**

- Amazon Web Services
- General Assembly
- IT Professionalism Europe
- NVIDIA GmbH
- Breyer Publico Consulting
Thank you

Valeria Muggianu – Senior Project Manager

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