The Future of VET: Challenges and Trends across the EU

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Challenges

Example: Genetics

Automation

Artificial intelligence

Man-robot cooperation

Sharing economy
### Skills Stability, 2015–2020, industries overall

<table>
<thead>
<tr>
<th>Industry group</th>
<th>Unstable</th>
<th>Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industries Overall</td>
<td>35%</td>
<td>65%</td>
</tr>
<tr>
<td>Media, Entertainment and Information</td>
<td>27%</td>
<td>73%</td>
</tr>
<tr>
<td>Consumer</td>
<td>30%</td>
<td>71%</td>
</tr>
<tr>
<td>Healthcare</td>
<td>29%</td>
<td>71%</td>
</tr>
<tr>
<td>Energy</td>
<td>30%</td>
<td>70%</td>
</tr>
<tr>
<td>Professional Services</td>
<td>33%</td>
<td>67%</td>
</tr>
<tr>
<td>Information and Communication Technology</td>
<td>35%</td>
<td>65%</td>
</tr>
<tr>
<td>Mobility</td>
<td>39%</td>
<td>61%</td>
</tr>
<tr>
<td>Basic and Infrastructure</td>
<td>42%</td>
<td>58%</td>
</tr>
<tr>
<td>Financial Services &amp; Investors</td>
<td>43%</td>
<td>57%</td>
</tr>
</tbody>
</table>

Challenges

Job families in decline and on the rise

Source: Future of Jobs Report, World Economic Forum
Challenges

Migration

Ageing and shrinking workforce

Globalisation
Challenges – to prepare for what?

65% of today's 12-year-old children will have jobs that do not exist yet.

Vocational education and training is lifelong learning.
Policy implications for VET - system

- From processes to results
  - Result-oriented VET

- Rebalancing costs & equity
  - Cost-sharing and Investments

- Skills anticipation
  - Rapid reaction VET
  - Feed-back loops

- Systematic stakeholder participation
  - Shared & complex governance

- Efficiency and synergy
  - Integration of IVET & CVET up/re-skilling
Policy implications for VET – what, how, who

- Transversal skills
- Digital skills
- ICT tools

- Bussines-education cooperation
- Internationalisation
- Social dialogue

- Higher VET
- Flexibility
- Modularisation

- Learning technologies and environments
- Formal & non-formal learning

Skills

Actors

Pathways

Other
Everyone has the right to quality and inclusive education, training and life-long learning in order to maintain and acquire skills that enable them to participate fully in society and successfully manage transitions in the labour market.
Polical commitment

- Multi-annual Financial Framework 2020-2027 (Erasmus+, ESF...)
- Education and Training Strategy up to 2020 and beyond
- Riga Conclusions
- New Skills Agenda for Europe

We NEED to invest on EDUCATION!
This is crucial for the future.

Antonio Tajani
President of the European Parliament
Some EU actions—detail

ET 2020 Working Groups

Upskilling Pathways for low-skilled /low qualified adults

Joint Qualifications in VET
Preparing EU VET post 2020

- Digitalisation
- Validation
- Empowerment
- 21st century skills
- Internationa-lisation
- Teachers & trainers

VET post 2020
European Vocational Skills Week

- Mobilise national, regional and local stakeholders
- Promote excellence in VET
- 3rd edition
- 5-9 November 2018
- Main activities in Vienna
I have been impressed with the urgency of doing. Knowing is not enough; we must apply. Being willing is not enough; we must do.
- Leonardo da Vinci
Thank you