



Accelerating Europe's Tech Advantage


OECD, EU STEM Coalition, SEMI Europe, ECSA, ECDA
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Main DGs/Agencies involved in Skills

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 <p>DG Employment, Social Affairs and Inclusion</p> <p>EACEA</p>	<p><u>Pact for Skills</u></p> <p><u>Large-Scale Partnership in Microelectronics</u></p>	<p>Launched in 2020; thematic partnerships; focus in in upskilling and reskilling.</p>
	<p><u>ERASMUS+</u> (<u>Centre of Vocational Excellence</u>, <u>European Chips Skills Academy</u>, <u>EU Chips Diversity Alliance</u>, ...)</p>	<p>Three Key Actions: individuals, institutions, cooperation. CoVE supports the VET sector, for quality employment and career-long opportunities.</p>
	<p><u>Digital Education Action Plan 2021-2027</u></p>	<p>Challenges and opportunities of the digital transformation</p>
	<p><u>European Universities Initiative</u></p>	<p>65 EU Universities alliances with more than 570 higher education institutions, from all across EU.</p>
	<p><u>European approach to micro-credentials</u></p>	<p>Recommendation with definition, standards for describing issuing micro-credentials.</p>
	<p><u>EIT Digital</u></p>	<p>Pan-European ecosystem to address the technology, talent, skills, business needs.</p>
 <p>DG Education, Youth, Sport and Culture</p>	<p><u>STEM Education Strategic Plan</u></p> <p><u>EU STEM Coalition</u></p>	<ul style="list-style-type: none"> Measures for advancing STEM education and training to increase talent across the EU. Shape education policies and practices to target solutions to skills mismatch in STEM.


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 DG HOME	<u>Talent Partnerships</u>	To boost international labor mobility at all skills levels and contribute to migration management. Migration and Asylum.
	Talent Pool	The first EU-wide matching tool to facilitate international (from outside the EU) recruitment.
 DG GROW	<u>Net Zero Industry Act</u>	To scale up the manufacturing of clean technologies in the EU. Setting up Net-Zero Industry Academies and relevant training and education on net-zero technologies.
 DG REGIO	<u>Harnessing Talent in Europe's Regions & Talent Booster Mechanism</u>	It supports EU regions affected by the accelerated decline of their workforce, to train, retain and attract people, skills and competences.

Union of skills

DG CNECT

	<u>Digital Skills and Jobs Platform</u>	The Platform provides open access to a wide variety of high-quality information and resources of digital skills and jobs.
	<u>Digital Europe Programme</u> <ul style="list-style-type: none">• Edu4Chip, GreenChips-EDU, Chips of Europe, RESCHIP4EU, ...• Chips Skills and other Academies• Selected key digital areas	<ul style="list-style-type: none">• Project focused on Semiconductors!• Academies on Quantum, AI, Virtual Worlds and Chips.• Excellence in higher education and training programmes in key digital areas and applied technologies.
	<u>Industrial Alliance WG on Skills</u>	Recommendations/common actions to reduce the talent gap. <u>Blueprint</u> with 7 recommendations.
	<u>Important Project of Common European Interest – IPCEI ME/CT</u>	Dissemination, events, job offers, ... Several thousands of direct jobs are expected to be created by all IPCEI projects.

What we need

- Coordinated Commitment (involving Industry, Academy, Gov and Regional Authority, CCC)
 - Awareness campaign
 - Multiply and amplify initiatives
 - STEM and women
 - Cross-border projects
 - Accompanying measures: teach the teacher, training material, support for mobility ...
 - Long term sustainability
 - One-stop-shop (network?)
- Priority criteria: by time, by impact, by resource distribution.

Actions:

- Awareness campaign (big impact but long-term)
- Micro-credentials for up- and re-skilling (short-term but focused targets)
- Scale up local initiatives (ok but resources dependent)



Thank you