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EO4GEO

Why the role of regions is key for the success of the initiative and what are the benefits for them?

Milva Carbonaro, GISIG
Kevin Ramirez, Climate-KIC

From Vision to Action

The **VISION of the Sector Skills Strategy** is to foster the growth of the European EO/GI sector ensuring a workforce with the **right skills, in the right place, at the right time.**

The **MISSION of the Sector Skills Strategy** is to ensure the strategic cooperation among stakeholders on skills development in the EO/GI sector (Sector Skills Alliance).

Integrating EO4GEO main pillars

Body of Knowledge:
collection of interlinked concepts, methods in the the EO*GI sector

Business processes:
identification of tasks and occupational profiles in the EO*GI sector

… utilizing concepts & tools for sector-specific curricula design and innovative trainings in user-centric application scenarios

Tools: occupational profile tool, curriculum design tool, BoK matching tool

Curricula: teaching content covering vocational training and academic education

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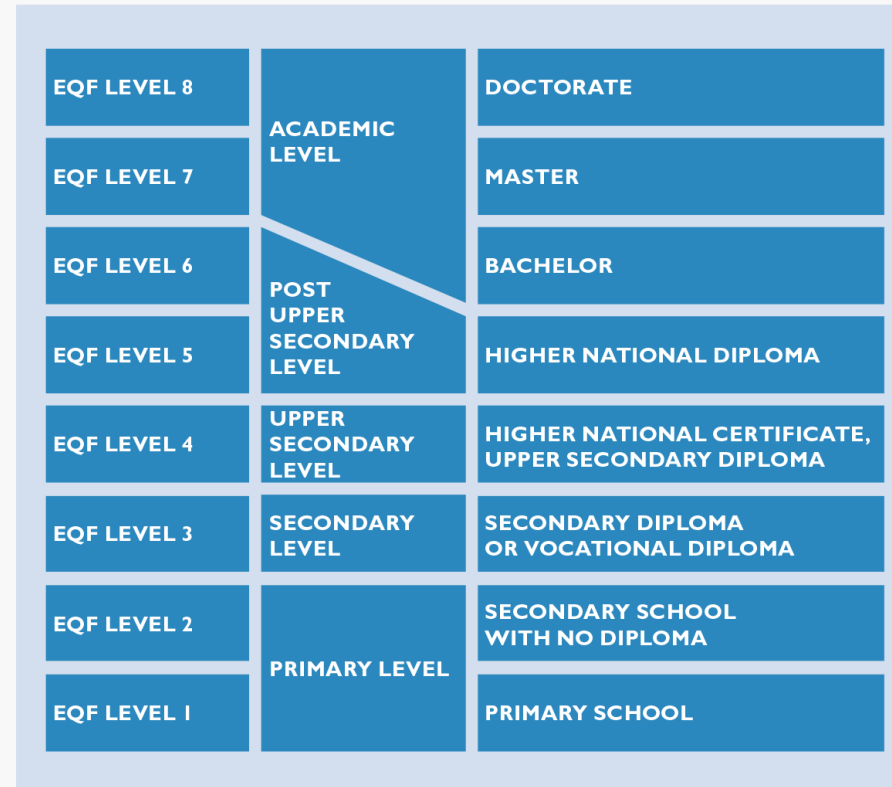of the European Union

Curricula design in EO4GEO

- Identifying and defining a set of work processes (32+) in the field of Climate Change, Smart Cities and Integrated Applications

- Each work process can be split in sub-processes which in turn contain many activities/tasks
  - Certain knowledge and skills are required
    - By certain actors … who can cover one or more profiles

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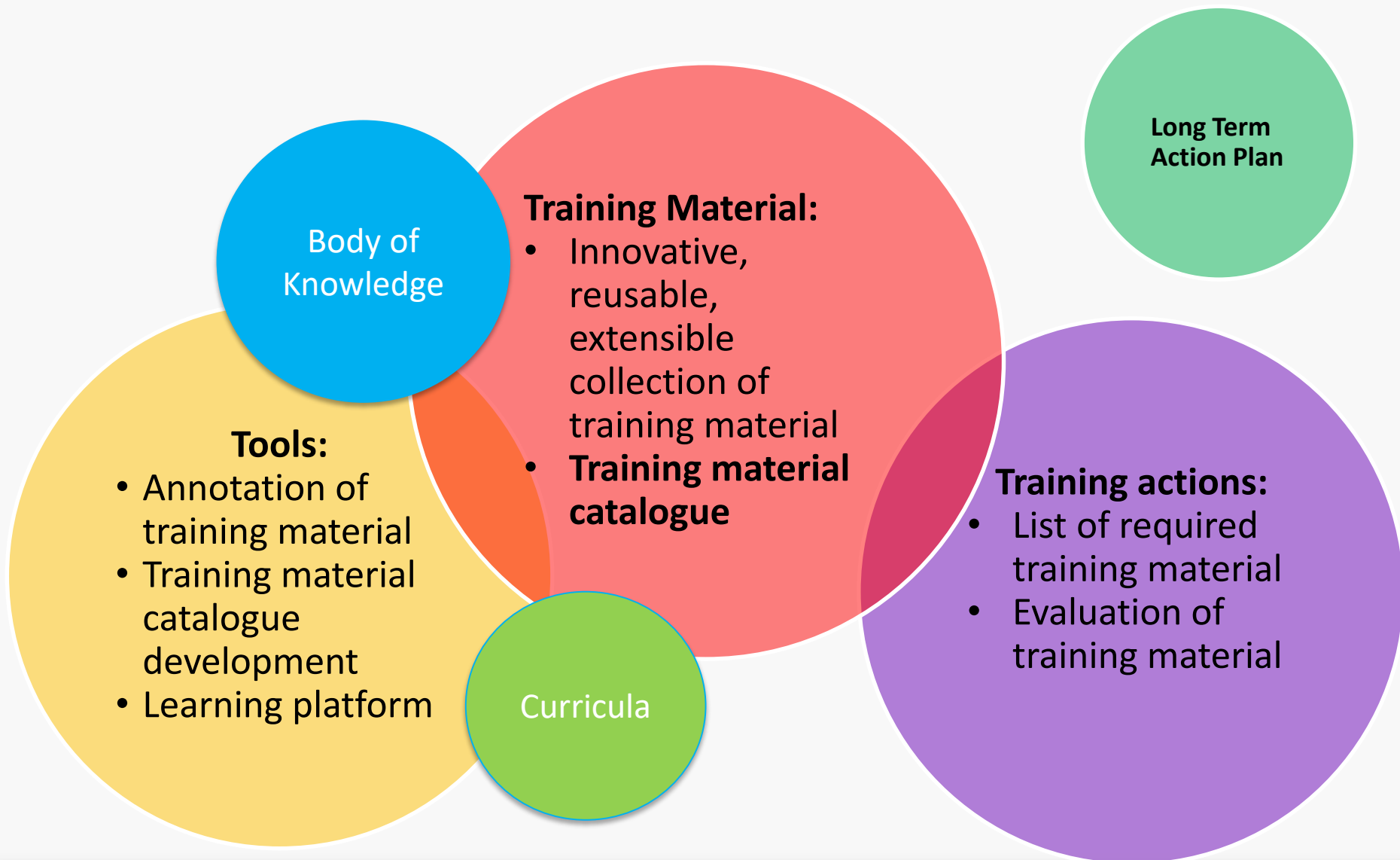Erasmus+ Programme
of the European Union
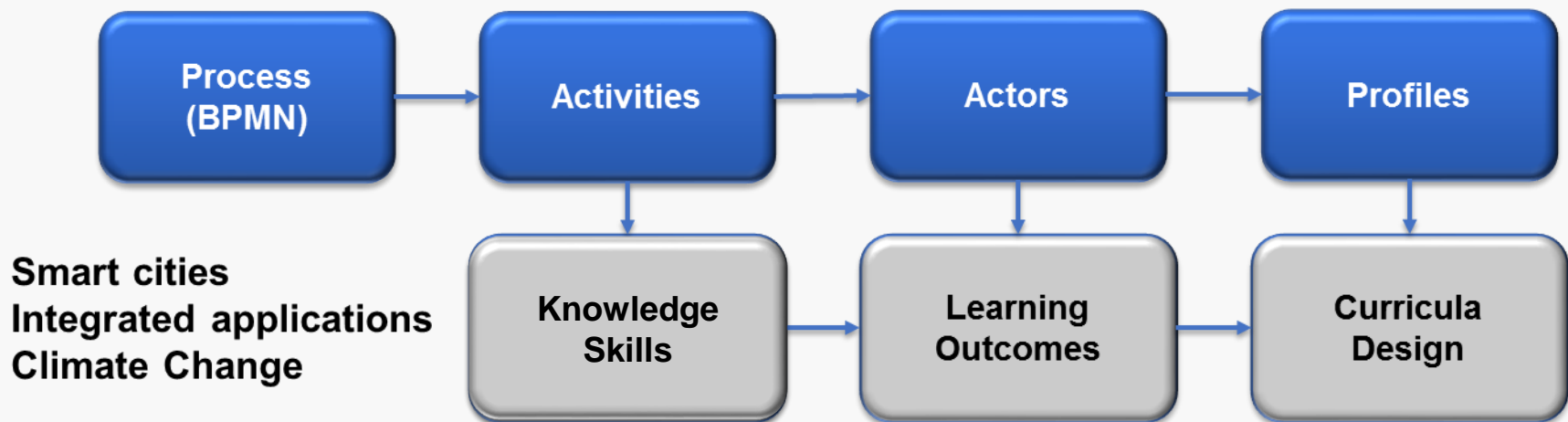
Definition: Curricula

… set of modules/courses for:

- Vocational education and training

- Short courses

- Academic education
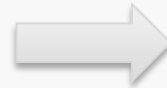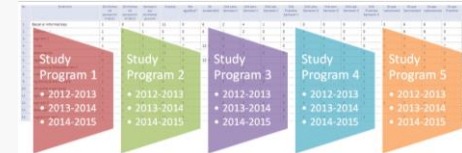 - Bachelor
  - Master
  - PhD

- High school education

EQF LEVEL 8	ACADEMIC LEVEL	DOCTORATE
EQF LEVEL 7		MASTER
EQF LEVEL 6	POST UPPER SECONDARY LEVEL	BACHELOR
EQF LEVEL 5		HIGHER NATIONAL DIPLOMA
EQF LEVEL 4	UPPER SECONDARY LEVEL	HIGHER NATIONAL CERTIFICATE, UPPER SECONDARY DIPLOMA
EQF LEVEL 3	SECONDARY LEVEL	SECONDARY DIPLOMA OR VOCATIONAL DIPLOMA
EQF LEVEL 2		SECONDARY SCHOOL WITH NO DIPLOMA
EQF LEVEL I	PRIMARY LEVEL	PRIMARY SCHOOL

Variety of training programmes

Interconnected activities

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Long Term Action Plan

Body of Knowledge

Training Material:
- Innovative, reusable, extensible collection of training material
- **Training material catalogue**

Tools:
- Annotation of training material
- Training material catalogue development
- Learning platform

Curricula

Training actions:
- List of required training material
- Evaluation of training material

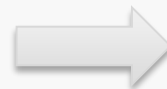# Long-term Action Plan
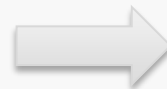
- ✓ **AWARENESS**

- ✓ **ATTRACTION**
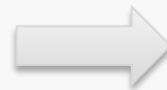
- ✓ **ENGAGEMENT**

- ✓ **CONSOLIDATION**

- ✓ **MAINTENANCE**

European skills gap landscape

- ***Europe needs to do more to anticipate changing skill needs.***
  Information on skill needs at national level is no longer enough. A European labour market requires European-level information.

- A skilled workforce is crucial to ensure a prompt ***recovery after COVID-19*** and reap the benefits of the green and digital transitions, achieving the objectives of:
  - the European Green Deal
  - the European Digital Strategy
  - the new Industrial and Small and Medium Enterprise Strategy, along with the European Education Area

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Blueprint for sectoral cooperation on skills

Roll-out at national and regional level

Building on the achievements of the sectoral skills alliances at EU level, the 'blueprint' for the sector will be rolled out at national and regional level.

This will be done *cooperation with national and regional authorities*, in and key stakeholders. There will also be synergies with other policy frameworks, such as regional smart specialisation strategies.

BLUEPRINT FOR SECTORAL COOPERATION ON SKILLS

Responding to skills mismatches at sectoral level

A key action of the New Skills Agenda for Europe

AUTOMOTIVE

DEFENCE

MARITIME TECHNOLOGY

SPACE (GEO INFORMATION)

TEXTILE, CLOTHING, LEATHER AND FOOTWEAR

TOURISM

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Blueprint for sectoral cooperation on skills

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A portfolio of products and services

GI/EO BoK

Platform

Training material

Training actions

Network of networks
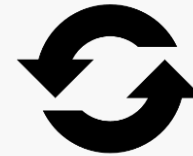
Job Offer Tool

BoK Visualisation and Search

Occupational Profile Tool

Curriculum Design Tool

BoK Matching tool

Living Text Book

Observatory of demand/offer of skills
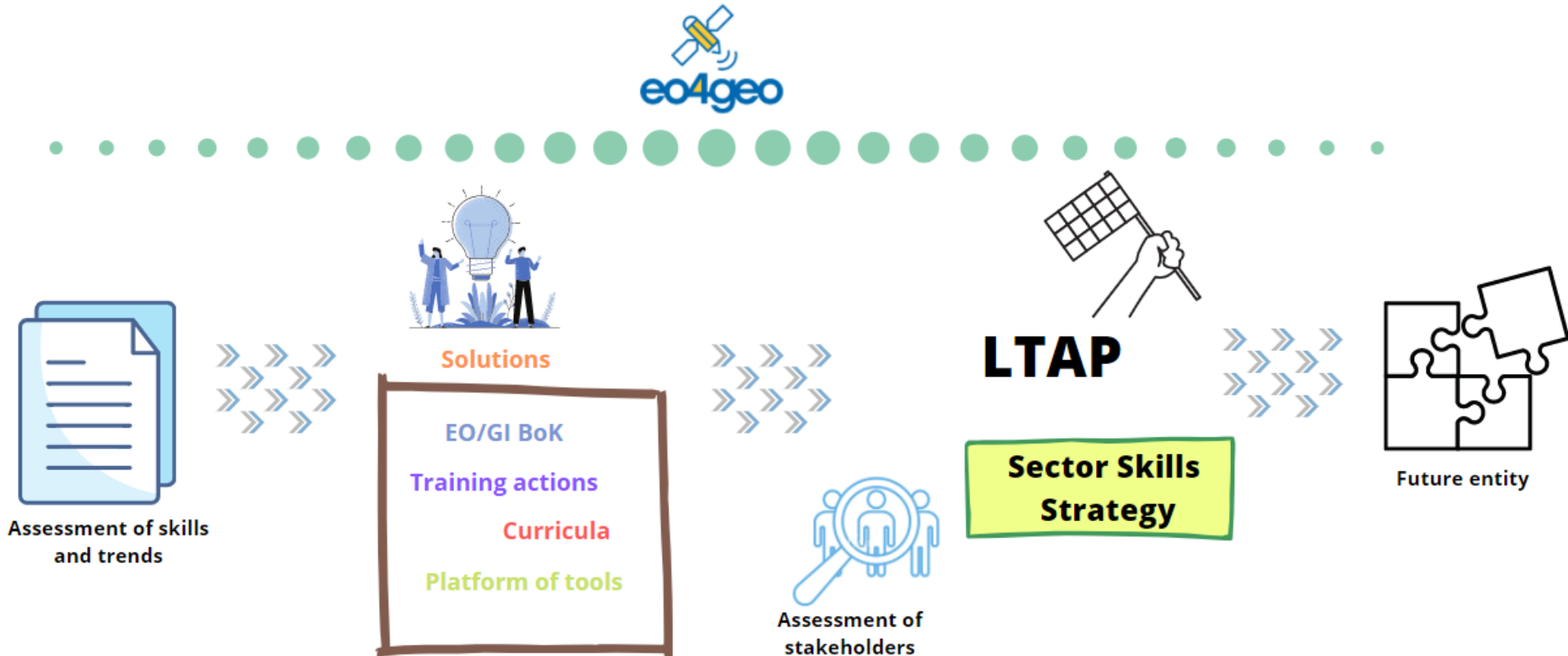
Technological trends watch

APIs

Mobility program

Approach

EO4GEO Exploitation vision & Sustainability

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EO4GEO Exploitation vision & Sustainability

Long-term roll out and maintenance

Supporting regions by…

- Understanding skills and training needs at regional level
- Providing training and upskilling solutions in the EO/GI sector
- Fostering collaboration between stakeholders
- Developing a sectorial skills strategy to bridge the demand/supply gap

Thank you!

www.eo4geo.eu

@EO4GEOtalks