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ENGINEERS 4 EUROPE



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E4E – Engineers for Europe: a study about the future of Engineering profession

A. Soeiro, AECEF
M. Barrett and K. Sunderland
TU Dublin
J. Pego and A. Freitas
University Porto

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STRATEGIC MATTERS

1. Initial Goal : “Put Engineers on the map & how they contribute to Society”
2. Topics to address: improvement of the engineering profession, continuing professional development (CPD), societal value of engineers, digitalization, apprenticeships, etc.
3. Challenges: visibility and continuity of the project results.



ENGINEERS 4 EUROPE

1. Setting a
European Engineering Professional Skills Council

2. Identify
New Trends in Engineering Education

3. Develop
“Training”



CONSORTIUM PARTNERS

Industry & Profession



Accreditation



Higher Education & Training



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CONTENT

WP 2 E4E Skills Council; Skills Anticipation and Monitoring

1) **Digital skills:**
Digital Competence Framework 2.0

2) **Green skills:**
Cedefop Skills for green economy + Green Deal

3) **Resilience skills:**
EU Life Competence Framework

4) **Entrepreneurial skills:**
Entrepreneurship Competence Framework

Structural knowledge
of partners

Methodology to assess
& anticipate training
needs and mismatches

Foresight with global
practitioners

Fiches of initiatives,
examples, case studies

Engineers Skills Strategy

Extract knowledge and praxis
Develop occupational profiles
Define skill sets
Skill anticipation strategies

Yearly monitoring and strategy update

WP 3 Develop Innovative E4E Curriculum & Training

Benchmark Occupational Profile against EQF, ESCO, EU Skill Panorama

Develop demand-driven joint curricula (HE + VET + Profession / Industry)

Align EQF, EQVET, EQAVET

Develop training materials, teaching methodologies and delivery means

Certification: set up certification model/mechanism/process

WP 4 Deliver E4E Training

- Deliver the E4E curricula
- Validate content and structure
- Finalise E4E Curricula
- Develop manuals and tools for full-scale deployment and uptake of E4E education and training solutions

WP 5 Quality Assurance

WP 6 Dissemination & Exploitation

WP 1 Project Management

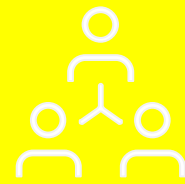


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1st SURVEY - 14 insights

1. Role of Education Providers



2. Emphasizing Sustainability



3. Employment Opportunities

4. Partnership



ONLINE MATERIALS

Life Competences



Entrepreneurship Skills



Digital Competences



GreenComp Framework



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THANK YOU!



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