# USE CASES

DS4Skills
COMMON EUROPEAN DATA SPACE FOR SKILLS

**Developing the human-centric European Data Space for Skills to empower digital skills and employment opportunities.**

The project deploys the European Data Space for Skills through eight sustainable use cases. Discover its power in addressing real-world challenges.

## MAIN OBJECTIVES

Bridging Skill Gaps

Fostering Student Mobility

Developing the Workforce

## TRANSFORMING OPPORTUNITIES

### Employers, HR & training providers

- Personalised learning pathways bridging skill gaps
- Increased skill transparency
- Better recruitment and upskilling
- Precise skill matching
- Facilitated student job search and recruitment
- Reduced fraud

### Educational institutions & students

- Easier access to EU universities learning opportunities
- Improved data quality via AI-powered classification
- Enhanced sharing of learning experiences and skills data

### Manufacturing sector

- Personalised learning platform matching training to industry needs
- Bridging theory and practice
- Targeted upskilling for the manufacturing workforce

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Know more about each use case

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## Supporting Student Mobility and Lifelong Learning

**THE GOAL →** To improve the discoverability of learning opportunities in European university alliances and reduce the manual workload by transferring the learning opportunity data automatically through the skills data space instead of by manual means, as is currently commonplace.

**ADDED VALUE →** Easier discovery of learning opportunities across European universities, reduced manual data handling for staff, and improved data quality through AI-powered classification.

**Impacted stakeholders:** students, academic staff, and higher education institutions

**Partners involved:** CSC - IT Center for Science

**Finland**

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## Human Soft Skills Assessing Automation

**THE GOAL →** Creating a tool that helps managers and employees explore their approach to this and other related skills, to prepare them for challenging organizational situations that must be addressed in an innovative and critical way.

**ADDED VALUE →** Enhanced critical thinking and reflective capabilities for current and future managers, fostering awareness of their roles, responsibilities toward people and society, and the moral, economic, and ecological consequences of their actions.

**Impacted stakeholders:** senior/junior consultants, coordinators, managers across SMEs and large enterprises

**Partners involved:** Mylia, BadgeBox

**Italy**

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## Mind the Gap: Skill-driven Strategic Workforce Learning and Development

**THE GOAL →** To enable targeted personnel development, focused upskilling, recruiting, and simple matching of individuals to projects within the company.

**ADDED VALUE →** Increased skill transparency, enhanced targeted and personalised upskilling, especially in future-oriented areas and domains like IT and digital transformation consulting, in addition to improved career development support based on informed decision-making.

**Impacted stakeholders:** HR (L&D), managers and team leads

**Partners involved:** Scheer

**Germany**

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## Mind the Gap: Personalised and Job Market-Aligned Training for Future-Ready Workforce

**THE GOAL →** To demonstrate enhanced alignment between workforce skills and labour market requirements by delivering customised learning pathways that foster continuous upskilling and future-ready career development.

**ADDED VALUE →** Personalised lifelong learning pathways based on analysis of résumés, job offers, and training data, bridging skill gaps and aligning individual capabilities with labor market demands.

**Impacted stakeholders:** employment counsellors and training providers

**Partners involved:** LIST

**Luxembourg**

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## Connecting personal skills-data to the Data Space

**THE GOAL →** To establish a technical connection between Athumi's ecosystem and the EU Skills Data Space, enabling the secure and compliant sharing of relevant data with data consumers across Europe.

**ADDED VALUE →** Easier access to student services across the EU, facilitated student job search and recruitment, and reduced fraud.

**Impacted stakeholders:** tech firms, businesses and consumers

**Partners involved:** Athumi (lead); IMEC

**Belgium**

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## Students' Learning Experiences and Skills Dataspace

**THE GOAL →** Developing a data framework to provide insights into students' experiences and skills, assess innovative learning models, and support the educational community in evaluating training effectiveness and satisfaction.

**ADDED VALUE →** Collaborative sharing of learning experiences and skills data, enhancing UOC's data sets and fostering further exploration with other data space providers, especially in the skills domain.

**Impacted stakeholders:** higher Ed and lifelong learning institutions, students and instructors

**Partners involved:** UOC

**Spain**

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## Dataspace for Manufacturing Skills

**THE GOAL →** To bridge the gap between theoretical knowledge and practical skills in advanced manufacturing by providing tailored learning pathways for students, employees, and job-seeking people in the sector.

**ADDED VALUE →** Creation of a personalised learning platform that will provide tailored learning content recommendations, bridging the gap between training services and the skill needs in the manufacturing domain.

**Impacted stakeholders**: students, employees and people seeking job in the manufacturing sector

**Partners involved:** LMS

**Greece**

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**Explore the use cases!**

www.ds4skills.eu

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