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# Attracting Diverse Talent to the Engineering Professions of 2030 Activity 1 Outcomes

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Funder: EU

A-STEP 2030

Erasmus+

# Attracting Diverse Talent to the Engineering Professions of 2030

## Activity 1 Outcomes

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BEST – Board of European Students of Technology

Metropolia University of Applied Sciences

Aalborg University Denmark

# Presentation Outline

- A-STEP 2030 Activities
- Activity 1 tasks
- Findings:
  RQ1: Sustainable Development
  RQ2: Awareness of SDGs
  RQ3: Competences Required of Engineers

# Activities

Activity 1

Future Role of Engineers in society and the competencies required to achieve SDGs

Activity 2

Investigate values and motivations of young people from diverse backgrounds

Activity 3

AALBORG UNIVERSITY
DENMARK

Develop a new innovative learning and teaching activity to attract diverse students linked to skills needs and student values.

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# Activity 1 Tasks

Activity 1

Future Role of Engineers in society and the skills and competencies required to achieve the SDGs

Task 1:
Literature Review

Task 2: Focus Groups

| | Academics | Students | Employers |
|---|---|---|---|
| Ireland | 9 | 7 | 6 |
| France | 7 | 9 | 8 |
| Denmark | 8 | 7 | 6 |
| Finland | 8 | 4 | 7 |

# Focus Groups – 4 countries

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OLLSCOIL TEICNEOLAÍOCHTA BHAILE ÁTHA CLIATH
DUBLIN
TECHNOLOGICAL UNIVERSITY DUBLIN

# RQ1: Words associated with Sustainable Development

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DUBLIN TECHNOLOGICAL UNIVERSITY DUBLIN

# Words associated with Sustainable Development - Ireland

Ireland

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# Words associated with Sustainable Development - Denmark

Denmark

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# Words associated with Sustainable Development - France

France

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# Words associated with Sustainable Development - Finland

Finland

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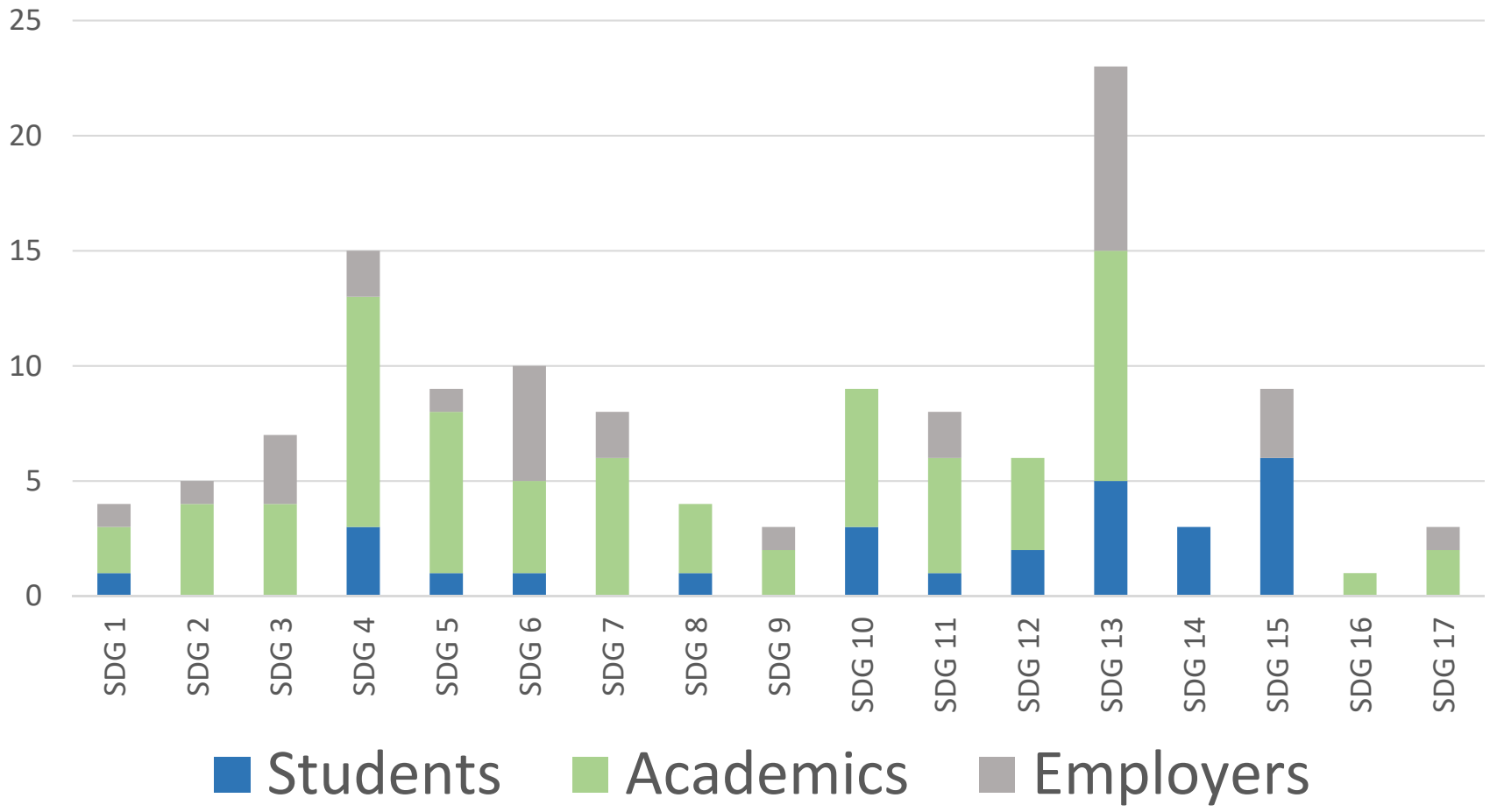
# RQ2: No of mentions for each SDG by participant group

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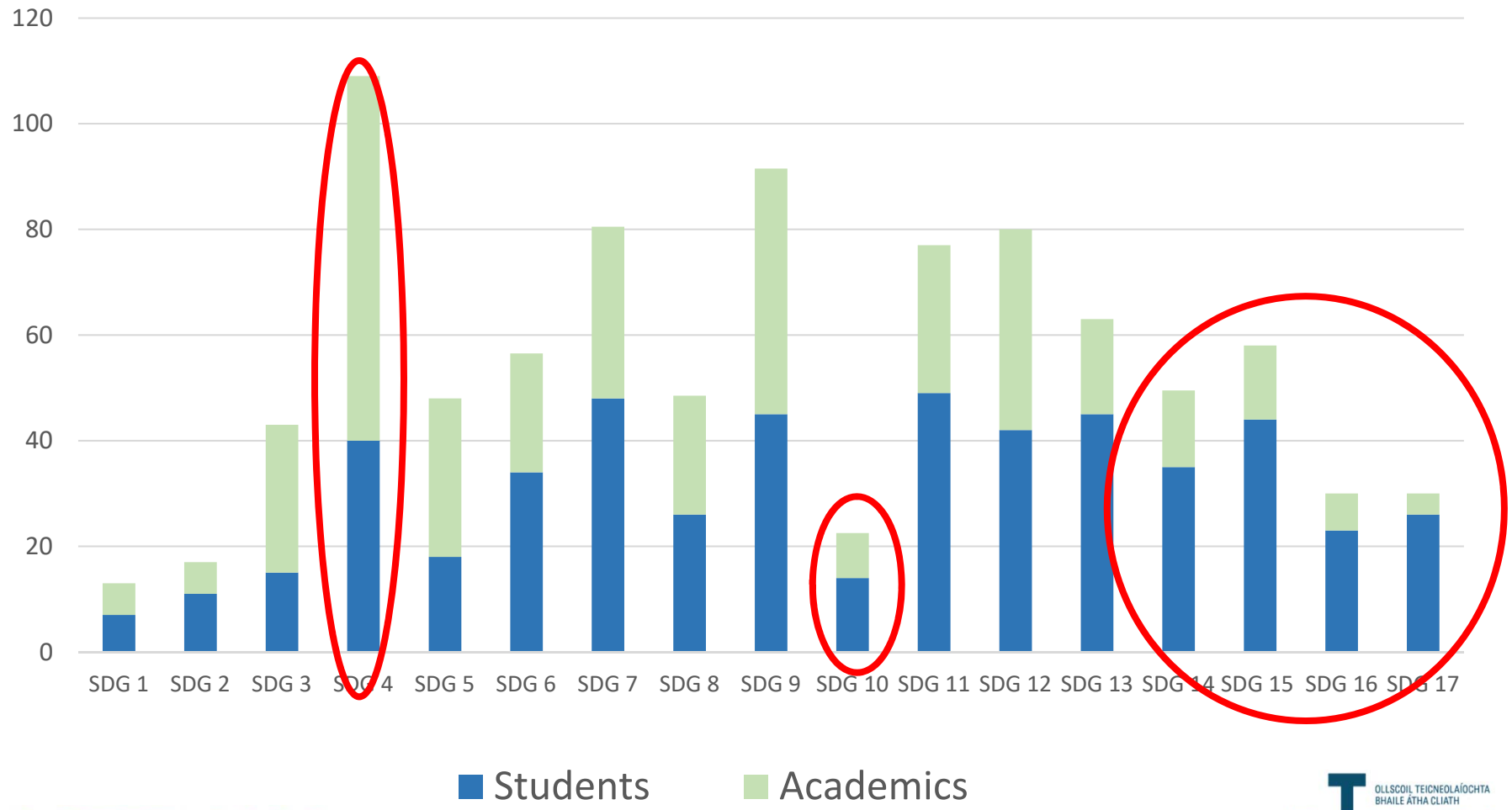
# RQ2b: To what extent are SDGs covered in engineering programmes?

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# RQ3: Competencies reqd for engineers to achieve the SDGs?

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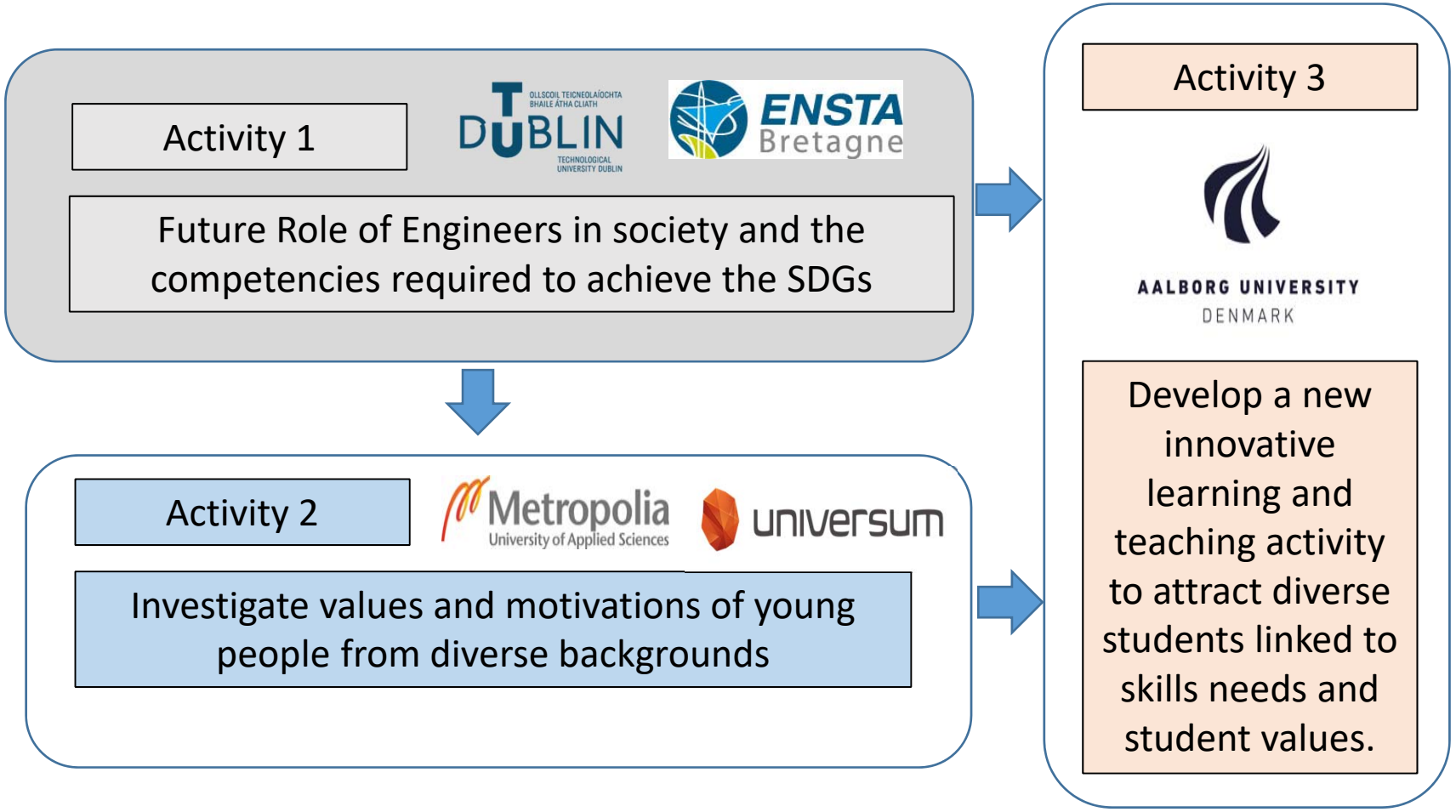
# Activity 1 follow up:



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