

# EASPA WEBINAR

14 July 2025

*European Digital Learning Factory  
(EDLF) – A Digital Learning Hub for  
Agriculture, Energy, Logistics, and  
ICT*

Dr. Siegfried Hermes – Sr. Project Manager / Consultant

# European Digital Learning Factory (EDLF): Vision & Hybrid Model

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## Objective

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- 💡 *Vision:* A pan-European hub for VET innovation, connecting labour market needs with digital education
- ⚙️ *Model:* Hybrid structure combining a Digital University, R&D Centre, and Smart Factory simulation
- 🔄 *Purpose:* Driving green and digital transitions with industry-aligned, personalized learning

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## Means and Instruments

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- ✓ AI-powered pathways for EQF levels 3–8
- ✓ ESCO-based skill gap detection (*ESCO - European Skills, Competences, Qualifications and Occupations*)
- ✓ Curricula co-created with employers & chambers
- ✓ Sector focus on *Agriculture, Energy, Logistics, ICT*
- ✓ Real-time tracking & feedback loops



# EDLF Impact: Inclusion, Innovation & Skills Ecosystem

## Impact



*Inclusion:* Flexible, digital access for all learners



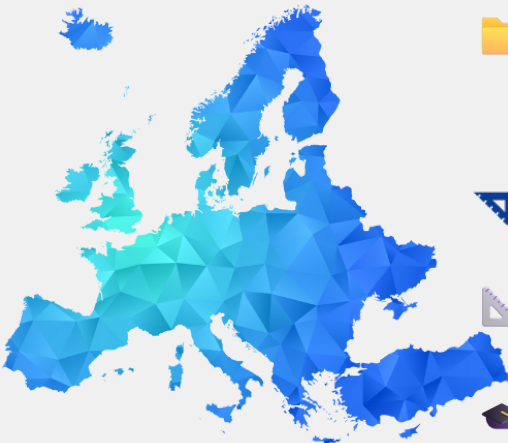
*Mobility & Equity:* Financial support for disadvantaged learners



*Innovation:* Encouraging entrepreneurship to foster real-world digital solutions



*Skills Ecosystem:* Sector-specific competencies in data, simulation, and automation



## Features



Based on EU Projects: ESSA, ARISA, EBSI-VECTOR, Digital4Sustainability



Modular, scalable learning platform

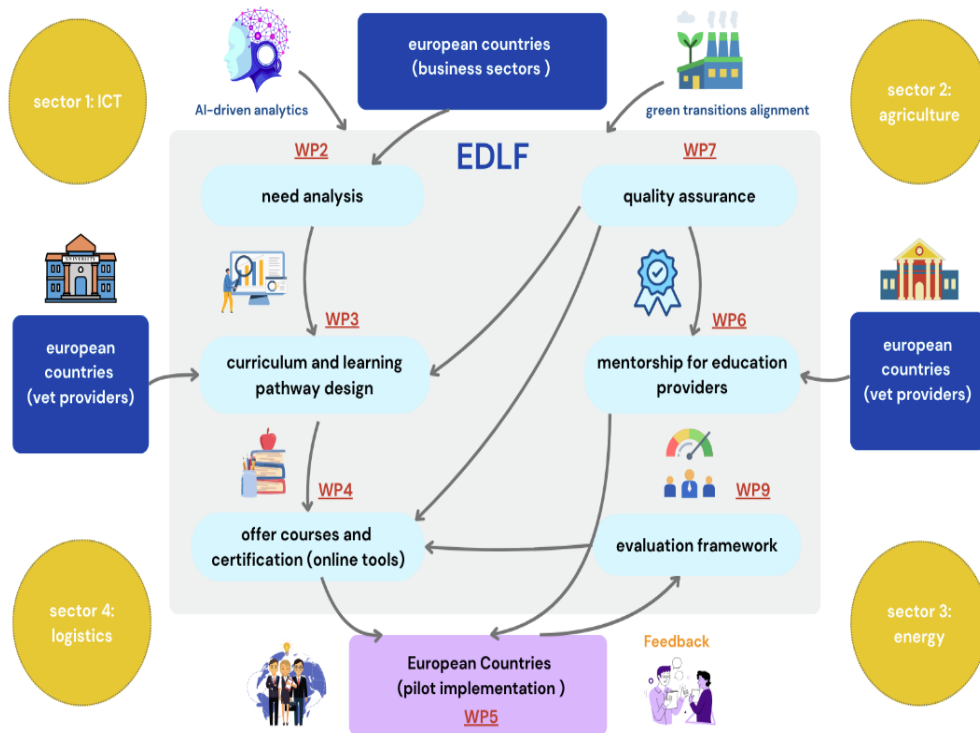


Mapped to EQF, EQAVET, and DigCompEdu frameworks



Digital credentialing and ESCO-based job profiling

# The EDLF in a nutshell



# ASIIN's Role in the EDLF

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- Lead of WP7: External Quality Assurance Framework
- Expertise: >25 years in QA for HE & >15 years in VET
- Alignment with: EQF, EQAVET, ESG, *DigCompEdu*
- Key **deliverables**:
  - QA framework for EDLF
  - Certification of programs, providers and EDLF as provider
  - Dissemination infrastructure



# The Three-Pillar QA Approach

## 1. QA Framework

- Certification standards for short-cycle programs, providers, and EDLF
- Digital quality seal for programs

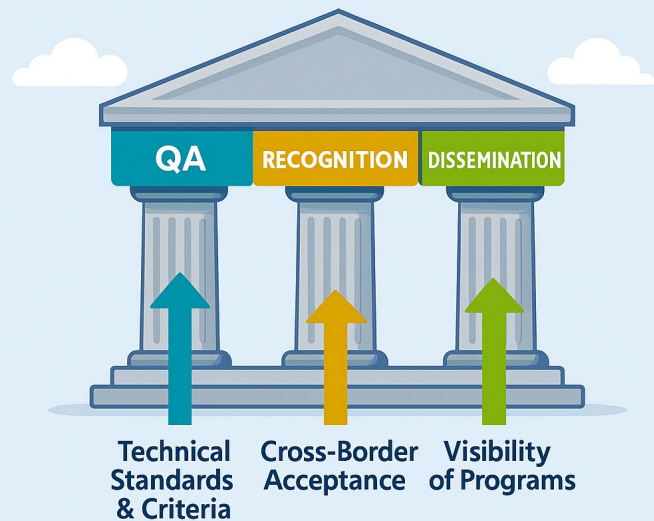
## 2. Recognition Framework

- Align with ESG and EQAVET
- Ensure DEQAR-eligibility

## 3. Dissemination Framework

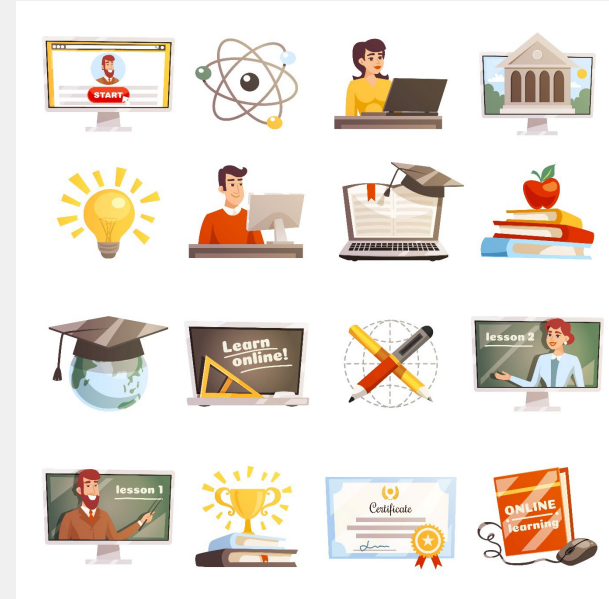
- Public visibility via ASIIN Academy, DEQAR, and a QA register hosted by EASPA

### THREE-PILLAR EXTERNAL QUALITY ASSURANCE FRAMEWORK



# QA Framework Details

- Unified QA standards (institutional + program level)
- Certification criteria aligned with EQAVET & ESG
- Pilot certifications to validate framework (programs, provider, EDLF)
- Certification of the EDLF itself as final step of the project



# Recognition Framework and EASPA as Skills Council

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## Certification Scheme

- Certification decisions by ASIIN Certification Commission
- Boosting credibility & recognition of EDLF micro-credentials
- Listed in DEQAR (EQF 5+)



## EASPA coming in:

- Hosting of cross-border, cross-disciplinary European Council for Digital and Sustainability Skills
- ASIIN (or other suitable QAAs) delivering certifications
- EASPA skills council/s to validate certifications
- Strategic alignment with subject-specific QA networks



# Dissemination of EDLF-quality assured programs

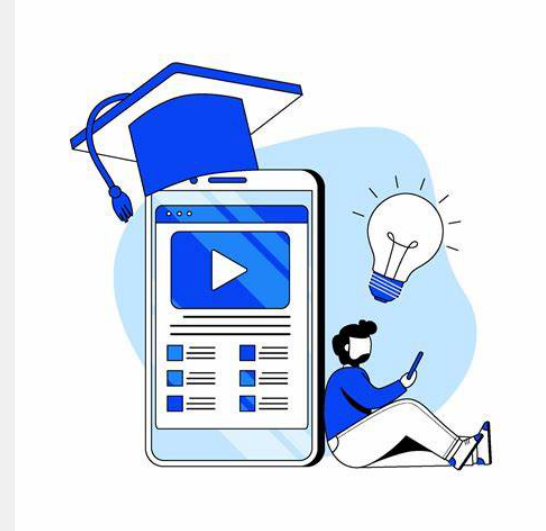
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## **ASIIN Academy** could

- Provide a scalable, online platform for certified programs
- Allow for an integration of EDLF offerings and search features
- Provide an interface for learners, providers, employers

## **EASPA** could

- Host a register of certified EDLF programs and courses
- Contribute to global UNESCO/INQAAHE QA register (by 2027)



# Summary & Strategic Impact

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## Key project results

- EASPA/ASIIN ensure QA backbone of the EDLF
- Certification, visibility, and trust through DEQAR, ASIIN Academy, and EASPA register
- Strengthens the role of micro-credentials in lifelong learning
- Contribute to EU policy goals, in particular on digital & green transitions

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Thank you for your attention!

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