

WHAT TYPE OF ENGINEER ARE YOU?

and do you have the right skills?

PREFER Project - Professional Roles and Employability for Future EngineerRs

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Erasmus+ knowledge Alliance –
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**FOCUS ON YOUNG
ENGINEERS!**

33%

**change job
within the first year**

**FOCUS ON YOUNG
ENGINEERS!**

81%

**change job
within 3 years**

Reasons?



#1

Job content
60%



#2

Career opportunities
35%



#3

Higher salary
29%



#4

Working in a
larger company
16%

A background image of a student with blonde hair, seen from the back, working on a circuit board in a laboratory. Various electronic equipment and wires are visible in the background.

Expectations mismatch

Do students know **WHAT ENGINEERING IS** and **WHAT ENGINEERS DO**?

*Bennett & Male (2017),
Brunhaver et al. (2013)*

Lack of self reflection

Do students know **WHAT KIND OF ENGINEER** they want to be?

York & Knight (2006)

Skills mismatch

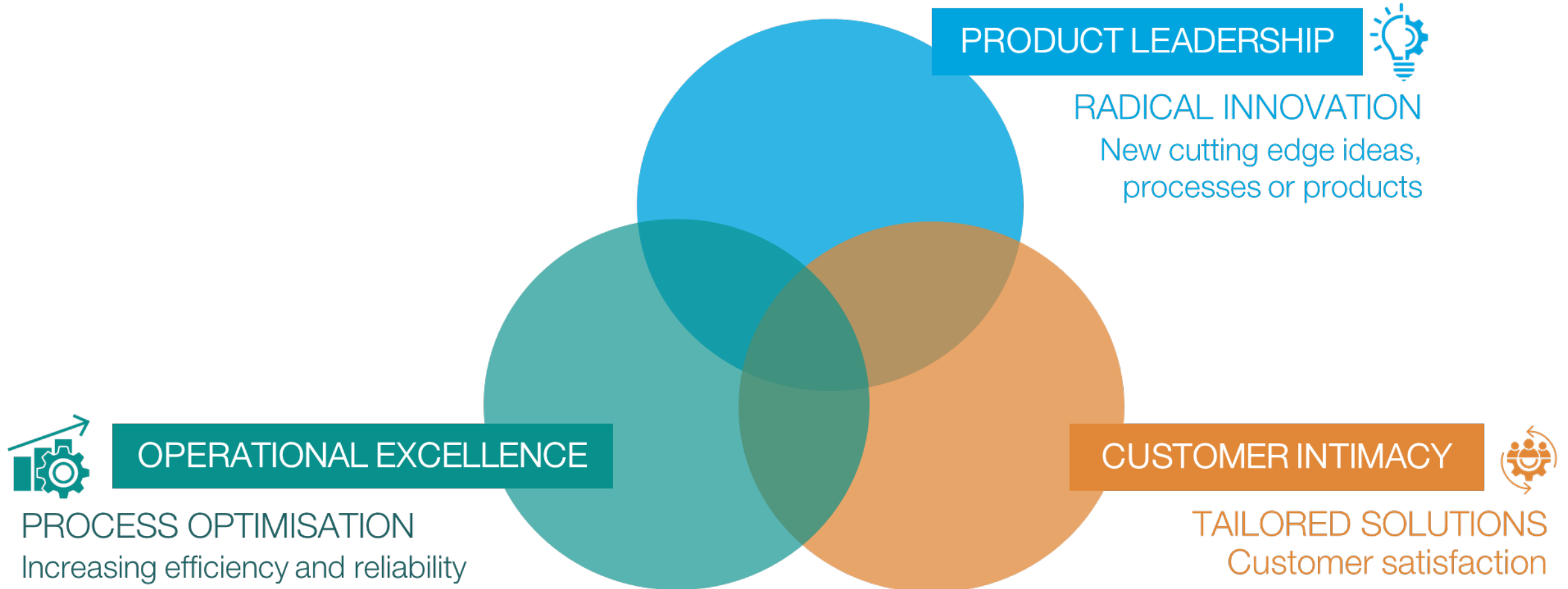
Are students well **PREPARED FOR THE LABOUR MARKET**?

Mourshed et al., (2014)

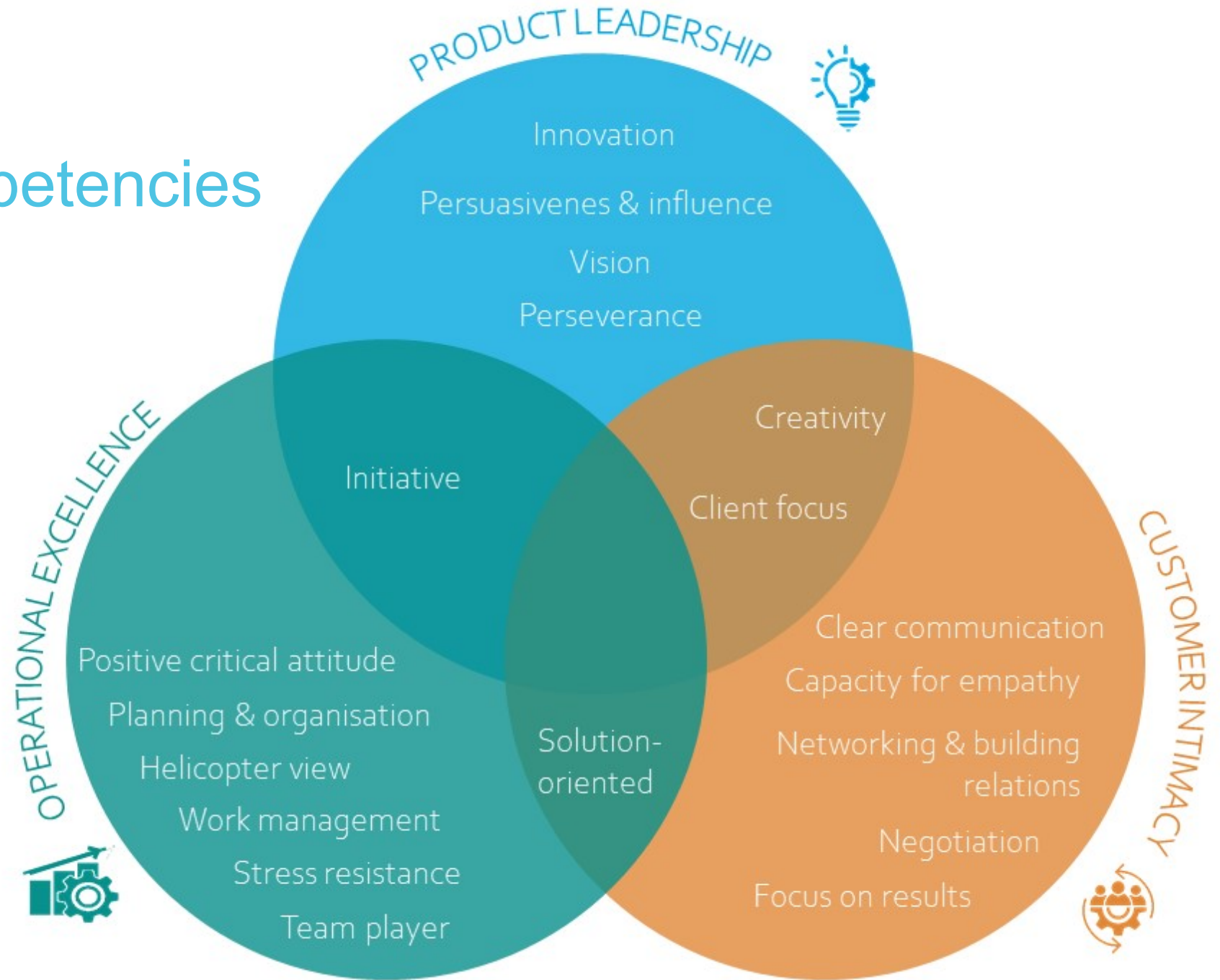
PREFER - Professional Roles and Employability of Future EngineerRs



Professional Roles Model for Early Career engineers



Required Competencies



What motivates you?

PREFER EXPLORE

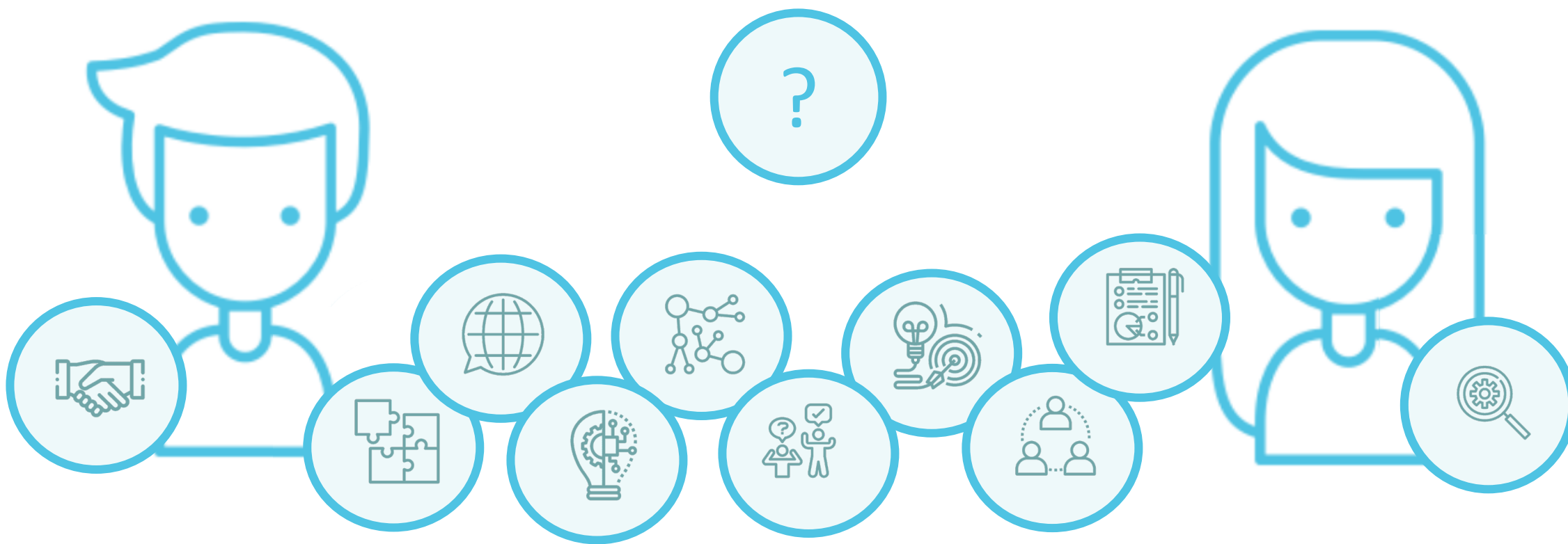
- › Short test to determine your preferred role(10')
- › Discover the best and least fit role based on 10 questions

What do you excel in?

PREFER MATCH

- › Test per professional role (15' per test)
- › Using realistic scenarios determine the appropriateness of responses compared to industry professionals
- › Result: Role alignment and competency profile
- › Includes advice on how to improve

WHICH ENGINEERING ROLE DO YOU PREFER?



Take control of your career – Right from the start

www.iw.kuleuven.be/prefer



SEFI European Society for Engineering Education
Europäische Gesellschaft für Ingenieur-Ausbildung
Société Européenne pour la Formation des Ingénieurs



KU LEUVEN

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Bhaile Átha Cliath
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Which role do you

P R E F E R

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