



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



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

- ERASMUS+
  - Key Action 3: VET - Business Partnerships on Work-based learning and Apprenticeships
- 1.11.2017-31.10.2019
- Budget 371 030 €



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# Partners



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# Aim of RADICAL project

- Provide employees with specific skills to maritime industry in Southwest Finland

← by developing education  
in Turku University of Applied Sciences



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# Solution: *ENGINE*

- New education model *ENGINE*
  - in Finnish *InTO – Insinööriksi työssä oppien*
- Engineering students working in companies
  - 2-3 days studying, 2-3 working
  - up to 50 % of studying time
  - assignments, developing tasks, Bachelor's thesis



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# Benefits 1/2

## Companies

- get development perspective
- get faster more competent and productive employees
- reduced need for seasonal workers
- less recruiting costs
- student engaged to activities regularly and for long time



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# Benefits 2/2

## Students

- relevant work experience
- knowledge of several company units, processes & organisation culture
- are paid by companies, no need to finance studies by working during the studies

## Education institute

- Strong connections to work life
- Students are more likely to graduate in time



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# RADICAL phase

## Spring 2019

- Pilot students in companies
  - Meyer Turku, Finland
  - Carinafour, Finland

## Autumn 2019

- *ENGINE* starts in Turku University of Applied Sciences in degree programme of industrial management and engineering students
- 20 *ENGINE* students



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[radicalproject.turkuamk.fi](http://radicalproject.turkuamk.fi)



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