Aligning regional/national needs for skills with EU framework for education to promote a competitive innovation economy

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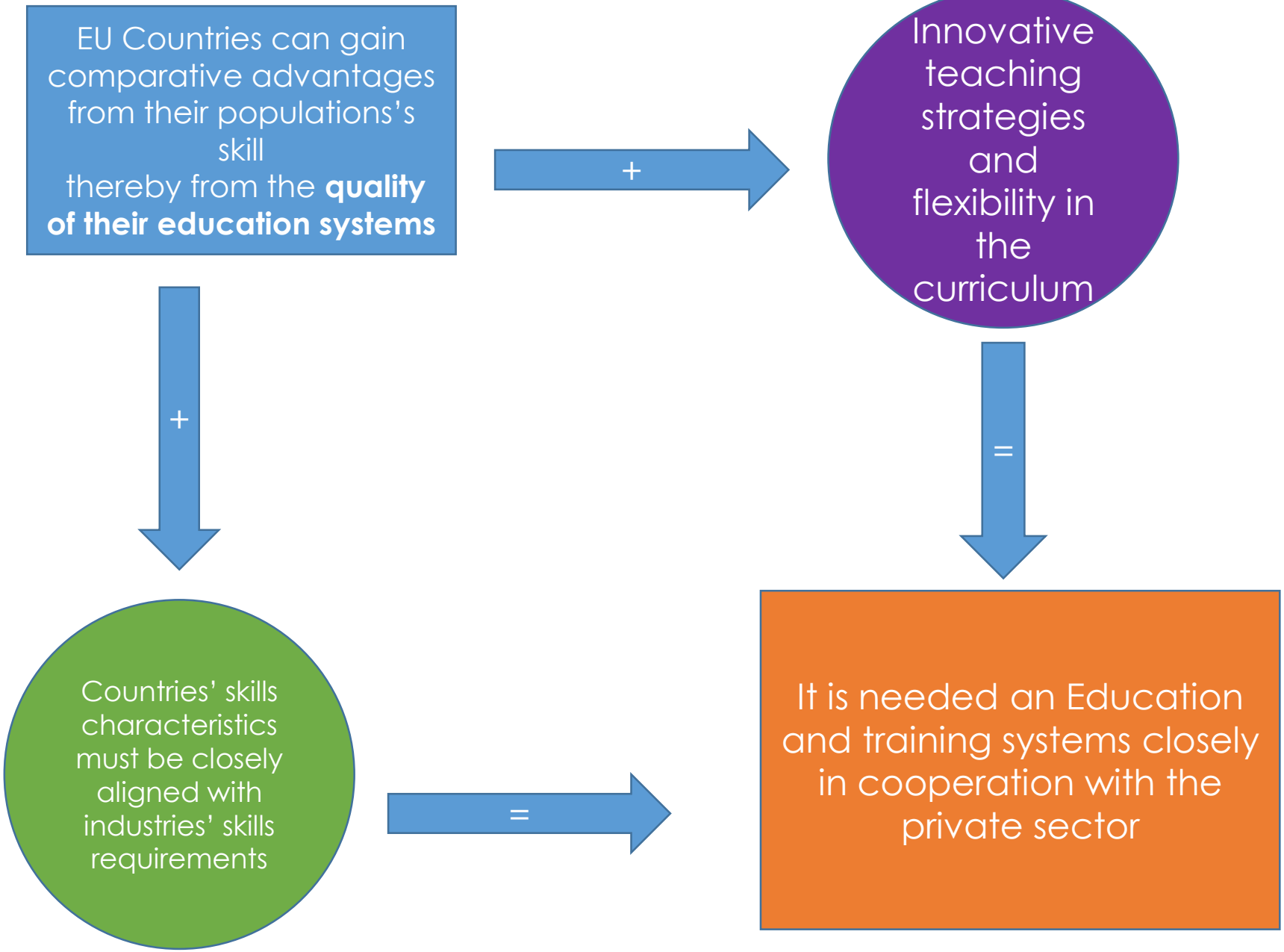
B.6.C. PARALLEL SESSION 3: Education for innovation: 27° June, 2019


EU Countries can gain comparative advantages from their populations's skill thereby from the **quality of their education systems**
+
Innovative teaching strategies and flexibility in the curriculum
+
=
Countries' skills characteristics must be closely aligned with industries' skills requirements
=
It is needed an Education and training systems closely in cooperation with the private sector

Digital and innovative skills are key for Europe's growth, inclusiveness and future prosperity

- It is people's skills that underpin an economy's capacity to innovate and adopt innovation successfully
- The **EU** is an open and increasingly knowledge-based economy but **has been struggling with low productivity growth**

Strategy for human capital and skills can help Europe in enhancing the innovation capacity of its economy

But which are the requirements needed in the future european education system? Can the digital be a key driver ?

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

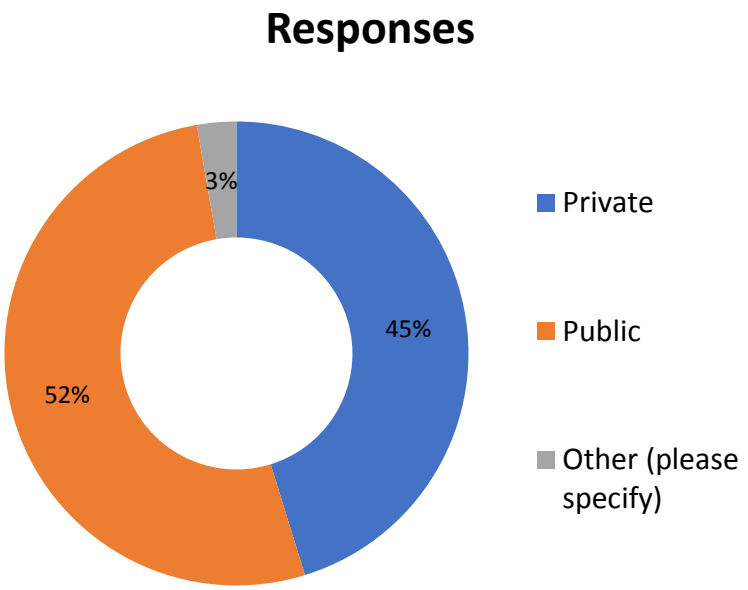
- A survey to investigate about **trends, ideas and needs in education in relation to digital skills and tools**.

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**

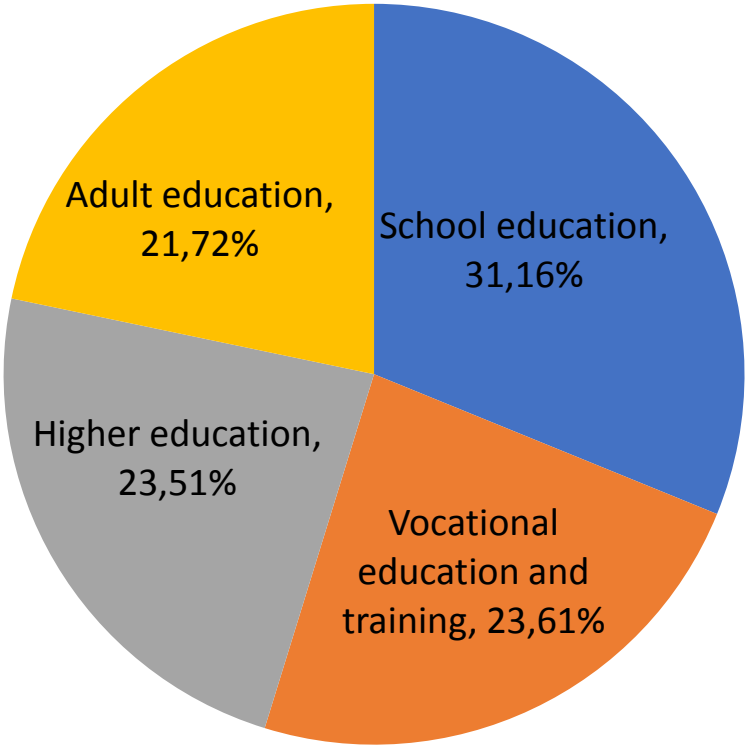
Fields of investigation

1200 Key Opinion leaders all over Europe



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

Sectors coverage



Outcomes

- From the analysis **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

The Lessons we're learning

The matching between the regional/national/EU needs for skills

Modern Equipments are fundamental in this sector to embrace digital transformation

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

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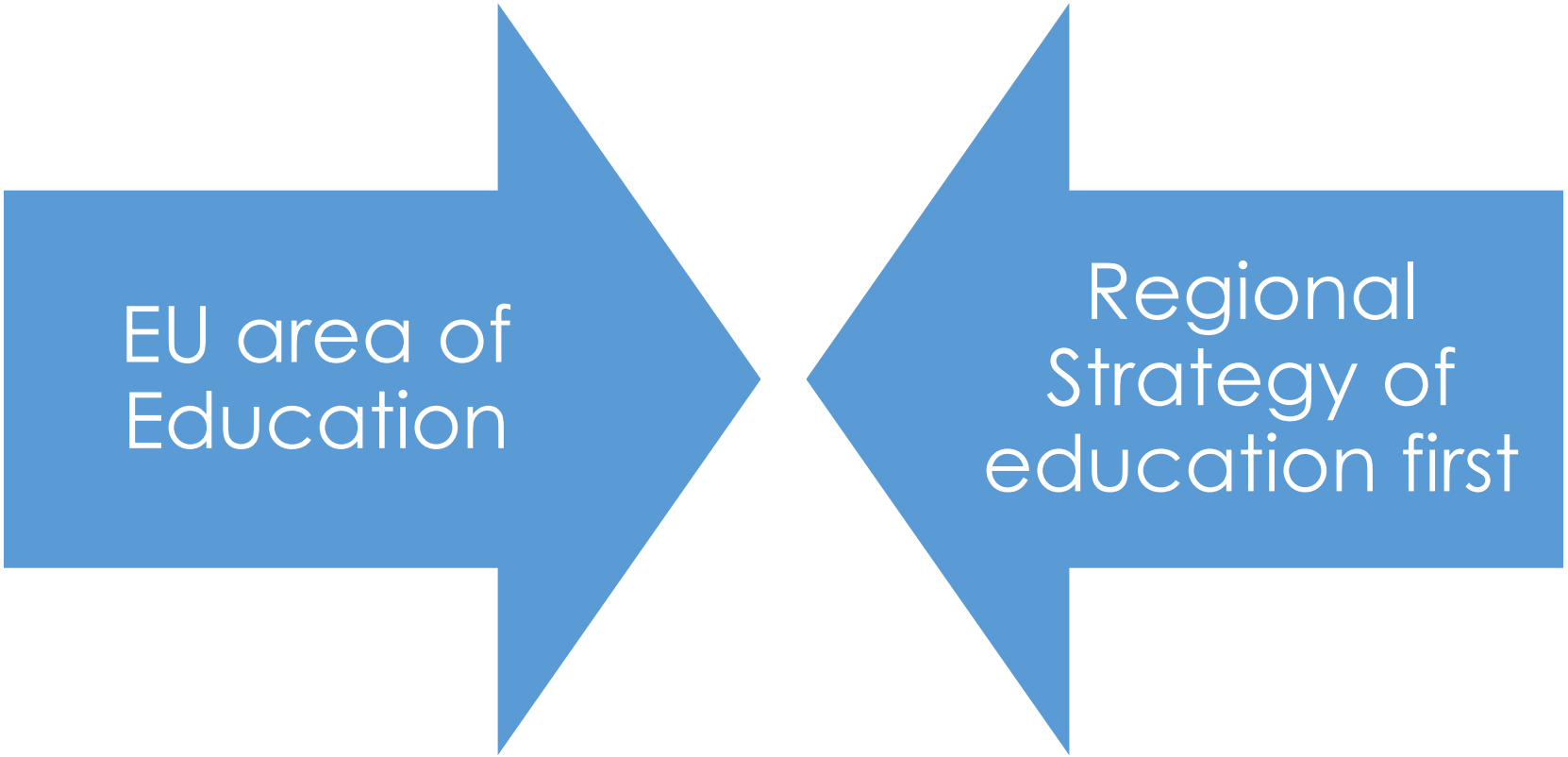
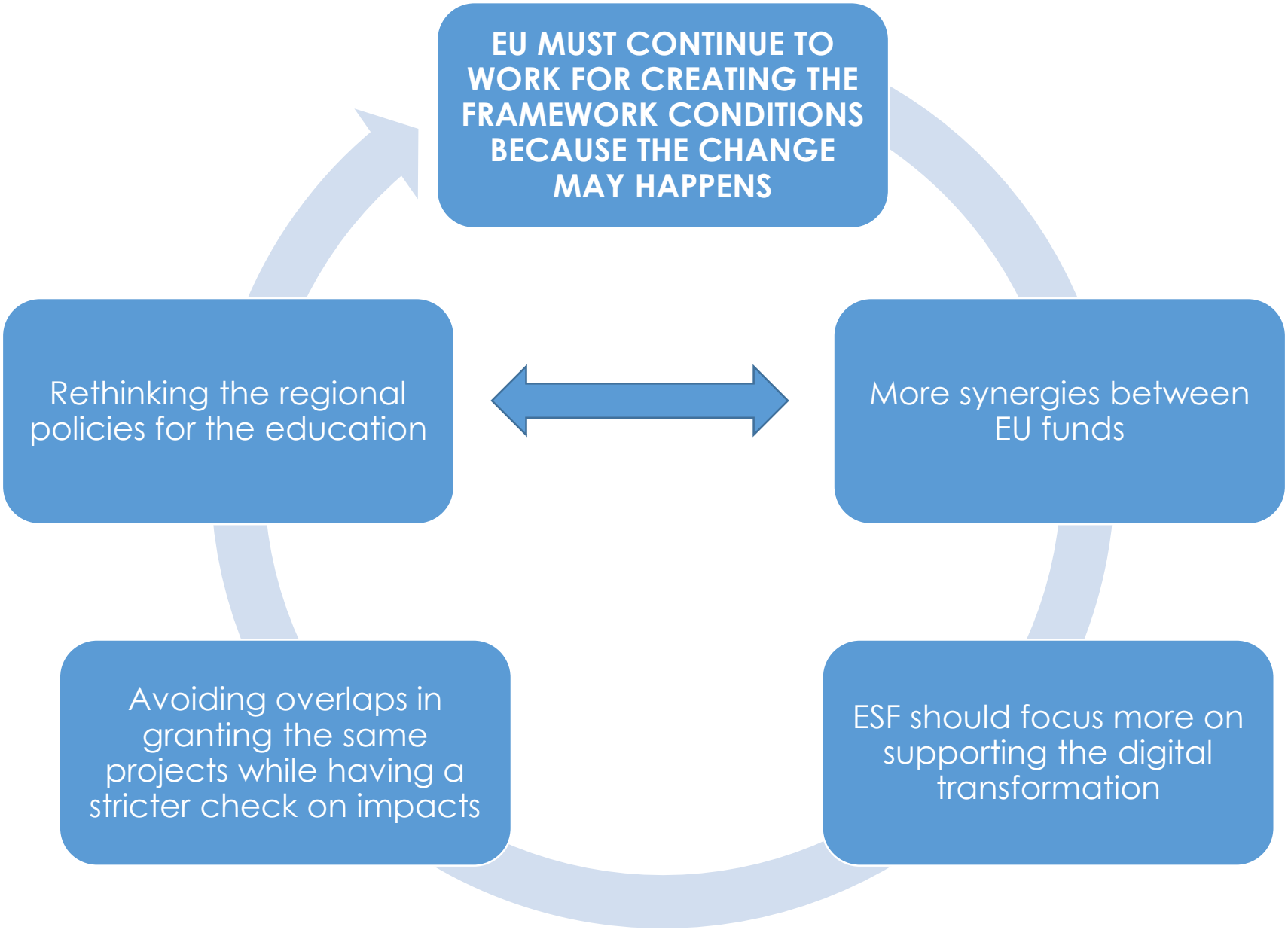
Make use of e-portfolio or alternative CV to showcase learners competences

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



A nice side effect of the «more regionalism» is, we can naturally fight against the increasing nationalisms


EU MUST CONTINUE TO WORK FOR CREATING THE FRAMEWORK CONDITIONS BECAUSE THE CHANGE MAY HAPPENS
More synergies between EU funds
ESF should focus more on supporting the digital transformation
Avoiding overlaps in granting the same projects while having a stricter check on impacts
Rethinking the regional policies for the education

Which educational goals are the European countries pursuing in 2030?

European Education and training 2030 Goal

Ensure all kids to a complete free, equitable and quality primary and secondary education

Ensure that all kids have access to quality early childhood development

Ensure equal access for women and men to affordable and quality technical, vocational and tertiary education

Increase the number of youth and adults who have relevant skills, for employment

Eliminate gender disparities in education and ensure equal access to all levels of education and vocational training

Ensure that all youth and a substantial proportion of adults achieve literacy and numeracy

All learners acquire the knowledge and skills needed to promote sustainable development

More «regionalism» means more Europe, a stronger one, not less

Unity in diversity

… Thank you for the attention

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