



Filling Skills Gaps in Blue Industry by Radical Competence Boost in Engineering VET

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RADICAL PROJECT INTRODUCTION

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Rauni Jaskari, M. Sc. (Eng.)
Leader of Education, Head of Degree Programme
Industrial Management and Engineering
Turku University of Technology, Finland


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APPLIED SCIENCES



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RADICAL
project

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Background

- Maritime cluster of Southwestern Finland is suffering from lack of engineers.
- Our graduating engineers have competencies and skills, which are all fundamental for the maritime sector.
- Today, it takes time before a graduated engineer will be a productive worker for a company



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Filling Skills Gaps in Blue Industry
by Radical Competence Boost
in Engineering VET (Vocational Education and Training)

- ERASMUS+ project, 2 years, 1.11.2017-31.10.2019
- Total budget 371 030 €



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Project objectives

- a reformation of the industry - Higher Education Institution (HEI)- student cooperation in Finland
- a new model in the career path towards new and better jobs, especially in the Blue Sector of Southwestern Finland.
- The core of the ENGINE (Engineering Innopeda Education) model is a **new model for engineering education** supported by a **business mentoring model**.
- *High quality combination of higher education and work-based learning, leading students to have both a full bachelor's degree and in-depth practical experience at the workplace.*



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Project partners



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Why?

Students

- strong academic base
- possibility to link theory to practice immediately
- gain 4 years of working experience during the studies

Companies

- Ready and productive workforce, introduce to company way of working
- Development projects
- New fresh ideas
- Can engage future talents to their company

University of Applied Science

- New appealing education model
- Deeper connection between UAS and companies

Society / Region

- Value for the money in educating engineers
- More competitive region



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How?

- Benchmarking
- Carrying out a survey
- Piloting
- Writing publications
- Project working: meetings, reviews, evaluation
- Co-operation of ~20 professionals from partners' organizations



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