# Stages of the Blueprint for Sectoral Cooperation on Skills

Photo: © Shutterstock, 2018

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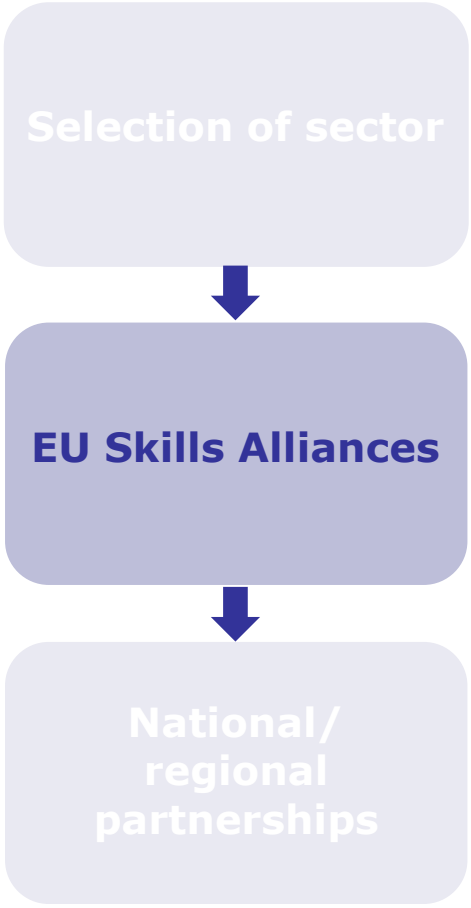


**Success factors:**

- ✓ A healthy mix of business, industry, education & training providers, chambers, trade organisations
- ✓ Addresses skills shortages and unemployment
- ✓ Develops a sector skills strategy, concrete VET solutions, and a long term action plan
- ✓ Makes use of EU tools e.g. EQF, ESCO, Europass, ECVET, EQAVET

**https://ec.europa.eu/social/main.jsp?catId=1415&langId=en**

European Commission

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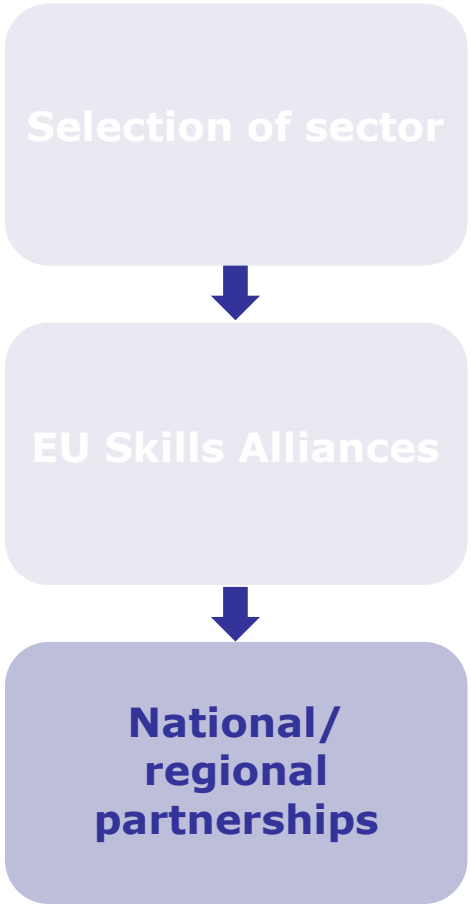


**Success factors:**

- ✓ Strategies and actions have been adapted to the national or regional context
- ✓ The fields of business, education, training, research and public authorities are working in close partnership
- ✓ Promotion and dissemination feed back to EU-level, national or regional policies, initiatives and intelligence tools

European Commission

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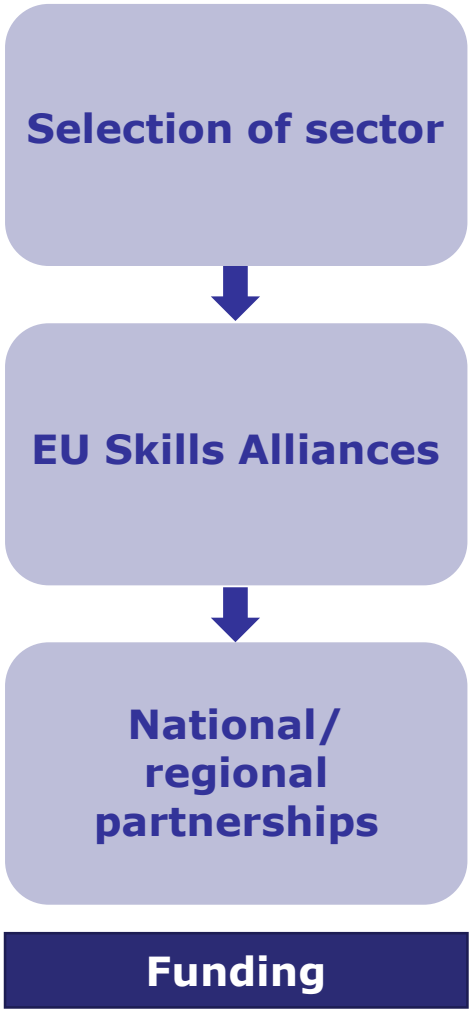



**EU Partnerships:**

Erasmus+ Sector Skills Alliances, COSME, EMFF, other possibilities in the future

**National roll-out:**

ESF, ERDF, national/regional, private funding

European Commission

# New initiative in Erasmus+: Centres of Vocational Excellence

*Regional development, Smart Specialisation, Knowledge triangle*

SMART SPECIALISATION PLATFORM

SYNDICAT EUROPEAN TRADE UNION

sme united

ceep Your voice. Your interests. Your future.

BUSINESSEUROPE

Governance
*(social partners, national and local governments VET providers, development agencies…)*

Providing both Initial and continuing VET
*at all EQF Levels*

Innovative curricula, & Teaching & training methodologies
*(PBL, Interdisciplinary…)*

Cost-sharing, sustainable funding, and effective use of EU funding

**Vocational Excellence**

Higher VET, and Flexible pathways with Schools and Universities

Technology diffusion and Innovation Hubs

Quality assurance
*feedback loop, learner tracking*

Incubators supporting entrepreneurial initiatives

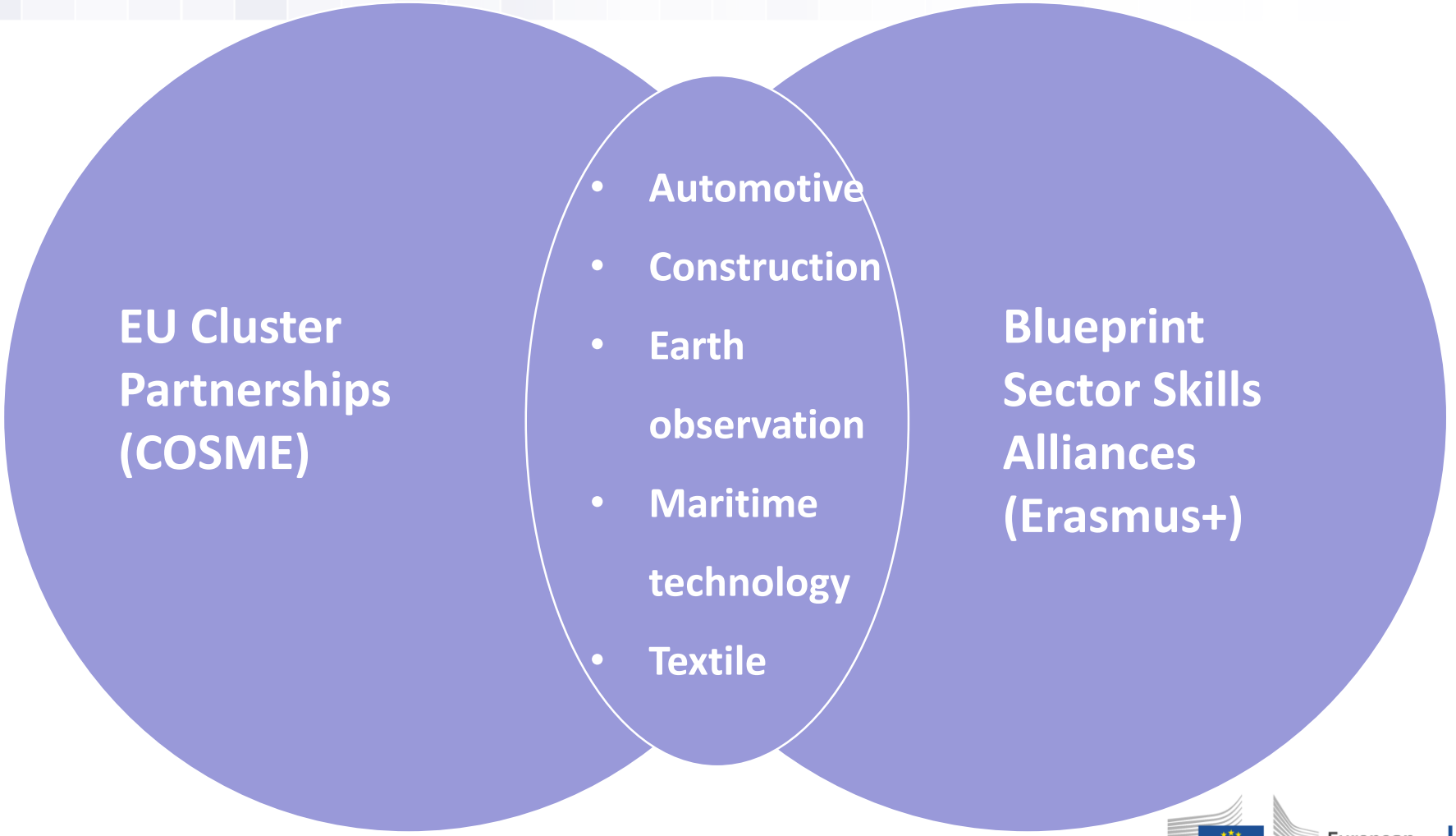
Partnerships for: *Skills anticipation, Apprenticeships, T&T exchanges…*

Validation and Guidance

European Commission

**https://ec.europa.eu/programmes/erasmus-plus/**

# Synergies between Regional Clusters and Blueprint Sector Skills Alliances




European Commission

https://www.clustercollaboration.eu/eu-cluster-partnerships

A smarter Europe by promoting innovative and smart economic transformation
Enhance R&I capacities and uptake of advanced technologies
Digitalisation – for citizens companies and government
A smarter Europe
Development of skills for smart specialisation,
Competitiveness and growth of SMEs
Interregional cooperation in value chains

| Sectors implementing the Blueprint | Smart specialization: Regions in Interregional Partnerships on the same sector (ERDF) | |
|---|---|---|
| **Automotive** | Steiermark<br>Czech Republic<br>Nordrhein-Westfalen<br>Rheinland-Pfalz<br>Saarland<br>Thüringen<br>Berlin<br>Brandenburg<br>Mecklenburg-Vorpommern<br>Niedersachsen<br>Galicia<br>Cantabria<br>La Rioja<br>Castilla y León<br>Varsinais-Suomi<br>Haute-Normandie | Piemonte<br>Valle d'Aosta/Vallée d'Aoste<br>Abruzzo<br>Basilicata<br>Luxembourg<br>Podkarpackie<br>Lubuskie<br>Norte<br>Lisboa<br>Centru<br>Vest (RO)<br>Stockholms län<br>Slovenia<br>Northamptonshire |
| **Maritime Technology** | Schleswig-Holstein, Liguria, North (PT). | |
| **Textile/clothing/leather/footwear** | Vorarlberg<br>Flemish Region<br>Walloon Region<br>Czech Republic<br>Thüringen<br>Kentriki Makedonia<br>Dytiki Ellada<br>Galicia<br>Castilla-La Mancha<br>Cataluña | Piemonte<br>Luxembourg<br>Lódzkie<br>Mazowieckie<br>Zachodniopomorskie<br>Portugal<br>Centru<br>Nord-Est<br>Sud-Est<br>Västra Götalands län |
| **Tourism** | Austria | Provence-Alpes-Côte d'Azur |

| | | |
|---|---|---|
| | Salzburg | Guadeloupe |
| | Tirol | Martinique |
| | Cyprus | Réunion |
| | Bayern | Valle d'Aosta/Vallée d'Aoste |
| | Berlin | Campania |
| | Brandenburg | Puglia |
| | Hovedstaden | Calabria |
| | Midtjylland | Sicilia |
| | Nordjylland | Sardegna |
| | Anatoliki Makedonia, Thraki | Provincia Autonoma di Bolzano/Bozen |
| | Kentriki Makedonia | Provincia Autonoma di Trento |
| | Dytiki Makedonia | Friuli-Venezia Giulia |
| | Thessalia | Emilia-Romagna |
| | Ionia Nisia | Toscana |
| | Dytiki Ellada | Lazio |
| | Sterea Ellada | Malta |
| | Peloponnisos | Friesland (NL) |
| | Attiki | Podkarpackie |
| | Voreio Aigaio | Swietokrzyskie |
| | Notio Aigaio | Podlaskie |
| | Kriti | Lubuskie |
| | Galicia | Kujawsko-Pomorskie |
| | Cantabria | Warminsko-Mazurskie |
| | Comunidad Foral de Navarra | Norte |
| | La Rioja | Algarve |
| | Aragón | Centro (PT) |
| | Castilla-La Mancha | Lisboa |
| | Extremadura | Alentejo |
| | Cataluña | Região Autónoma dos Açores |
| | Comunidad Valenciana | Região Autónoma da Madeira |
| | Illes Balears | Centru |
| | Andalucía | Nord-Est |
| | Región de Murcia | Sud-Est |
| | Canarias | Sud - Muntenia |

| | | |
|---|---|---|
| | Etelä-Karjala<br>Pohjois-Savo<br>Kainuu<br>Keski-Pohjanmaa<br>Lappi<br>Centre<br>Bretagne<br>Rhône-Alpes | Sud-Vest Oltenia<br>Kronobergs län<br>Kalmar län<br>Gotlands län<br>Hallands län<br>Västra Götalands län<br>Jämtlands län<br>Slovenia<br>Scotland |
| **Space geo-information** | Network of European regions using space technologies (NEREUS) | |
| **Additive manufacturing** | Flemish region, Wallon region, Saxony-Anhalt, Sturia, North-West | |
| **Construction** | Burgenland<br>Niederösterreich<br>Oberösterreich<br>Salzburg<br>Brussels-Capital Region<br>Cyprus<br>Sachsen-Anhalt<br>Schleswig-Holstein<br>Baden-Württemberg<br>Bayern<br>Berlin<br>Brandenburg<br>Mecklenburg-Vorpommern<br>Niedersachsen<br>Sjælland<br>Nordjylland<br>Estonia<br>Kentriki Makedonia<br>Cantabria | Valle d'Aosta/Vallée d'Aoste<br>Campania<br>Calabria<br>Provincia Autonoma di Bolzano/Bozen<br>Emilia-Romagna<br>Lazio<br>Lithuania<br>Luxembourg<br>Poland<br>Lódzkie<br>Malopolskie<br>Podkarpackie<br>Swietokrzyskie<br>Podlaskie<br>Zachodniopomorskie<br>Lubuskie<br>Opolskie<br>Kujawsko-Pomorskie<br>Pomorskie |

| | | |
|---|---|---|
| | País Vasco<br>Comunidad Foral de Navarra<br>Castilla y León<br>Cataluña<br>Región de Murcia<br>Kanta-Häme<br>Pohjois-Savo<br>Kainuu<br>Keski-Pohjanmaa<br>Satakunta<br>Île de France<br>Centre<br>Bourgogne<br>Pays de la Loire<br>Aquitaine<br>Limousin | Algarve<br>Lisboa<br>Alentejo<br>Centru<br>Sud-Est<br>Sud - Muntenia<br>Sud-Vest Oltenia<br>Vest (RO)<br>Stockholms län<br>Kalmar län<br>Gävleborgs län<br>Slovenia<br>England |
| **Maritime shipping** | Cyprus<br>Germany<br>Schleswig-Holstein<br>Bremen<br>Mecklenburg-Vorpommern<br>Niedersachsen<br>Weser-Ems<br>Denmark<br>Nordjylland<br>Ionia Nisia<br>Attiki<br>Principado de Asturias<br>Cantabria | Región de Murcia<br>Varsinais-Suomi<br>Bretagne<br>Liguria<br>Friuli-Venezia Giulia<br>Malta<br>Slaskie<br>Norte<br>Algarve<br>Centro<br>Região Autónoma da Madeira<br>Västra Götalands län |
| **Steel industry** | Dalarna County, Varmland, North Ostrobothnia, Asturia, Kanta-Hame | |
| **Bioeconomy, new** | Sachsen-Anhalt<br>Weser-Ems | Satakunta<br>Languedoc-Roussillon |

| | | |
|---|---|---|
| **technologies and innovation in agriculture** | Sjælland<br>Dytiki Ellada<br>Castilla-La Mancha<br>Pohjois-Karjala<br>Kainuu, Keski-Suomi | Croatia<br>Lubelskie<br>Lubuskie<br>Sud - Muntenia<br>Värmlands län, Gävleborgs län |
| **Batteries for electro-mobility** | --- | |
| **Defence** | Thessaly, Croatia, Campania | |
| **Energy value chain/digitalisation** | Salzburg<br>Flemish Region<br>Cyprus<br>Thessalia<br>Dytiki Ellada<br>Extremadura | Varsinais-Suomi<br>Pohjois-Savo<br>Satakunta<br>Lódzkie<br>Stockholms län<br>Värmlands län |
| **Energy-intensive industries/industrial symbiosis** | Satakunta | |
| **Microelectronic manufacturing & design** | Saxony, Western Greece, Madrid | |

**https://s3platform.jrc.ec.europa.eu/**

**Searching for Synergies between the "Smart specialisation pilot action for interregional innovation investments" (ERDF) and "Blueprint Sector Skills Alliances" (Erasmus+)**

- Pilot action is focusing on 8 interregional cooperation partnerships
- Set-up in thematic areas to scale-up efforts in interregional value-chains.
- The Commission will feed the lessons learned from this pilot into the reflection on how to best support interregional partnerships in the post 2020 framework

| PARTNERSHIP | RECOMMENDED FOCUS – LEVEL OF GRANULARITY | SUPPORT SERVICES TO BE SOURCED |
|---|---|---|
| **De- and Re-Manufacturing (DMR)** | Operationalisation of the two Business Cases **1)** Composite recovery from wind energy systems and **2)** e-motors and e-mobility batteries re-manufacturing | Business Modelling, Financial advisory and Legal (IPR/Contractual) support; Blueprint SSA 2017 Automotive + Blueprint SSA 2018 Additive Manufacturing: coordinator + partner contact details (EMPL) *done;* |

| | | |
|---|---|---|
| | | Blueprint SSA 2019 Batteries will not start before 2019/2020 |
| **Bio-Economy (BIO)** | Operationalisation of the business case **3)** Bio-based aromatics (Bio-aromatics) | Business Modelling, Regulatory compliance (REACH) and Legal (IPR) support |
| **Marine and Renewable Energy (MRE)** | Operationalisation of the business case **4)** Sensing & Remote Monitoring in Marine Renewable Energy facilities | Legal (IPR), regulatory (GDPR), regional funds expertise and brokerage/networking support; Blueprint SSA 2017 Maritime Technology: coordinator + partner contact details (EMPL) *done* |
| **Sustainable Building (BUILD)** | Operationalisation of the business case **5)** "*Smart Campuses*" | Provision of technical (data) expertise and legal (procurement) support |
| **High-tech Farming (FARM)** | Operationalisation of the business case **6)** Digital Platform for agritech solutions | Regulatory (GDPR), technical (data) expertise and legal (contractual) support |
| **Traceability and Big Data (TRACE)** | Selection and operationalisation of 2 most promising Business Cases under the | Regulatory (GDPR), technical expertise (traceability and data) |

| | | |
|---|---|---|
| | two Pilots *Agri-food products traceability (packaging/environmental impacts)* and *Wine products traceability* | and legal (contractual) as well as business modelling and financial advisory support |
| **3D-Printing (3DP)** | Selection and operationalisation of 2 most promising Business Cases under the Pilot on *Additive-Subtractive Manufacturing* | Identify the most relevant certification organisations in Europe (EMPL) *done;*<br>Blueprint SSA 2018 Additive Manufacturing: coordinator + partner contact details (EMPL) *done*;<br>regional funds expertise, business modelling and financial advisory support |
| **Cybersecurity (CYBER)** | Operationalisation of the Business Case **7)** Acceleration Programme for cybersecurity scale-ups | Business acceleration expertise, business modelling and financial advisory support |