



# Higher vocational education in Norway and the role of HK-dir

Chain 5 2022, Pre-conference day



Norwegian Directorate  
for Higher Education  
and Skills



The biggest challenges of  
our time must be solved  
with education and skills.

# Mandate

- Enhance quality, accessibility and flexibility in higher education, **higher vocational education**, and the skills sector
- Strengthen the population's skills and **provide the world of work with competent labour**
- Contribute to **making education and training accessible to all, throughout their lives**
- **Advance and strengthen quality, internationalisation and digitalisation** in research, education, and training

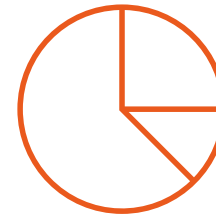
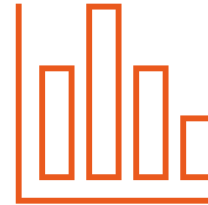
# Tasks

- Overall, national responsibility for administrative functions within:
  - Higher education
  - Higher vocational education
  - Skills policy
- All training and education of adults aged 19 and older
- A broader responsibility within internationalisation and career guidance



# A knowledge-based directorate

- Ensuring access to relevant and reliable data and statistics
- Contributing to knowledge-based policy, measures and services within the fields of the directorate
- Make statistics, data and analyses accessible and disseminate them in a targeted way



## Our locations:

Bergen (main office)

Tromsø

Trondheim

Oslo

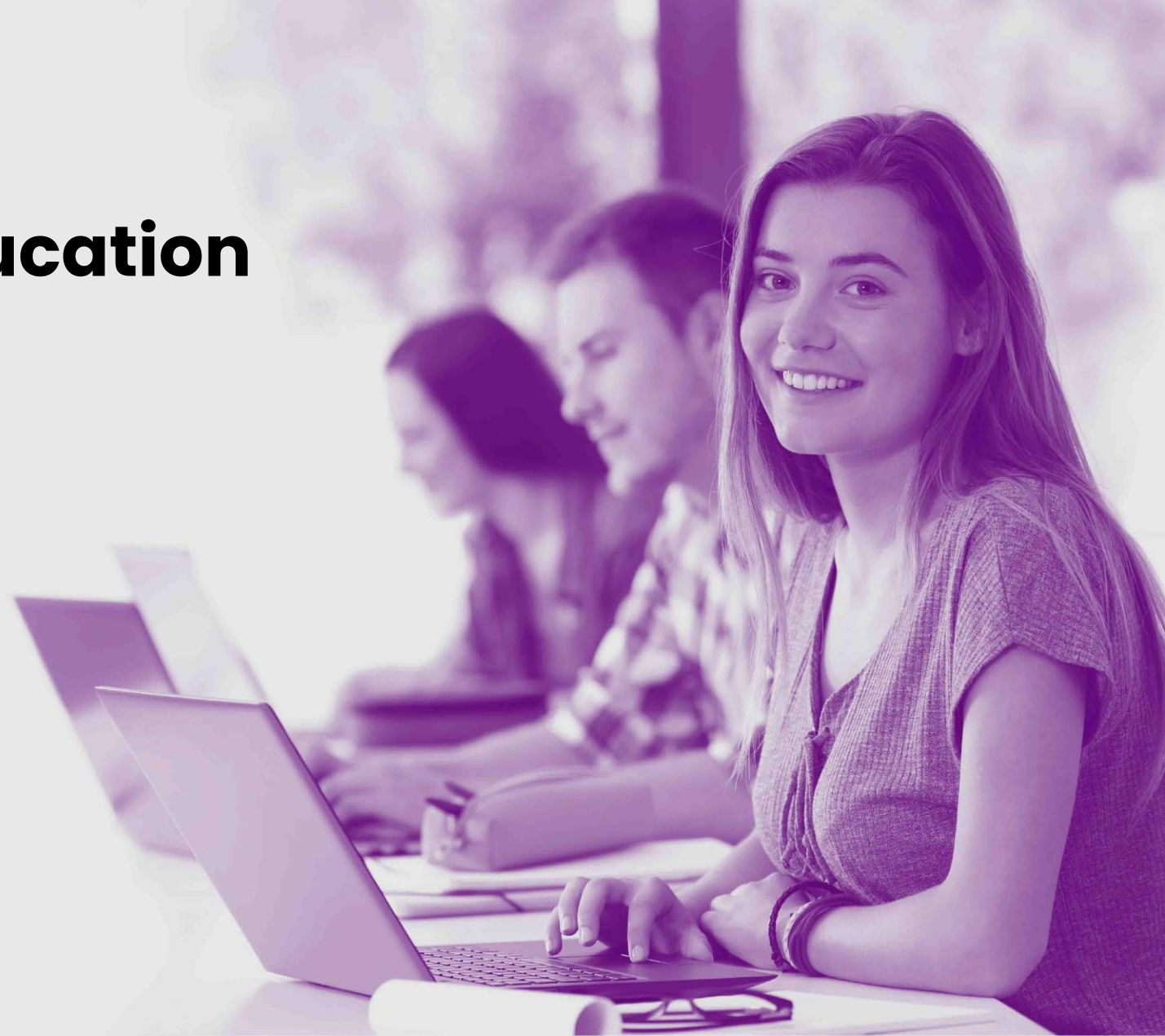
Brussels





# Higher vocational Education

- Quality enhancement
- Basic government funding
- Competitive schemes
- Facts & figures
- System for admission
- Career guidance



# Competitive schemes

- Development
  - Short modules
- Prize for best education
- Centers for excellence
- Bridging HVE and HE







# Overview of higher vocational education in Norway

# Rapid growth— great variety

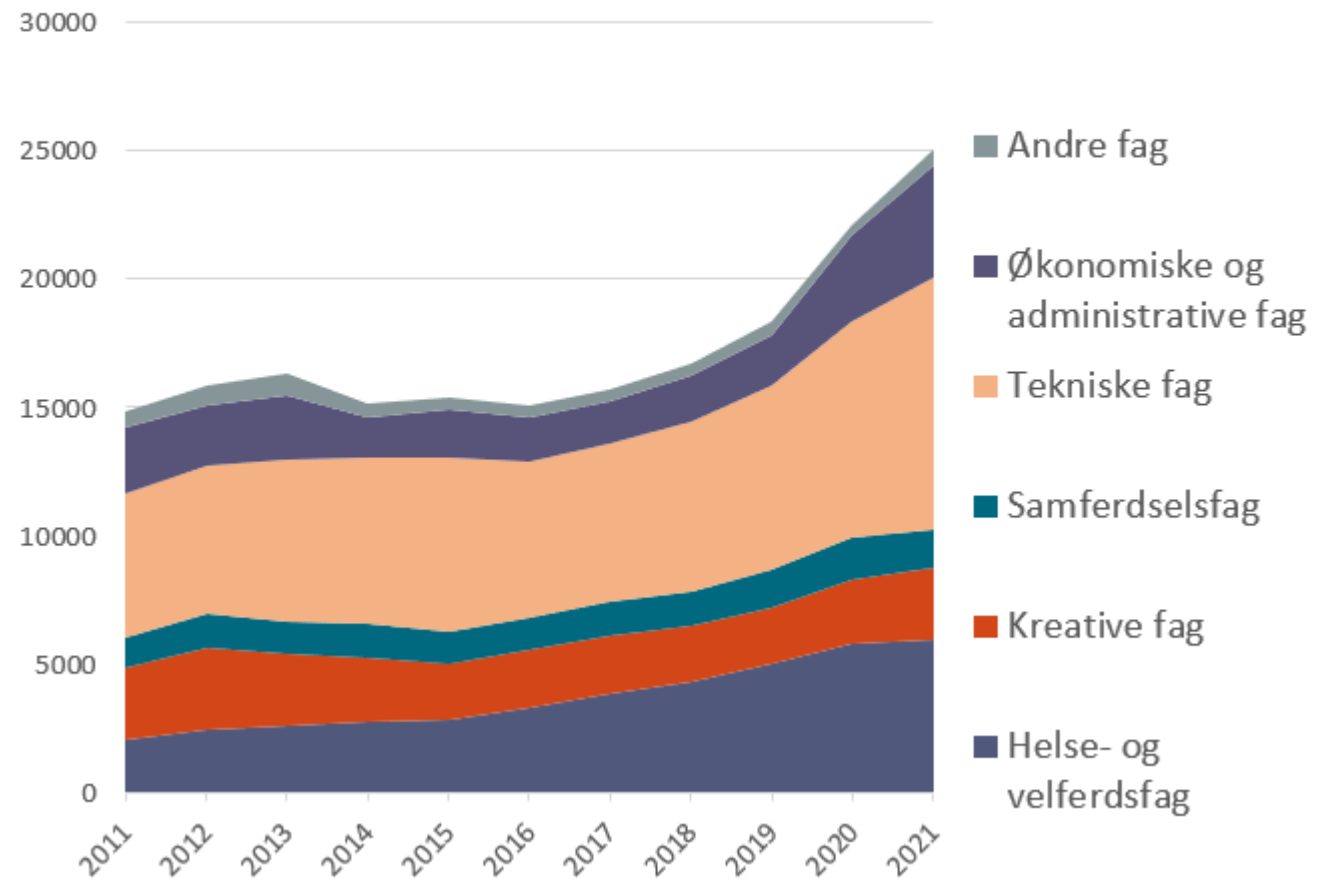
- Relatively small proportion of students
  - 28,000 students in 2021
  - Considerably higher number of applicants
  - Technical subjects and health/welfare are the largest subjects
  - Economics/administration are the subjects that are increasing the most now

## Major variation

- History and growth
- Basis for admission
- Education length
- Relevance and proximity to the labour market

Number of students in higher vocational education as of 1 October, by subject area. 2013–2021

Antall studenter i høyere yrkesfaglig utdanning per 1. oktober, etter fagområde. 2013–2021

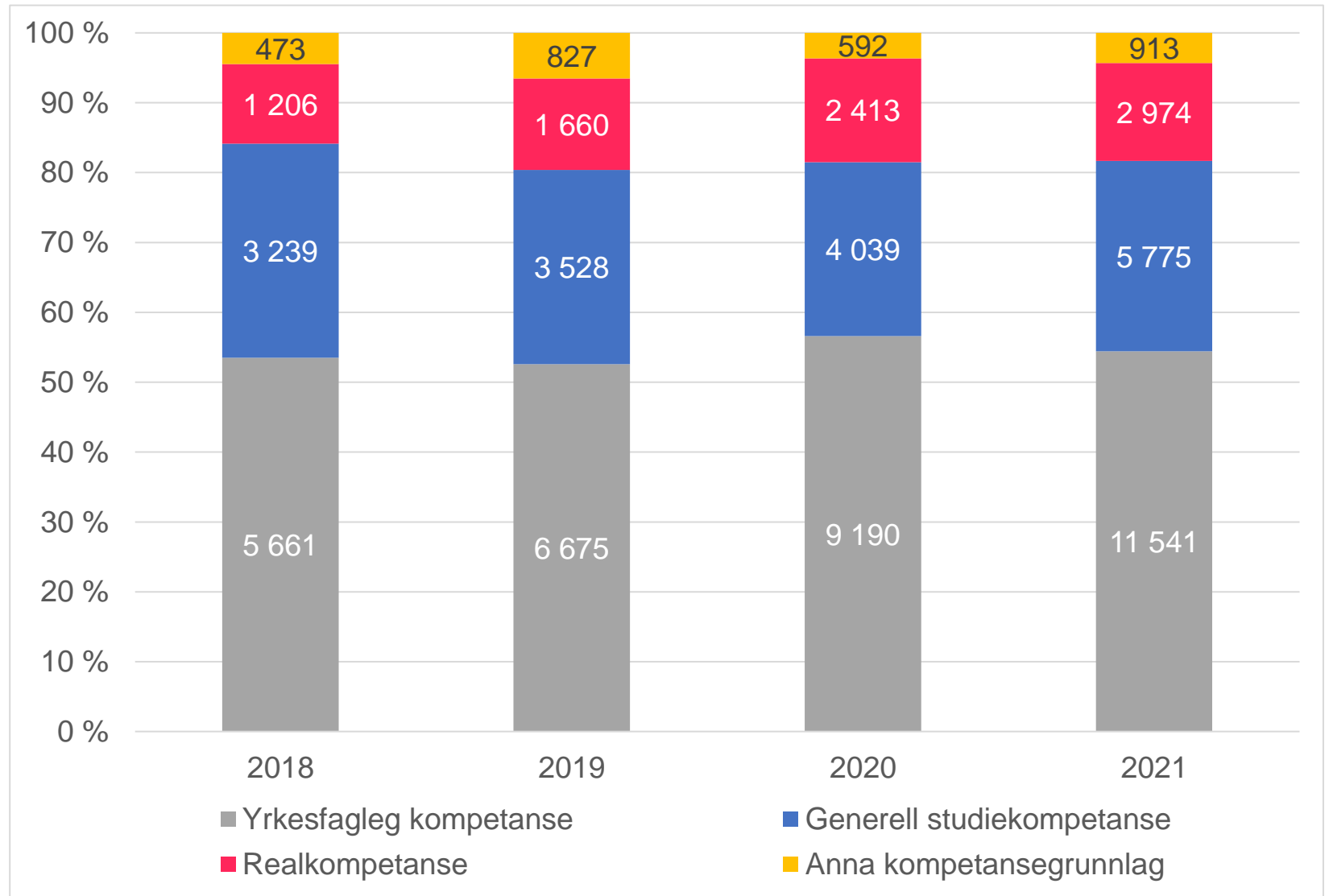


Source: DBH-F, edited by the Norwegian Committee on Skills Needs

# Admission basis

Stable student profile

For economics and administration, the proportion with a vocational background is increasing



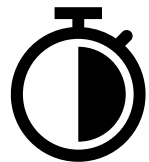
# The students' profile requires flexibility in education

50 %



30–50 years

70 %



Part-time

58 %



Online-/hybrid education

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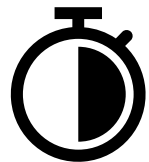
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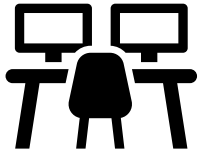
Online-/hybrid education



# Study sites at public and private schools for higher vocational education autumn 2021



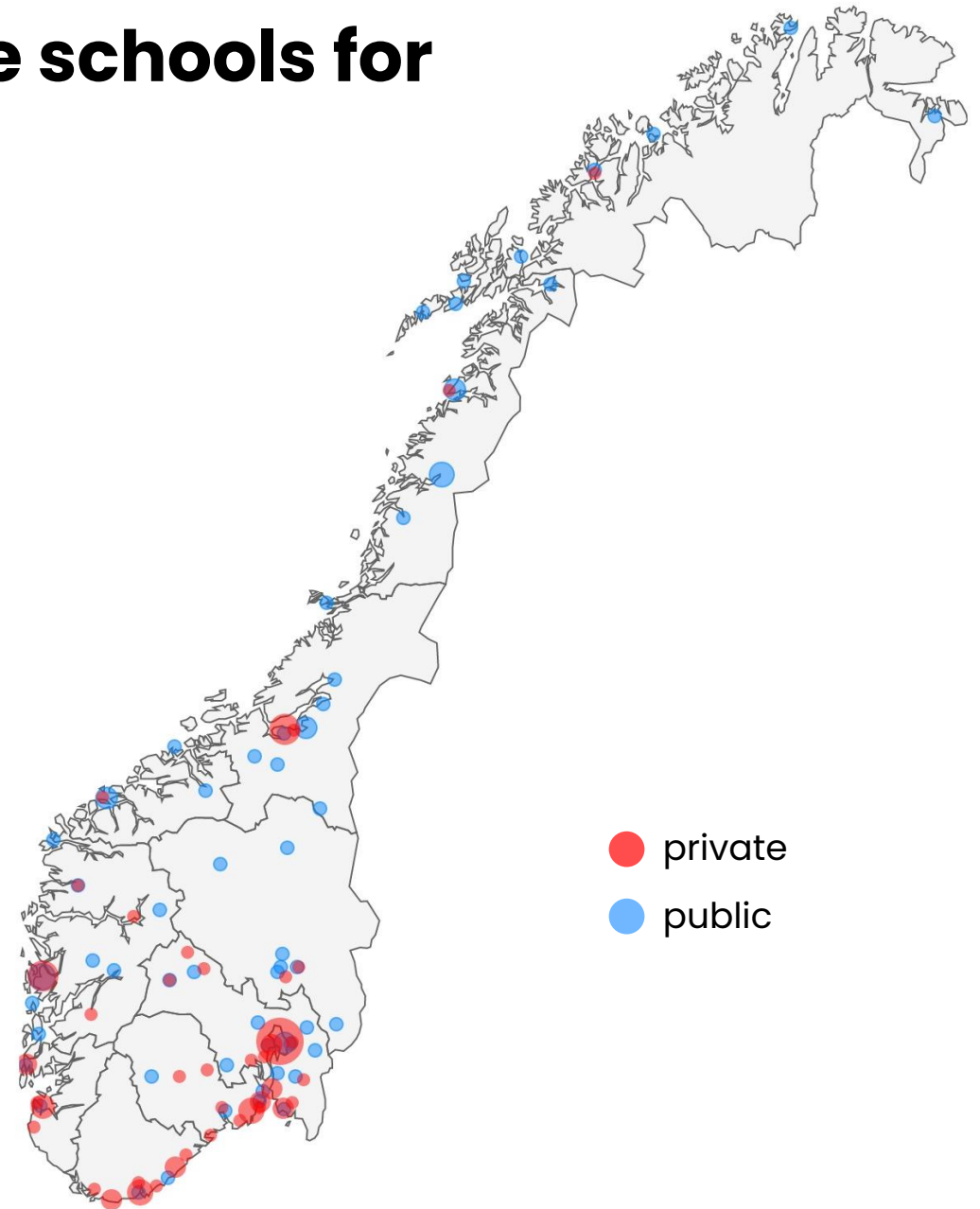
60 vocational colleges



160 study sites



16,000 students, online and hybrid education



● private  
● public

# Rise of short modules

**2,668 students**  
took modules that  
were **less than 30**  
**credits** in 2021

**The development can be seen in light of:**

- Industry programmes
- The 30 credits limit: from dispensation to a change in the law
- Focus on lifelong learning and the competence needs of the labour market







# Internationalization – high ambitions through Erasmus+



***Rogaland Polytechnic  
College  
"T-Shore"***

***Centres of VET Excellence***





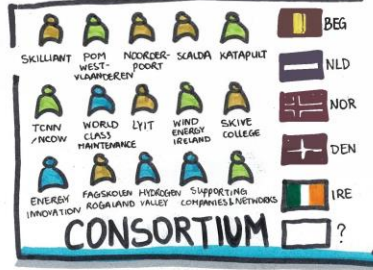
# TECH-SHORE

CENTRE OF VOCATIONAL EXCELLENCE

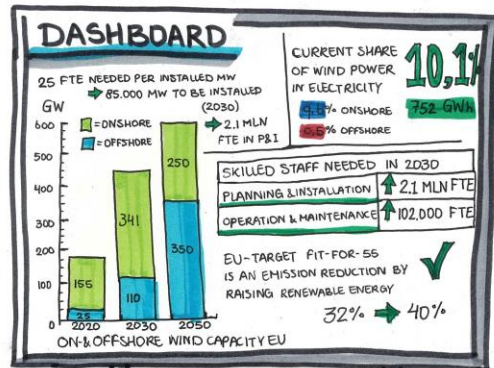


## TECHNICAL SKILLS FOR HARMONIZED OFFSHORE RENEWABLES EUROPE

- ⚡ SHORTAGE OF SKILLED TECHNICAL STAFF
- ⚡ INTERNATIONAL DIMENSION OF SECTOR & NEED FOR HARMONIZATION
- ⚡ EU GREEN DEAL: GROWTH OF RENEWABLE ENERGY & MAJOR DEMAND FOR OFFSHORE WIND



### CHALLENGE



### GOALS & IMPACT

- ESTABLISH NETWORK OF CENTRES OF VOCATIONAL EXCELLENCE IN OFFSHORE WIND IN EUROPE, BASED ON STRONG REGIONAL FRAMEWORKS
- BRIDGE THE GAP BETWEEN SKILLS NEEDED IN THE SECTOR & SKILLS TRAINING PROVIDED → VET, BUSINESS & KNOWLEDGE CENTRES
- DIGITAL TRANSITION: IMPLEMENT AUGMENTED & VIRTUAL REALITY AND STRENGTHEN COOP. BETWEEN VET & INDUSTRY FOR INNOVATION
- PROMOTE LIFELONG LEARNING THROUGH INTERNATIONAL PLATFORM, EXCHANGING STUDENTS & EXPERTISE. RE-LIFESKILLING TO ENSURE NECESSARY TECH SKILLS

ALIGN MISSION & NEEDS AND CREATE JOINT PERSPECTIVE

PRIVATE & PUBLIC COOPERATION (PRIV & PUBL)

INTERNATIONAL EXCHANGE OF STUDENTS & STAFF AND EXPERTISE  
ERASMUS+

RESEARCH & MAP LABOUR MARKET AND EDUCATION

DEVELOP & INTEGRATE AUGMENTED AND VIRTUAL REALITY MATERIAL  
VR

DEVELOP LEARNING PROGRAMMES WITH VET & INDUSTRY  
VALORISATION THROUGH MICRO CREDENTIALS

CONNECT REGIONAL STAKEHOLDERS TO NETWORK

SUSTAINABLE EDUCATION ON TECHNICAL SKILLS  
SOLVE REAL BUSINESS CASES

ENHANCE FUTURE SKILLS THROUGH WORKBASED LEARNING

SHARING SPECIALIZED KNOWLEDGE & SMART SPECIALIZATION STRATEGIES

### INTERNATIONAL PLATFORM OF VOCATIONAL EXCELLENCE

EU 2050 GOING GREEN!

# Main goals of the project

1. The development and establishment of the European network of VET-schools and VET training Centers in Offshore wind energy.
2. Establishing strong links between businesses and VET providers and combining these stakeholders in order to meet the industry's real needs.
3. Understand and define new competency profiles and developing advanced digital and evidence based educational training methods and materials in a work-based learning environment





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**Thank you  
for your attention!**

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