THE MAIN FINDINGS OF THE RESEARCH

WHAT DO YOU THINK ABOUT THE FUTURE OF DIGITAL EDUCATION AND TRAINING IN EU?

- A survey to investigate about **trends, ideas and needs in education in relation to digital skills and tools**.
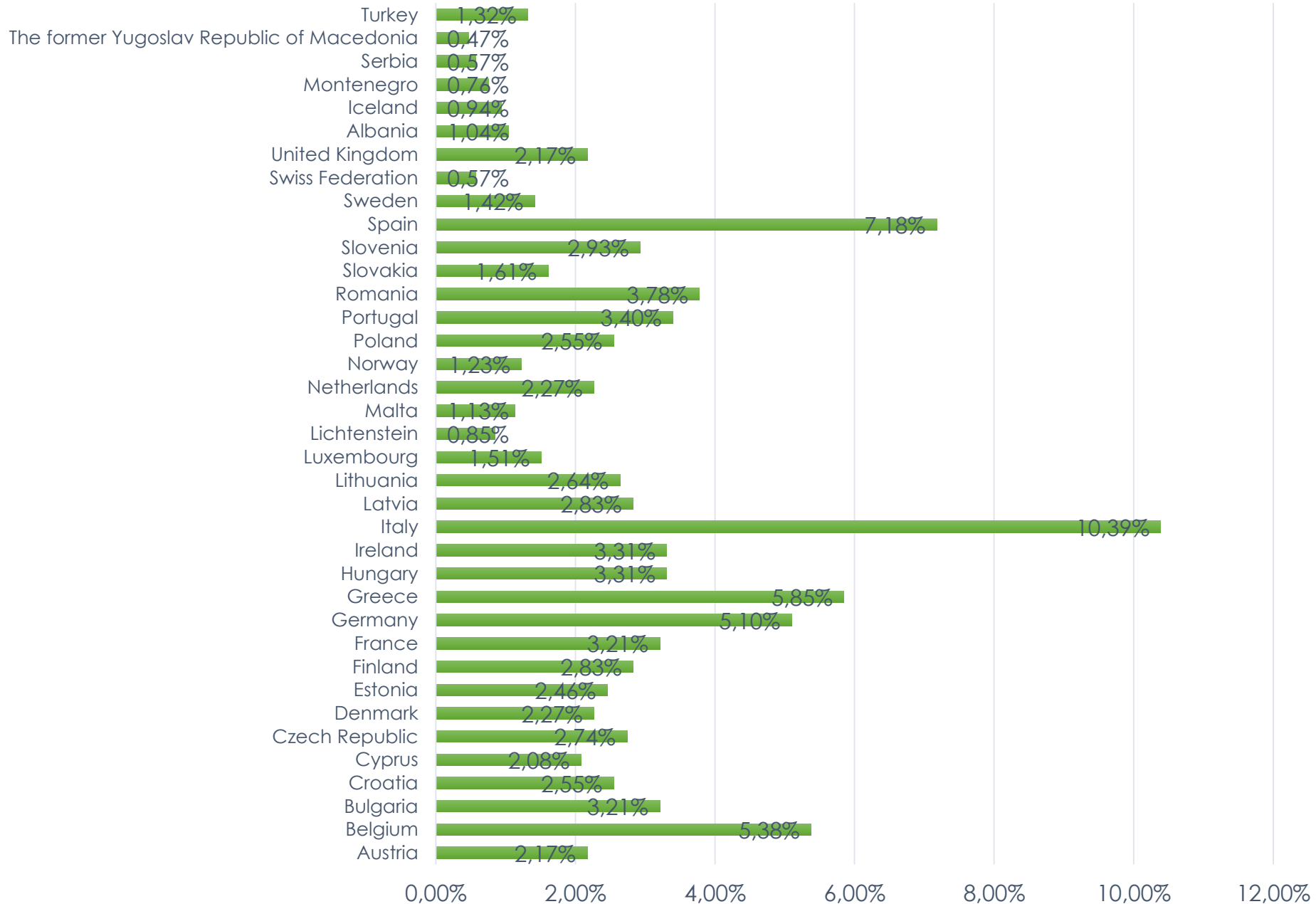
To picture the situation about:

❖The extent to which **digital tools** are used in education;

❖The level of **digital skills** among education providers

❖The extent to which organizations are equipped to embrace **digital transformation**

❖The most used or known **methodologies to use ICT tools** for educational purposes

❖The most used practices or methodologies to help **transition to employment**

❖The extent to which ICT tools can help **students'/learners' retention**

Fields of investigation

- ✓ Adult Education
- ✓ Higher Education
- ✓ School education
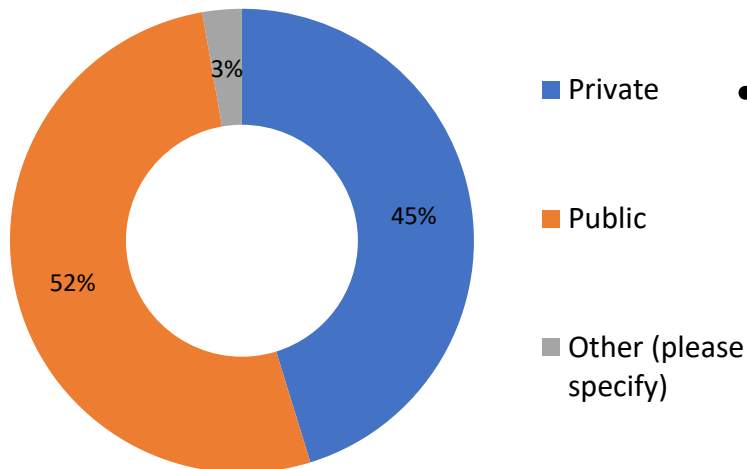- ✓ Vocational Education and Training

1059 respondents all over Europe

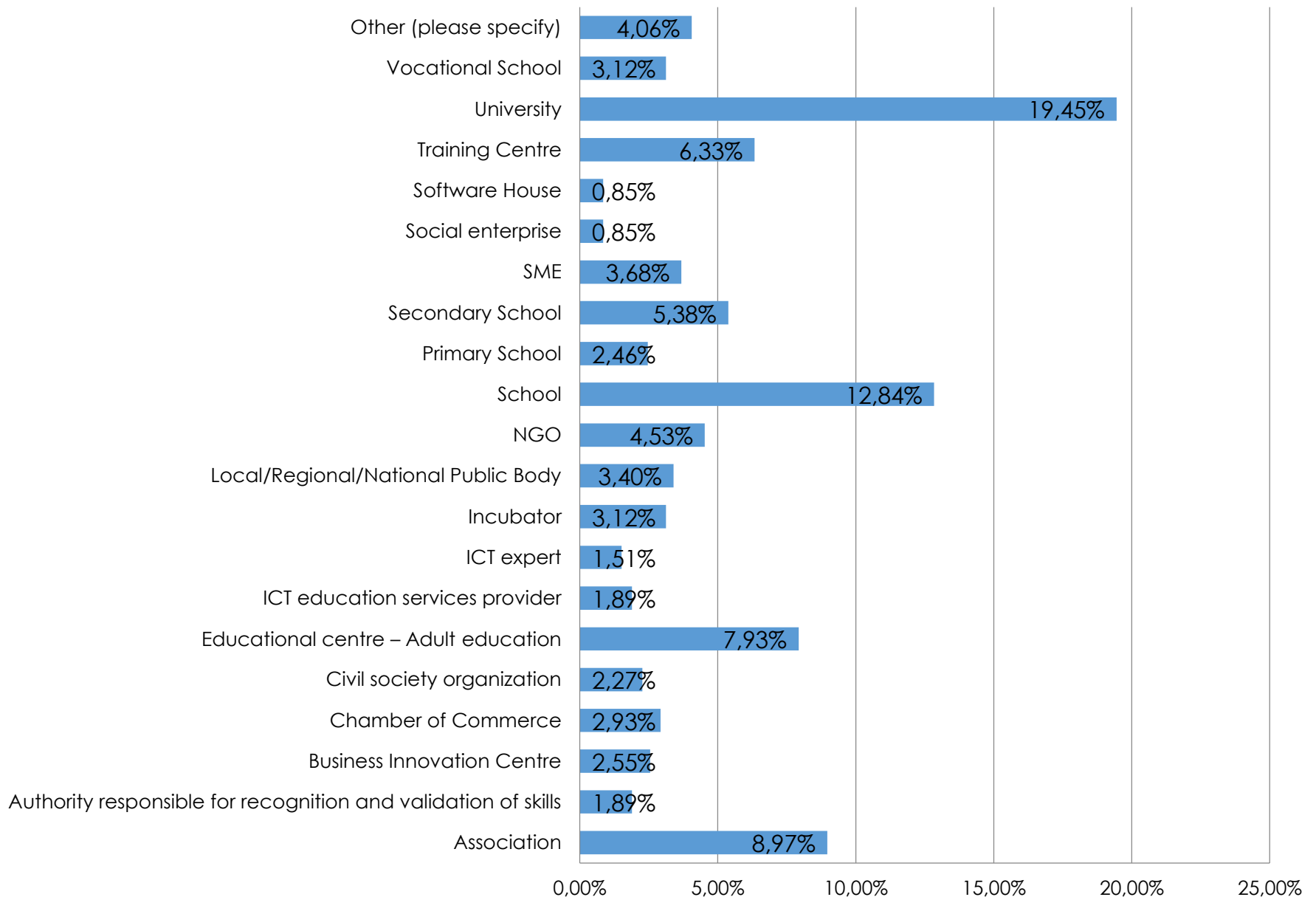| Country	Percentage
Turkey	1,32%
The former Yugoslav Republic of Macedonia	0,47%
Serbia	0,57%
Montenegro	0,76%
Iceland	0,94%
Albania	1,04%
United Kingdom	2,17%
Swiss Federation	0,57%
Sweden	1,42%
Spain	7,18%
Slovenia	2,93%
Slovakia	1,61%
Romania	3,78%
Portugal	3,40%
Poland	2,55%
Norway	1,23%
Netherlands	2,27%
Malta	1,13%
Lichtenstein	0,85%
Luxembourg	1,51%
Lithuania	2,64%
Latvia	2,83%
Italy	10,39%
Ireland	3,31%
Hungary	3,31%
Greece	5,85%
Germany	5,10%
France	3,21%
Finland	2,83%
Estonia	2,46%
Denmark	2,27%
Czech Republic	2,74%
Cyprus	2,08%
Croatia	2,55%
Bulgaria	3,21%
Belgium	5,38%
Austria	2,17%

Types of organizations

- Countries which participate the most to the survey were: Italy 10,39%, Spain 7,18%; Germany 5,10%, Portugal 3,40%, France 3,21%, Latvia 2,83% etc. Furthermore, all listed countries of the survey are represented even with a small percentage
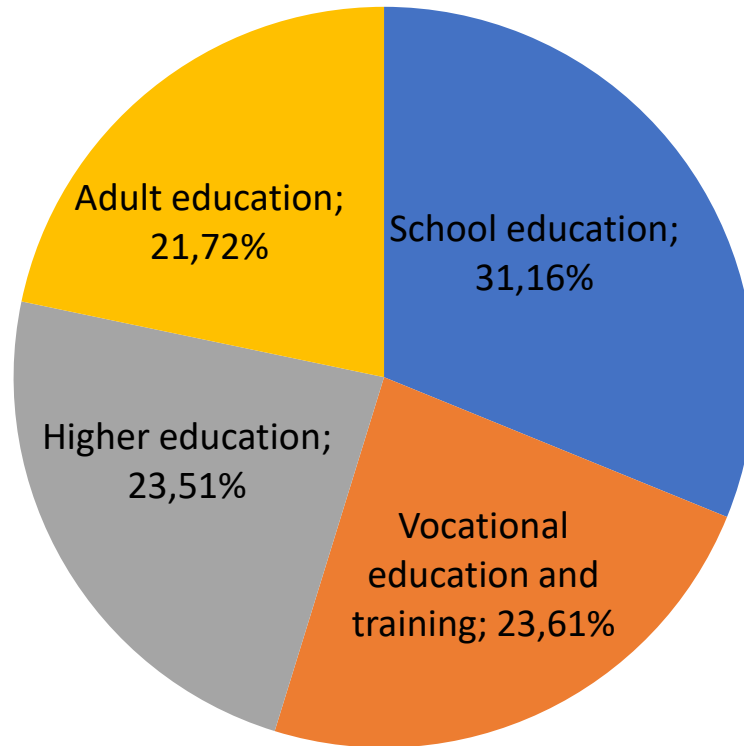
Responses

Legend:
- Private
- Public
- Other (please specify)

45%
52%
3%

- 52,03% of respondents are from the public sector and the 45,23% are from private sector.

Types of organizations

Type of organization	Percentage
Other (please specify)	4,06%
Vocational School	3,12%
University	19,45%
Training Centre	6,33%
Software House	0,85%
Social enterprise	0,85%
SME	3,68%
Secondary School	5,38%
Primary School	2,46%
School	12,84%
NGO	4,53%
Local/Regional/National Public Body	3,40%
Incubator	3,12%
ICT expert	1,51%
ICT education services provider	1,89%
Educational centre – Adult education	7,93%
Civil society organization	2,27%
Chamber of Commerce	2,93%
Business Innovation Centre	2,55%
Authority responsible for recognition and validation of skills	1,89%
Association	8,97%

Outcomes

- From a quantitative and a qualitative analysis of the survey results in all four sectors **we have delineated a set of recommendations,** i.e. statements that can be taken as suggestions to improve **in all sector or in a particular one**. In fact we defined our reccomendations as

  - **TRANSVERSAL**: suggestions which can be applied in all sectors
  - **SECTORIAL**: suggestions which can be applied only at one or at some of the specific sectors.

Transversal recommendations in a bit

Do not underestimate conventional communication to attract students/learners

ICT is fundamental to progress in personalization of learning systems to improve learners engagement

Digital skills for teachers /tutors is still an issue to address

Pay more attention on how to convey information sourced from the web to actual educational material

Structural investments and equipments are fundamental to embrace digital transformation

Augmented and virtual reality are still not very well known technology in education

More efforts are needed in facilitating education organizations links with stakeholders and businesses

Learning analytics is still underestimate

Recommendations of the Adult Education sector

Show how distance/blended learning and flipped classroom work

Improve connections between new and former students to show practical results

More attention and analysis of skills gap and labour market needs

Make use of e-portfolio or alternative CV to showcase learners competences

Recommendations of the Higher Education sector

Facilitate local stakeholders and businesses relation with HEI to help students progresses

Make students and alumni meet to increase motivation

Web lessons and cloud teaching is considered the future of education

HE in the future is considered to be closer to reasearch and cloud based solutions

Recommendations of the School sector

Show how distance/blended learning and flipped classroom work

Equipment and other sources of funding are fundamental in this sector to embrace digital transformation

Recommendations of the Vocational education and training

Equipment and other sources of funding are fundamental in this sector to embrace digital transformation

Facilitate local stakeholders and businesses relation with VET to help students progresses

More attention and analysis of skills gap and labour market needs

Make use of e-portfolio or alternative CV to showcase learners competences

Work based learning and apprenticeship are considered as key practices in VET but implementation should be facilitate

… Thank you for the attention

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