

Green Transition and Culture: Identification and Fulfilling Essential Skills Gaps



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Agenda

- Introduction
- GreenoVET project: What is this?
- Overview of the skill gaps
- Methodology
- CoVE Concept
- Tool to measure green innovation level
- Conclusions

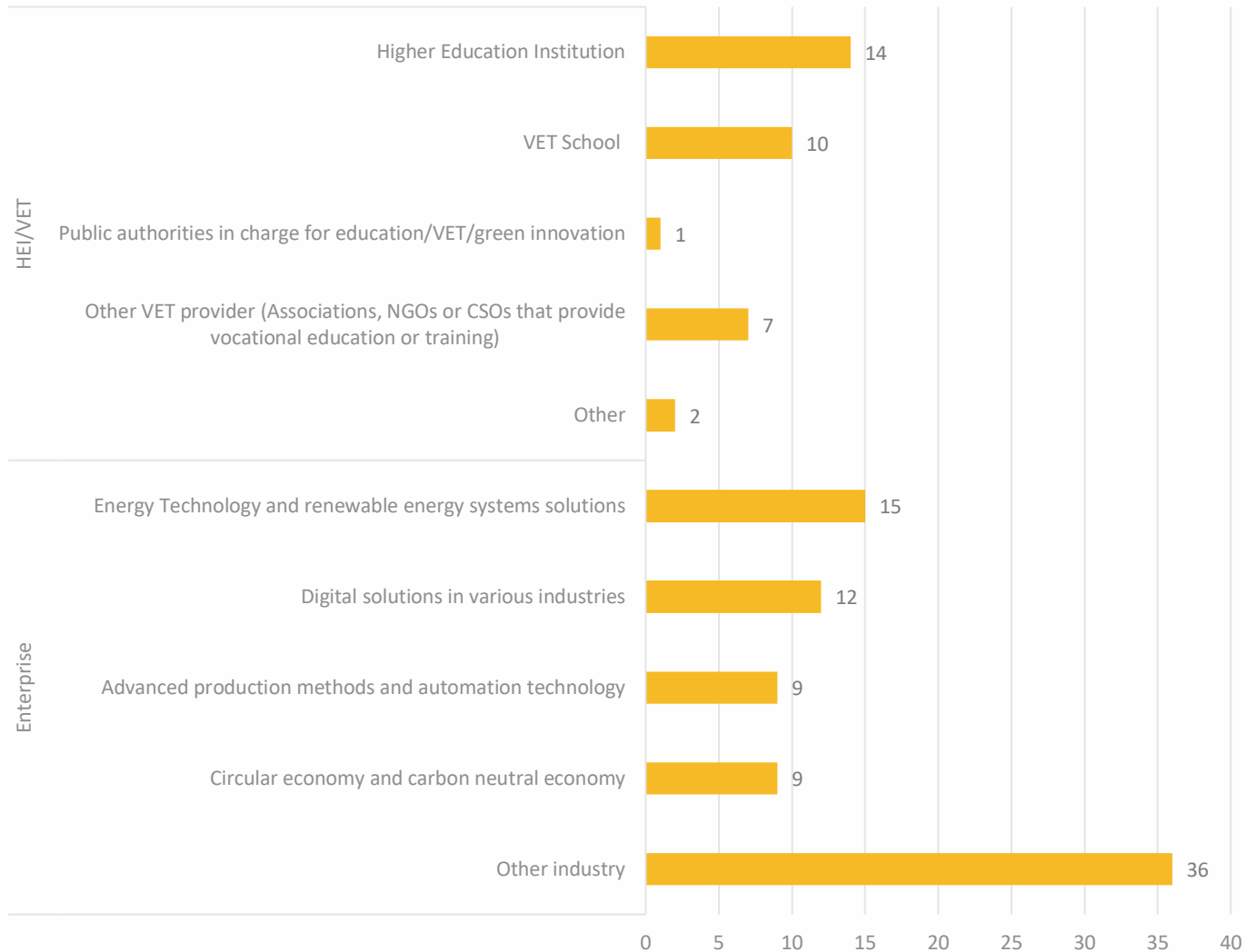


What is GreenoVET project?

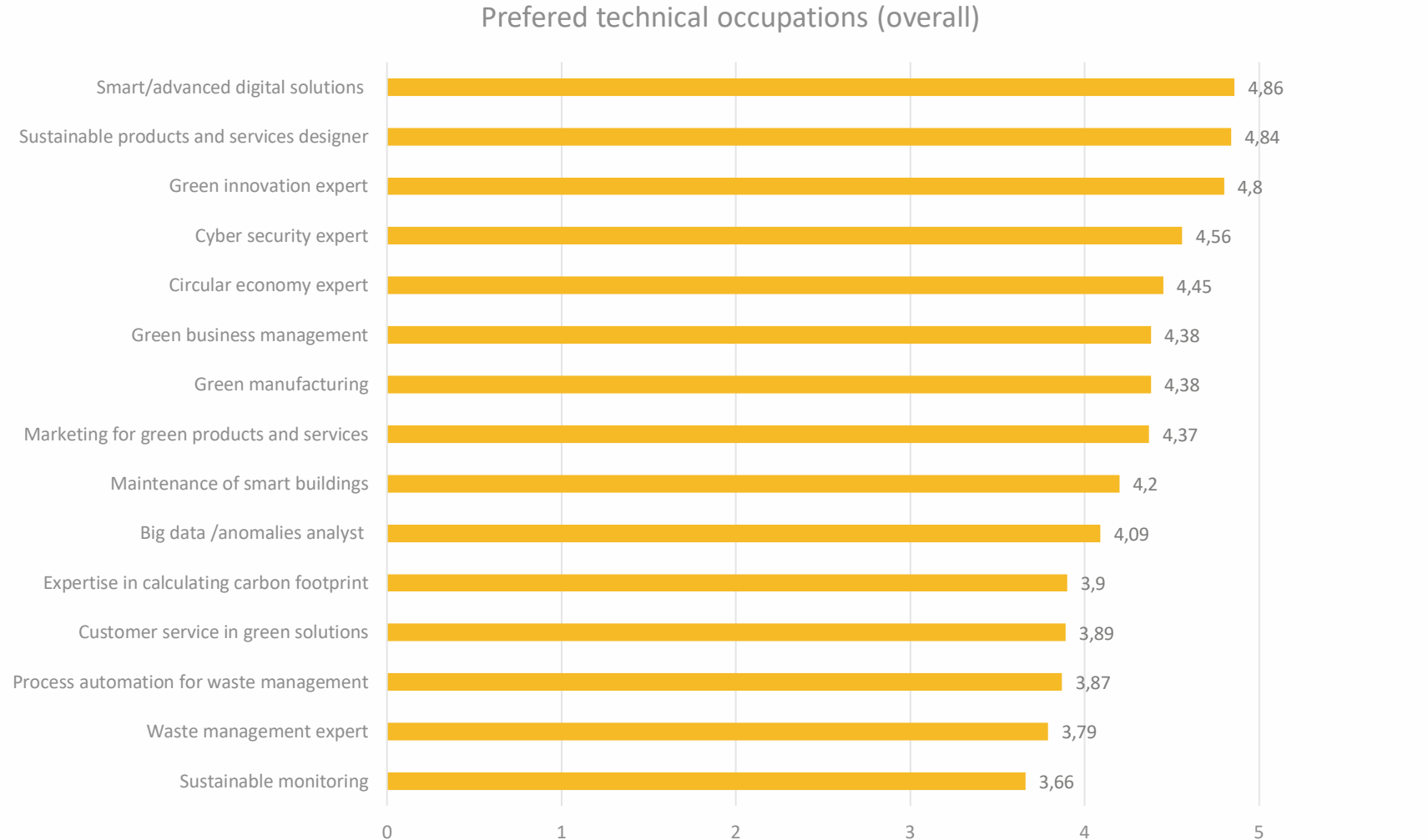
- ▶ European VET Excellence Platform for Green Innovation
- ▶ 30 European partners (18 full and 12 associated)
 - ▶ Vaasa region, Finland
 - ▶ Leiria region, Portugal
 - ▶ Styria region, Austria
 - ▶ Skopje region, North Macedonia
- ▶ Co-funded by Erasmus+ Programme
- ▶ Project partners in the Vaasa region:



Methodology: Questionnaire survey (N=115)



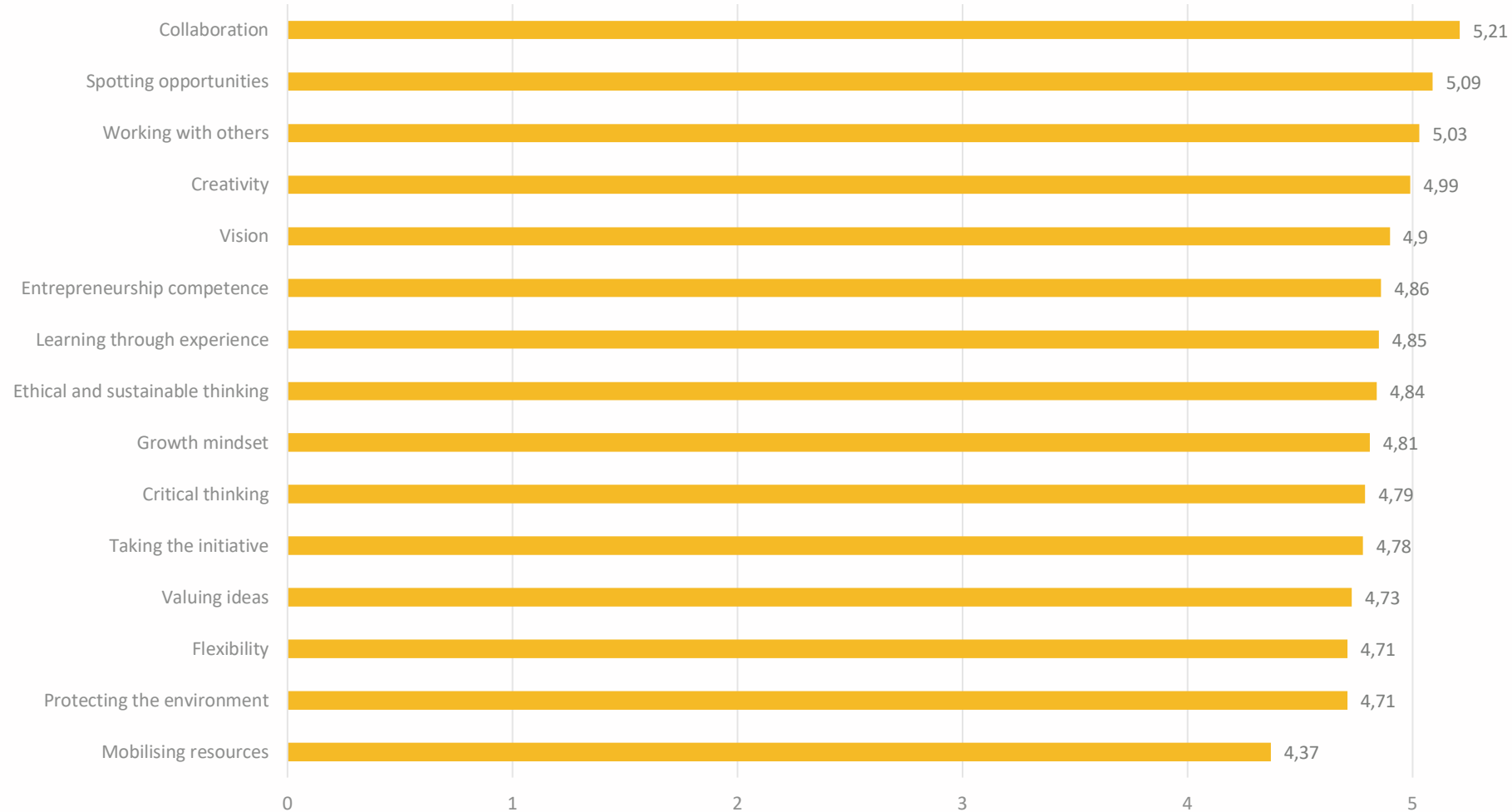
Technical occupations (0=not necessary to 6=very necessary)



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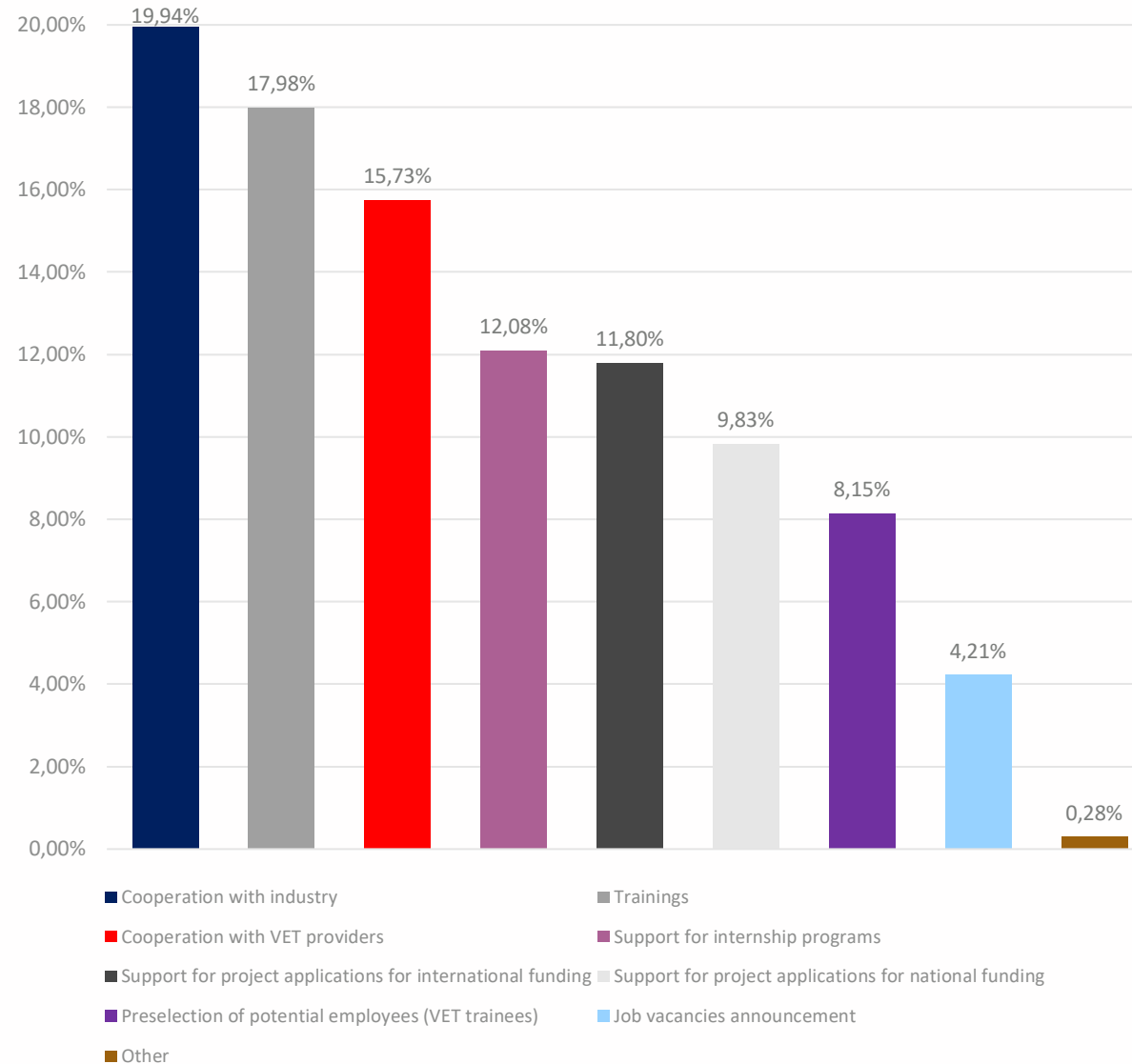
Generic skills (0=not necessary to 6=very necessary)

Generic skills (overall)

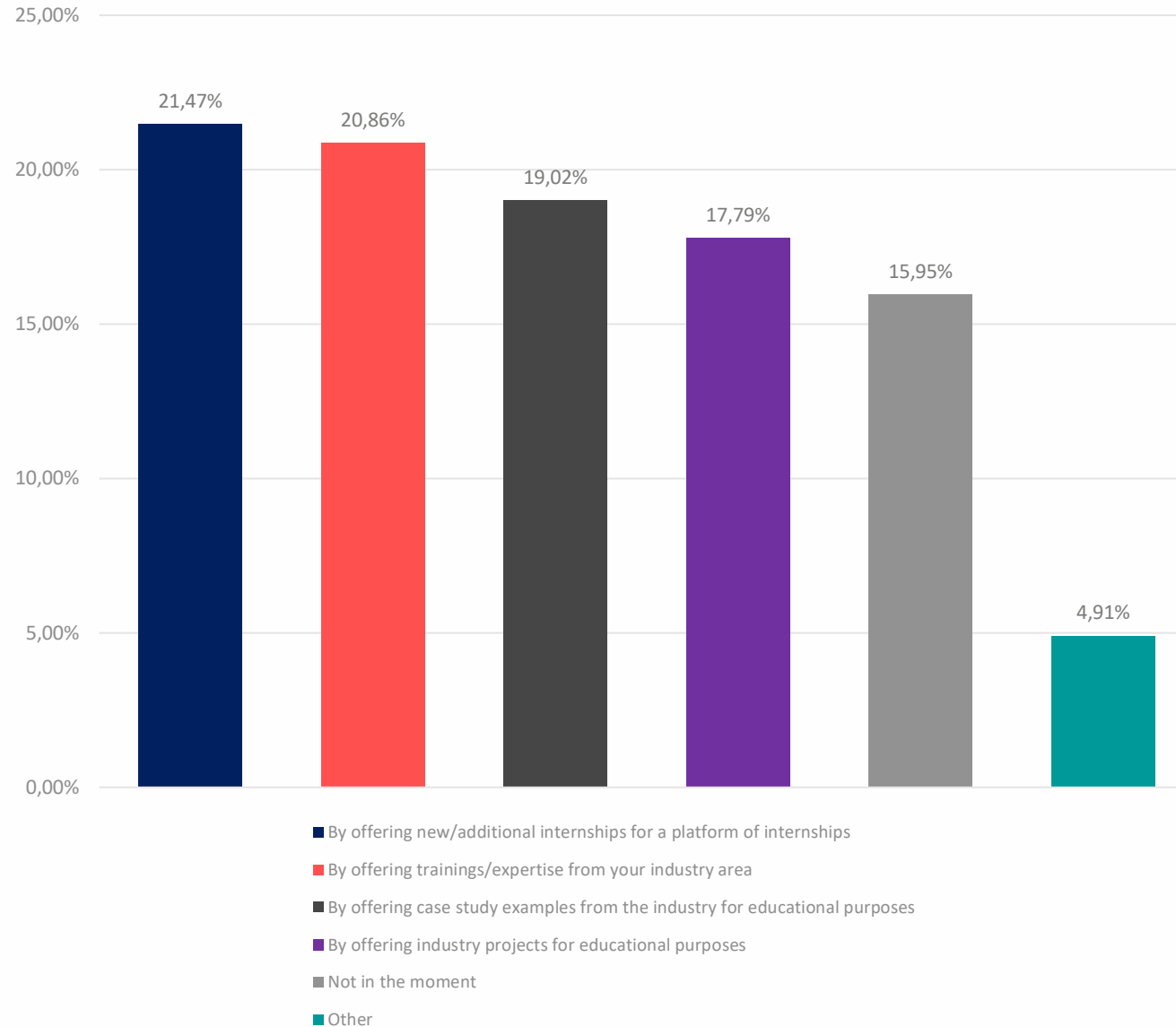


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Benefits from the CoVE services



Ways of support for the CoVE



CoVE Concept

GREEN INNOVATION ECOSYSTEM

- CoVE team
- VET institutions
- expert organisations
- public organisations & municipalities
- international networks
- large organisations & SMEs
- start-ups
- **employees**
- **teachers & educators**
- **students**
- citizens

GREEN SKILLS
NETWORK

*green technologies &
business solutions &
innovation projects*

*community & green
skills & innovation
competence building*

VET
EXCELLENCE
IN GREEN
INNOVATION

SMART LABS
& VIRTUAL LABS

GREENOVET
ACADEMY

*research projects & rapid
experimentation & testing -
learning by developing & doing*

Virtual Platform

- An online platform for virtual cooperation and learning.
- Used throughout the project time and beyond.
- Main purposes:
 - To create virtual classrooms for capacity building of the CoVEs.
 - To train the teachers by offering courses.
 - To foster peer-review, mentoring, and learning.
 - To develop an online portfolio of tools.
 - To implement international pilot projects.
 - To carry out a skills competition between regions.

GreenoVET Tool: Self-Assessment Tool to Measure Green Innovation Level

- Organisational capacity of the VET institution (Infrastructure, Funding and HR)
- Methods for education (selection of teaching methods that are key for green education in VET)
- Assessment practices
- Measuring impact
- Research and development potential in respect to green innovation and entrepreneurship
- Enabling and hindering factors for development of green innovation

GreenoVET Tool: To Measure Innovation Level

GREENOVET tool

testfileline:

Date:



Assess	Short scale (1-strongly disagree, 6-strongly agree)	Assessors	Feedback	Comment section (explain why you chose your response)																																																																																															
Organizational capacity of the VET institution (Infrastructure, funding, etc.)																																																																																																			
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GreenoVET Tool: Case Examples to Measure Organizational Capacity

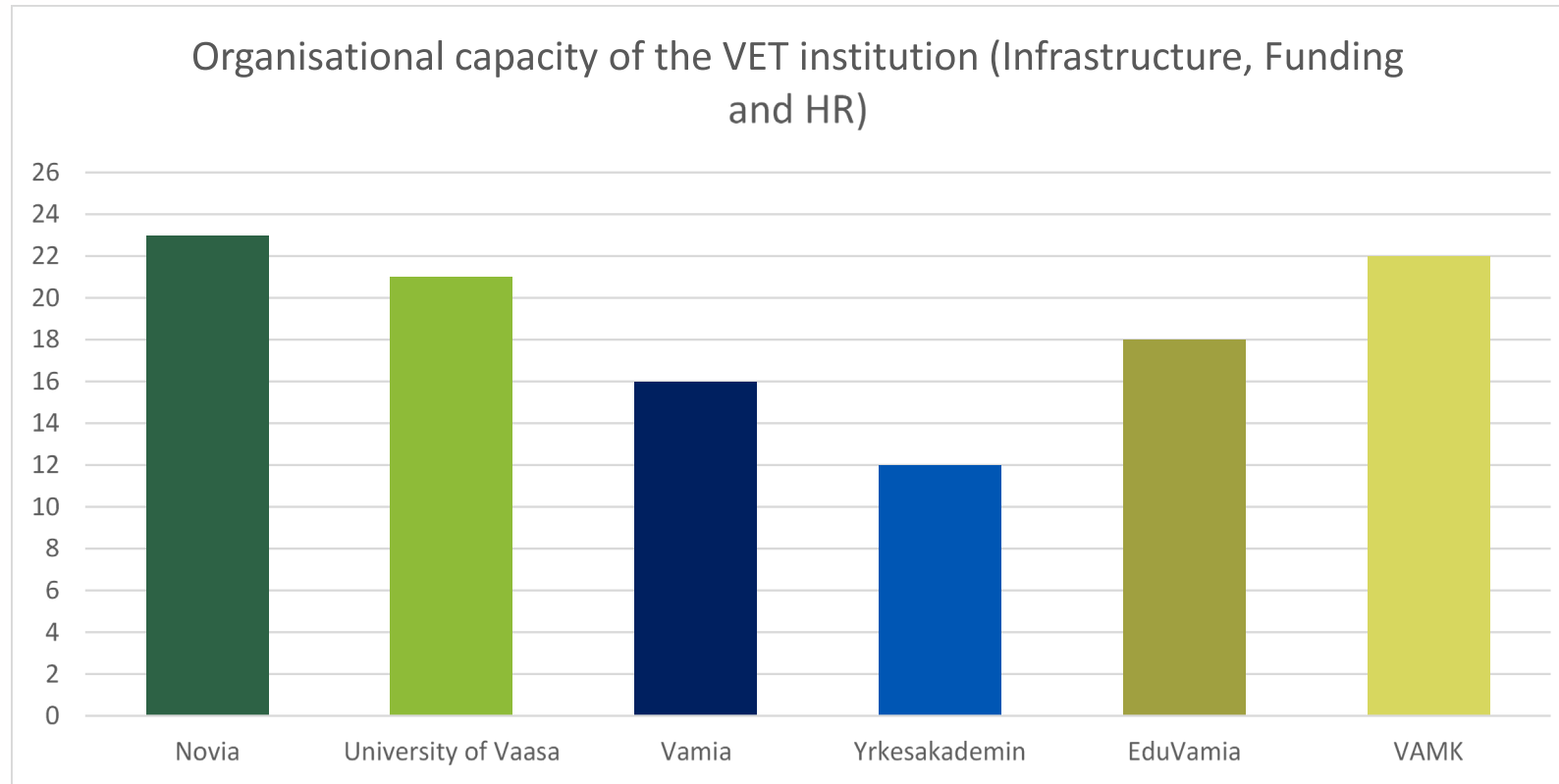


Figure 1 Total score for organisational capacity of VET institutions in the Vaasa region

GreenoVET Tool: Case Examples to Measure Organizational Capacity

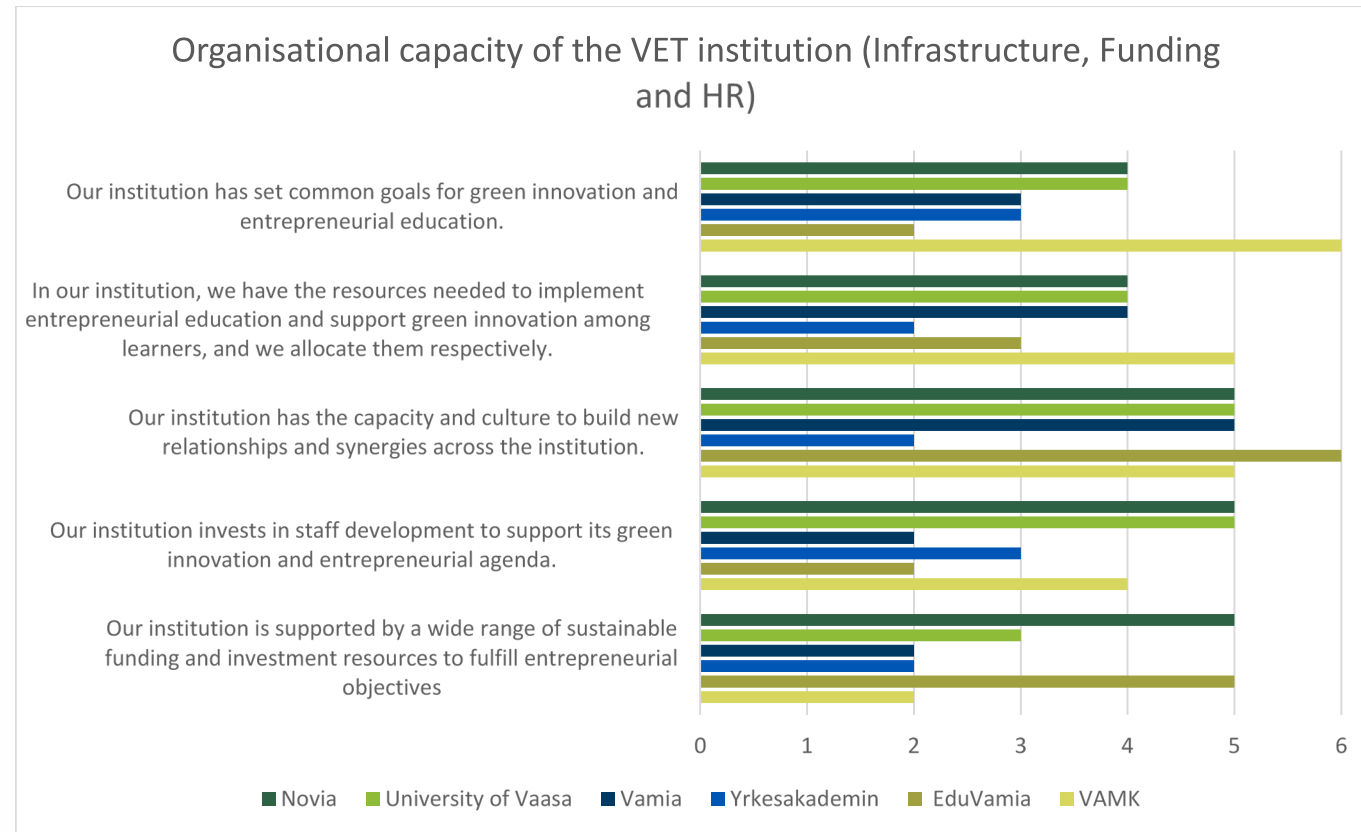


Figure 1 Organisational capacity of VET institutions in the Vaasa region

Feedback from the study

- Higher education institutions (HEIs) have more funding and cooperation opportunities than VET providers do.
- Single individual viewpoint versus a group of people assessing an organization
- Respondent might be from a single unit or department of the whole organization
- Varying teaching methods and topics on green issues
- HEIs have a system in place where they can focus on R&D within the field of a green transition

Conclusions

➤ Goal: Internationalization strategies

- To foster transnational mobility of VET learners, teachers, and trainers, as well as leaders.
- To transfer knowledge and initiate sustainable partnerships (e.g., study visits, workshops).

➤ Expected benefits: Wider society

- Green innovation opportunities for local and international initiatives.
- Environmental, social and economic development in Europe through green and sustainable innovation processes.
- Pan-European collaboration in VET Excellence.
- Curricula development and project creation.

Thank you

Questions/Comments are highly appreciated



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