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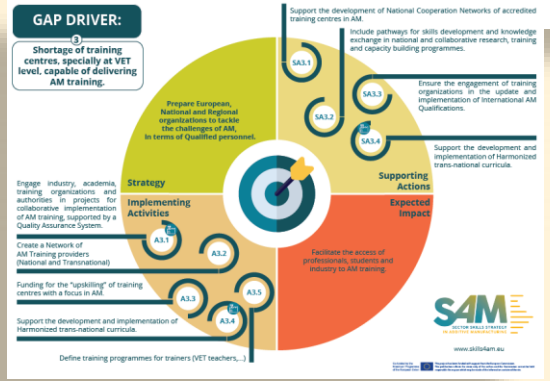
#SocialRights

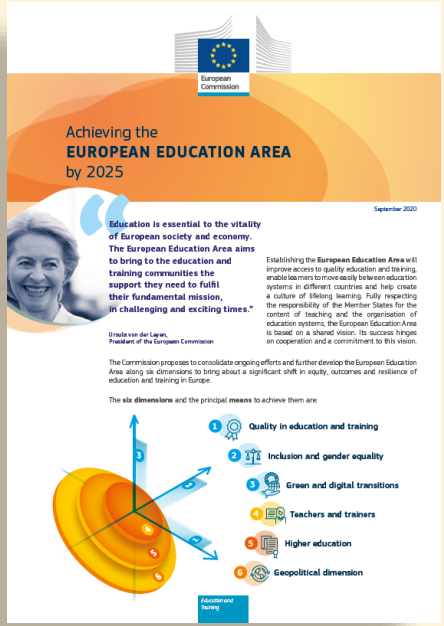
The Sector Skills Strategy in Additive Manufacturing

https://skills4am.eu/



European Commission

EUROPEAN SKILLS AGENDA
FOR SUSTAINABLE COMPETITIVENESS, SOCIAL FAIRNESS AND RESILIENCE



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The European Pillar of Social Rights

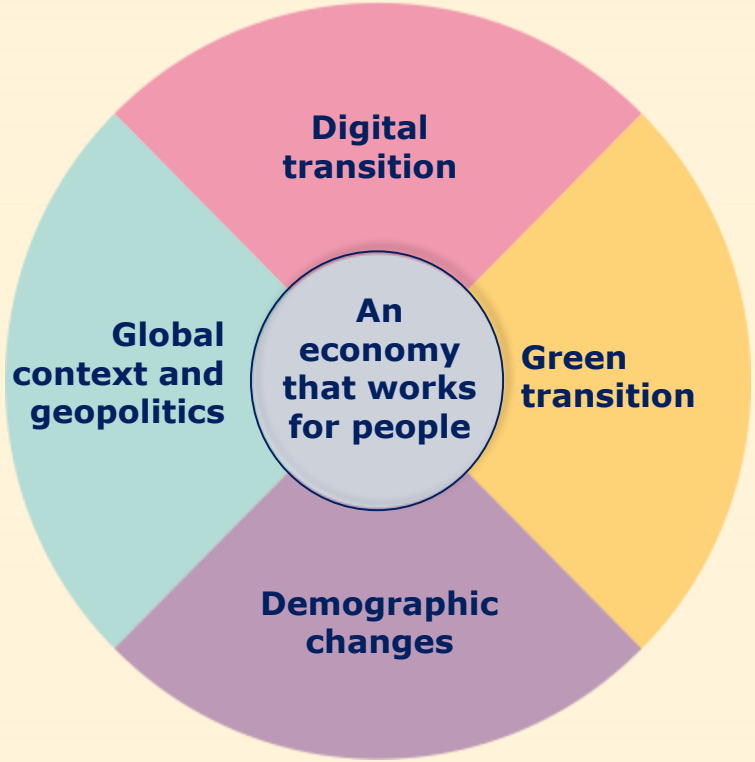
Principle 1

Education, training and life-long learning

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 manage successfully transitions in the labour market

Strong Social Europe for Just Transitions and Recovery

- Guide **policy decisions** in the Member States, including in the context of **national recovery and resilience plans**.
- Europe's economy is going through the **green, digital and demographic transitions.** The EU has to ensure that people and their wellbeing remain centre stage.
- The **twenty principles of the European Pillar of Social Rights** remain the beacon guiding us towards a strong Social Europe and set the vision for our **new 'social rulebook'**



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2021

At least

78%

of the population aged 20 to 64 should be **in employment** by 2030

2030

Current level: 73.1% (2019)

2021

At least

60%

of all adults should **participate in training** every year by 2030

2030

Current level: 37.4% (2016)

At least

15 million

fewer people at risk of poverty or social exclusion by 2030

Current level: 91 million persons (2019)

European Commission

Pact for Skills - *Types of Skills Partnerships*

LARGE SCALE PARTNERSHIPS

- Major players in industrial ecosystems
- Public authorities
- Concrete investments in upskilling opportunities for employees in the company and in a whole value or supply chain

SOCIAL PARTNERS ARRANGEMENTS

Tripartite agreements focus on upskilling and reskilling

NATIONAL/REGIONAL/ LOCAL PARTNERSHIPS

- Employers
- Public authorities
- Stakeholders e.g. VET providers, PES, social partners
- Sectoral or regional focus on upskilling

COMMITMENTS

- Companies
- Stakeholders
- Commit to provide quality upskilling opportunities

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EU funding opportunities for Skills

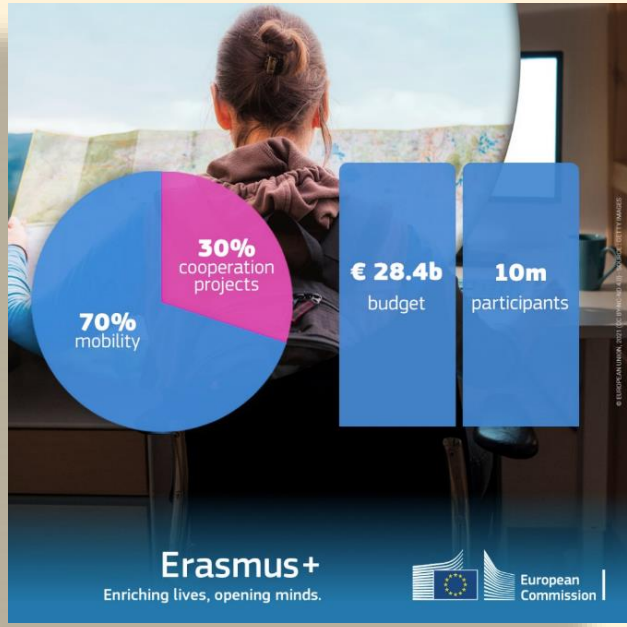
- Erasmus+
- European Social Fund (ESF+)
- The European Regional and Development Fund (ERDF)
- Recovery and Resilience Faculty (RRF)
- Digital Europe Programme
- InvestEU
- REACT-EU
- Technical Support instruments (TSI)
- The European Investment Bank (EIB)

ESF
Investing in people
European Social Fund

European Commission

Erasmus+ programme 2021-2027

- The Programme will count on a total financial allocation of **€26.274 billion**
- Erasmus + will also receive €2.2 billion as financial contribution from the EU's external instruments (NDICI and IPA III)
- The Education and Training area will receive **€21.396 billion** (83%), out of which €**4.385 billion for VET** and **€1.182 billion for Adult Learning**

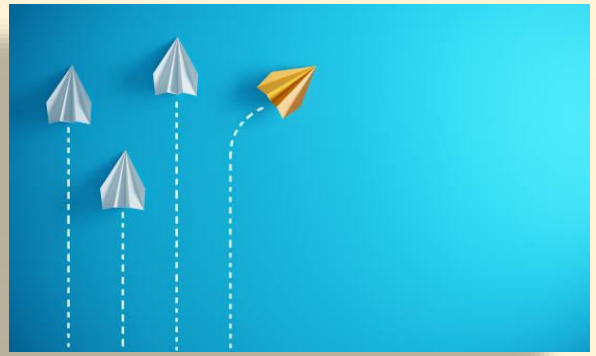


Partnerships for Innovation (Ka2) - Alliances for Innovation

***Lot1* Alliances for Education and Enterprises**

Aims:

- Innovative and multidisciplinary approaches to teaching and learning
- Corporate social responsibility
- Sense of initiative and entrepreneurial attitudes, mindsets and skills (Entrecomp)
- Quality and relevance of skills
- Flow and co-creation of knowledge
- VET and HE systems > Innovation



Grant: €1.000.000 for 2 year projects,
€1.500.000 for 3 year projects

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Partnerships for Innovation (Ka2) - Alliances for Innovation

***Lot2* Alliances for Sectoral Cooperation on skills (Sectoral Blueprint)**

Characteristics:

- Large sector-based Europe-wide projects tackling skills gaps
- Must cover lower and higher VET levels: EQF 3-5 and 6-8;
- Sectors: 14 industrial ecosystems of the Industrial Strategy
- Synergies with sectoral partnerships under the Pact for Skills
- Drawing on evidence on skills needs in occupational profiles
- Support the design and delivery of transnational education and training content for quick take-up at regional and local level and for emerging occupations

Grant: €4.000.000 for 4 year projects

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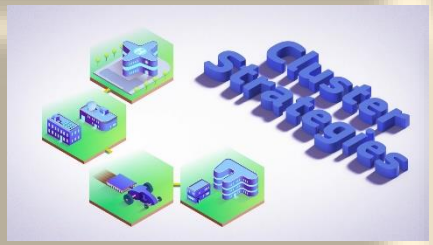
Partnerships for Excellence (Ka2)
Centres of Vocational Excellence https://europa.eu/!cu83xr

CoVEs an integrative part of local skills ecosystems, contributing to:

- ***Innovation,***
- ***Regional development,***
- ***Smart specialisation strategies,***
- ***Cluster strategies***



Bringing together:

- *VET institutions*
- *Universities of applied science*
- *Research centres*

- *Companies*
- *Chambers*
- *Professional or sector associations*
- *Trade unions*

- *Policy makers*
- *Employment services/agencies*
- *Regional development agencies*
- *Municipalities*

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Partnerships for Excellence (Ka2)
Centres of Vocational Excellence

- **2021-2027:** €400 million for 100 Platforms of CoVE
- **Applicant**: Any organisation established in a Programme Country
- **Partners**: Any public or private organisation active in field of VET, or world of work. Can be from any country in the world, but non-programme partners must bring an 'essential added value'
- **Partnership:** at least 8 full partners from a minimum of 4 Programme
  - a) at least 1 enterprise, industry or sector representative organisation, and
  - b) at least 1 VET provider (at secondary and/or tertiary level)
- **EQF levels:** Can be at any EQF level but must include levels 3, 4 or 5
- **Maximum grant**: €4 million per project with 4 year project duration

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Centres of Vocational Excellence
The operational framework

Foster Vocational Excellence at two levels

NATIONAL

Through Centres of Vocational Excellence (CoVE)

Operating in a **given local context**, embedding them closely in the local innovation and skills ecosystems, working with businesses, chambers, tertiary education, research institutions, public authorities, etc.

TRANSNATIONAL

Through networks establishing world-class reference points for VET bringing together partners that share a common interest in:

- **Specific sectors/trades** - *such as Cultural and creative industries, aeronautics, e-mobility, green technologies, healthcare,…*
- **Societal challenges** - *such as integration of migrants, Digitalisation, AI, SDG, upskilling and reskilling…*

Centres of Vocational Excellence

Key success factors

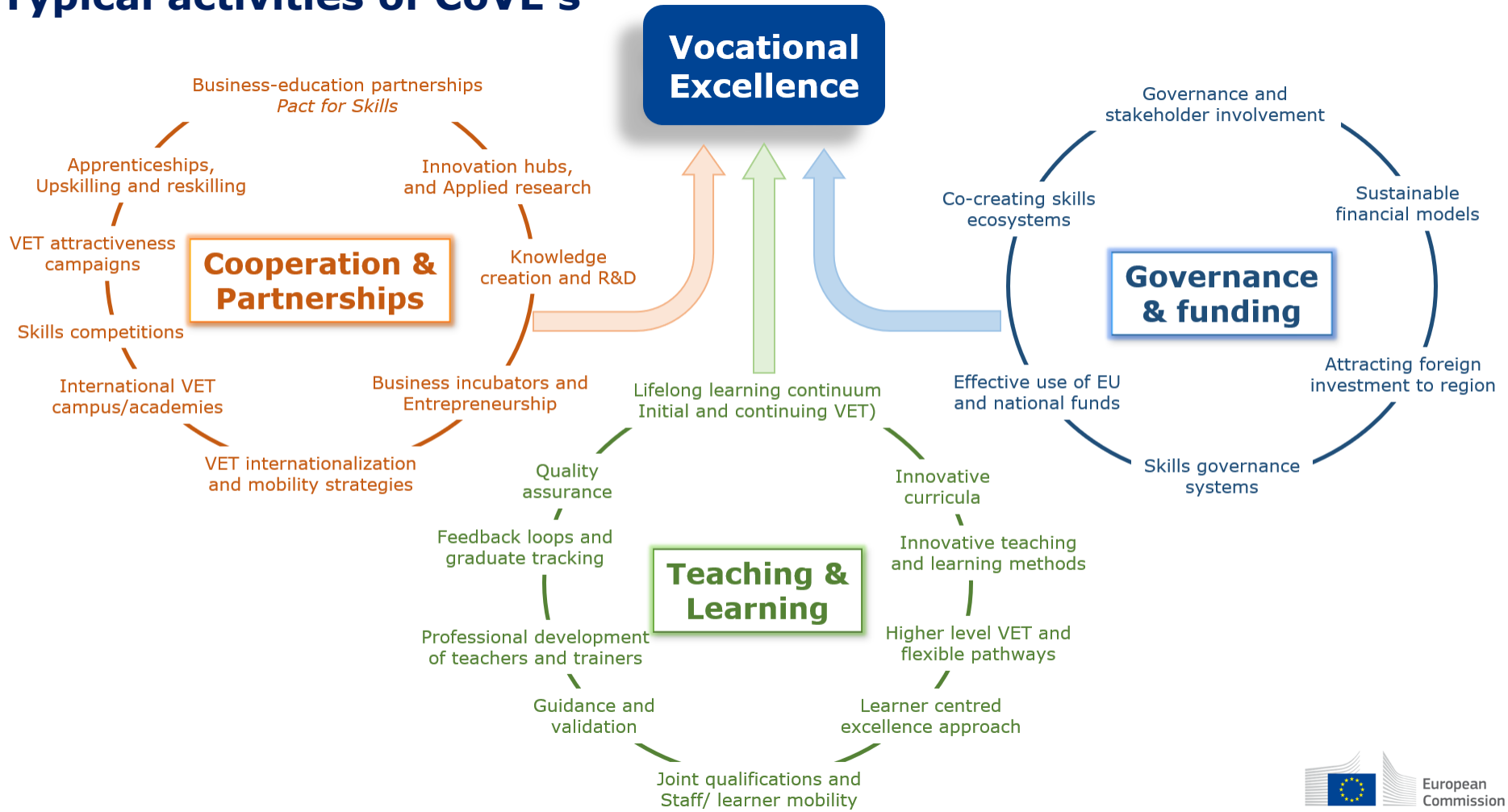
- **Strong and enduring partnerships**
  VET providers (including VET at tertiary level), higher education institutions, and businesses, in which interactions are reciprocal and mutually beneficial

- **Anchored into strategic frameworks for regional development, clusters, innovation, smart specialisation…**
  Allows for the identification of synergies between policies and amongst stakeholders

- **Integration of activities**
  CoVEs achieve more than sum of the parts

@Robert Kelly

Typical activities of CoVE's



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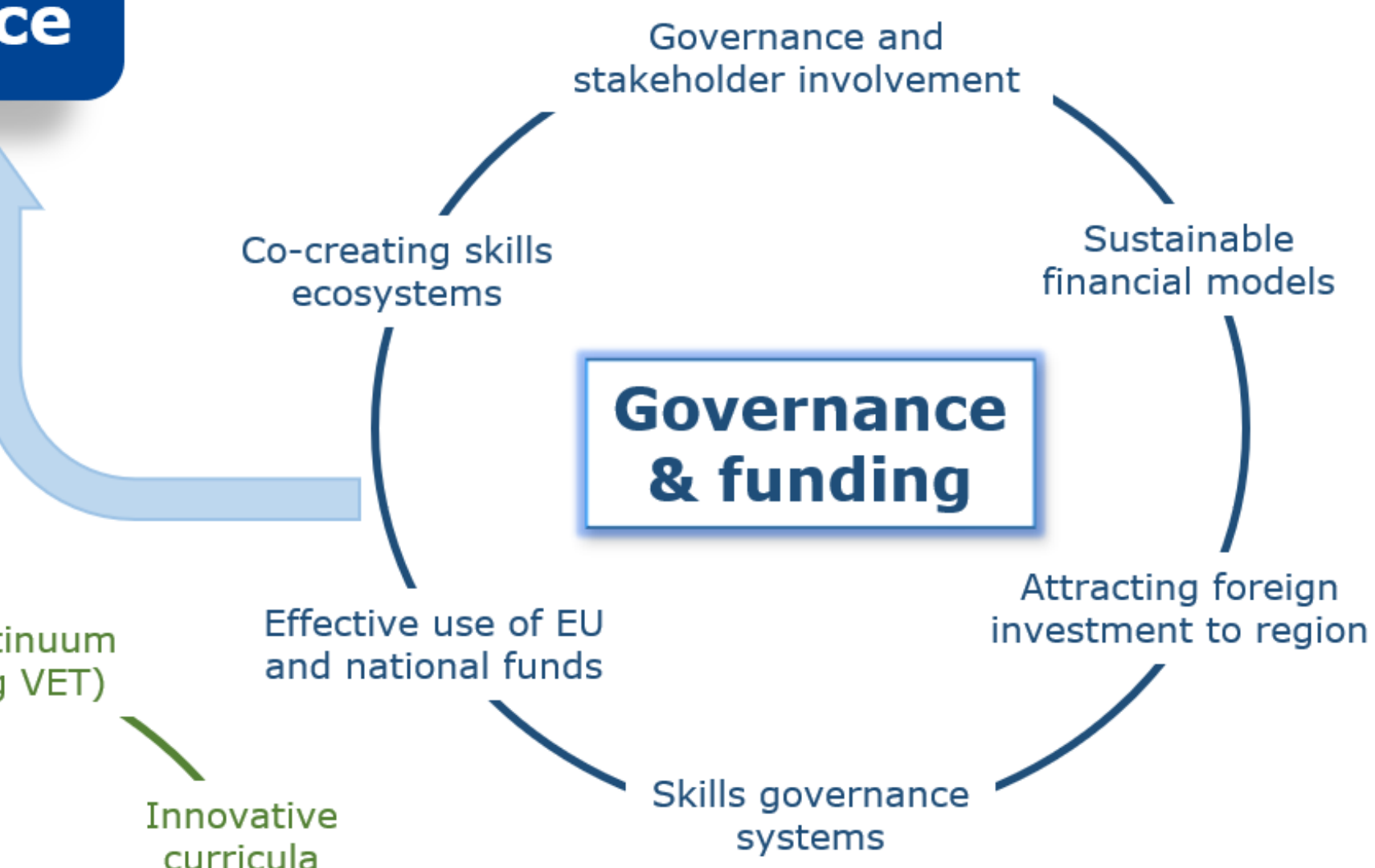
Business incubators and Entrepreneurship
Lifelong learning continuum Initial and continuing VET)
Effective use of EU and national funds
onalization strategies
Quality assurance
Innovative curricula
Feedback loops and graduate tracking
Innovative teaching and learning methods
Teaching & Learning
Professional development of teachers and trainers
Higher level VET and flexible pathways
Guidance and validation
Learner centred excellence approach
Joint qualifications and Staff/ learner mobility

Business-education partnerships
Pact for Skills
Apprenticeships,
Upskilling and reskilling
Innovation hubs,
and Applied research
VET attractiveness
campaigns
Cooperation &
Partnerships
Knowledge
creation and R&D
Skills competitions
International VET
campus/academies
Business incubators and
Entrepreneurship
Lifelong learn
Initial and co
VET internationalization
and mobility strategies
Quality
assurance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Governance and stakeholder involvement
Sustainable financial models
Attracting foreign investment to region
Skills governance systems
Effective use of EU and national funds
Co-creating skills ecosystems
Governance & funding
tinuum
g VET)
Innovative curricula
on

Centres of Vocational Excellence
Erasmus+ 2019 & 2020 Pilot projects

EXAM 4.0 — THE EXCELLENT ADVANCED MANUFACTURING 4.0

Advanced Manufacturing 4.0
https://examhub.eu/

PoVE Water — Vocational Excellence

Water sector
https://povewater.eu/

DIHUB

Digital Innovation Hub
https://dihubcloud.eu/

DeuS — Learn, Design, Create

Cultural and creative industries
http://deuscci.eu/

TALENT JOURNEY

IoT in Smart manufacturing
https://talentjourney.si/

GIVE

Inclusive excellence
https://www.thegiveproject.eu/

ECOVEM — European Centre of Vocational Excellence in Microelectronics

Microelectronics
https://ecovem.eu/

bridges — AN AQUACULTURE INITIATIVE

Finfish industry
http://www.bridges.eu/

Allview

Furniture and Wood
https://www.allview.eu/

greenovet — Skills for a Green Europe

Green Innovation
http://www.greenovet.eu/

EUROPEAN PLATFORM URBAN GREENING

Urban Greening
https://www.facebook.com/European-Platform-Urban-Greening-106220718115727/

3LoE

Innovation in the Green Economy
https://3-loe.eu/

European Commission

More information

Europa **Website on CoVE**:
https://ec.europa.eu/social/vocational-excellence

The **Erasmus+** programme
https://ec.europa.eu/programmes/erasmus-plus/node_en

Functional mailbox for all questions related to CoVE call:
EACEA-EPLUS-VET@ec.europa.eu

Webpage for **applying for Erasmus+ funding** for CoVEs
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/erasmus-edu-2021-pex-cove

The Center of Vocational Excellence **Match Making Map** (developed by Katapult):
https://www.wearekatapult.eu/cove-match-making-map/

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