

Monitoring the Demand and Supply of Skills in the European Labour Market

Funded by the European Union's Horizon Europe research and innovation programme under grant agreement No 101132663.



WHAT IS SKILLAB?

The SKILLAB project aims at monitoring and mining Internet resources and EU initiatives to acquire and process meaningful raw data about existing and sought skills, and entities offering and seeking jobs. State-of-the-art IT technologies will be used to empower the platform and achieve its goals, including advanced statistical and network and data analysis, machine learning and competency mining.

On the basis of such analyses, recommendation tools for HRM, educational profile upskilling and digital policies will be made available to users.



WHAT IS SKILLAB FOR?



Identifying skills shortages and gaps in the labour market for different regions, sectors, time periods.

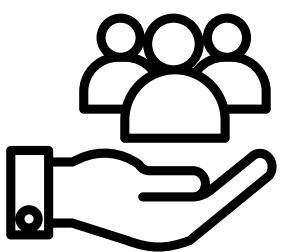
Supporting all kinds of enterprises in developing their human resource strategy, including both training of current employees, and skill shaping of future employees.

Supporting recruiting enterprises looking for specific skills.

Supporting EU citizens in developing their skills in an informed way and eventually finding a suitable job.



Finding good candidates for emerging roles, but also to equip existing employees with the necessary skills to retain their jobs, thus improving job retainability and reducing employee churn.



WHAT CAN SKILLAB DO FOR YOU?

Skills Tracking: A functional and tested prototype of the SKILLAB Tracker component and its modules (Organizational Skills Tracker, Labour Market Skills Demand Tracker, European Skills Policy Tracker).

Skills Analytics & Forecasting: A functional and tested prototype of the Skills Analyzer and Skills Forecaster subcomponents of the SKILLAB Modeller, accessible through a REST API of web services.

Skills Projector: A functional and tested prototype of the Skills Projector subcomponent of the SKILLAB Modeller, accessible through a REST API of web services.

Skills Intelligence: A functional and tested prototype of the SKILLAB Intelligent Agent component, accessible through a REST API of web services.

Skills Visualization: A functional and tested prototype of the SKILLAB highlevel programming interface and web-accessible visualization (SKILLAB Visualizer).

SKILLAB:

Empowering Skills, Shaping the Future!

You can use, share and utilize SKILLAB's open source platform for comprehensive development analysis.

GET INVOLVED!

If you want to be part of our **Pilot Program**, we invite you to join our team. Together, we can collaborate to create test case scenarios and leverage our open-source platform to enhance our implementation further.

- Technologies
- Architecture
- Leadership in industrial technologies
- Skills mismatch expertise

Contact us and be part of SKILLAB!

skillab-project.eu

