



SkillsPULSE

SKILLS - PREDICTING, UNDERSTANDING, AND LOCATING SHORTAGES IN EUROPE



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Eurostat forecasts show that in 2030, the labour force (19-65 year-olds) will decrease by 4% in the European Union, while by 2050, 8% of the labour force will have been lost.

There is a tendency to think that skills shortages and gaps are just temporary issues that will resolve over time without intervention. But the evidence suggests otherwise.

These challenges, where employers struggle to find qualified candidates and existing employees lack necessary skills, persistently hinder individual careers, business performance, and the overall economy.

It's crucial to identify, measure and address these gaps across different jobs, sectors, and regions to mitigate their impact and boost productivity.



SkillsPULSE

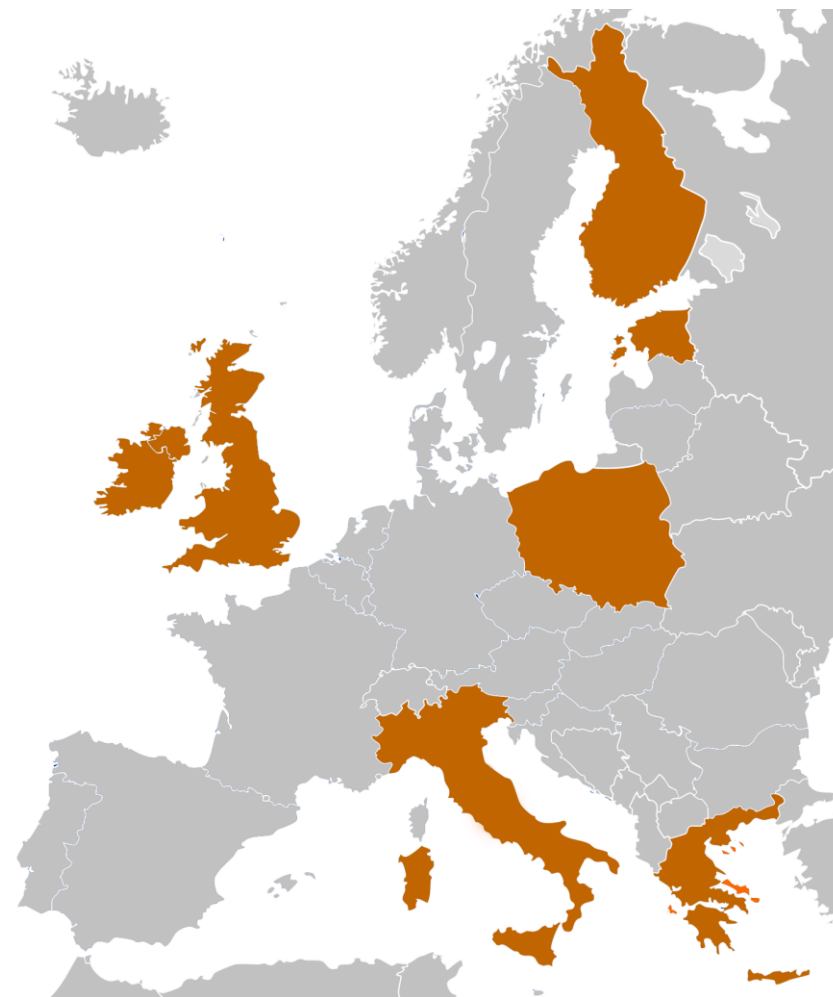
- Skills – Predicting, Understanding, and Locating Shortages in Europe
- **Horizon Europe** project
- 3-year project (June '24 - June '27)

The project aims to provide a conceptual review of **skills shortages** and **gaps**, and devise a means of measuring their incidence and the extent to which they are likely to arise in the future as a consequence of key changes in the economy, notably digitalisation.

SkillsPULSE will provide a methodology for identifying the extent, causes, and implications of skills deficiencies in Europe. A series of indicators, including a **Skills Shortage Index**, will be developed and incorporated into a **software tool** for use by those responsible for labour market skills intelligence at both national and European levels.



Coordinated by Fondazione Giacomo Brodolini:





The project will address the following **key objectives**:

- ❑ Develop a clear framework for **measuring** skills shortages and gaps.
- ❑ Use big data approaches to **create a framework** that anticipates skills demand, thereby preventing deficiencies due to emerging technologies.
- ❑ Deepen an understanding of employers' experiences with skills deficiencies and **identify** key strategies they use to mitigate their impacts.
- ❑ Develop a fully tested **Skills Shortage Index** that can be adopted by member states.
- ❑ Create a **software tool** for use within existing skills assessment and anticipation systems at the national level.



SkillsPULSE is a **Horizon Europe** project that contributes to the **European Skills Agenda** by strengthening skills intelligence in a way that will facilitate strategic upskilling and provide the evidence base for the development of new training opportunities for young people in emerging STEM areas, and by providing a toolkit for the development of policy initiatives in the areas of education and skills, that can help drive growth in European innovation and competitiveness.



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