



Application form - Pact for Skills

Fields marked with * are mandatory.

Introduction

The Pact for Skills is a shared engagement and approach to skills development. It is firmly anchored in the principles of the [European Pillar of Social Rights](#) and supports the goals of the [Green Deal](#) and the [digital transformation](#), as set out in the Commission communication “[A strong Social Europe for Just Transitions](#)”.

The Pact aims to mobilise and incentivise private and public stakeholders to take concrete action for the **up skilling and reskilling of people of working age**, and, when relevant, pool efforts in the partnerships.

The Pact can be joint by any private or public organisation or partnership of organisations which aim to upskill or reskill people of working age.

The organisation(s) need(s) to be based in one of the Member States, EFTA or candidate countries.

Joining the Pact:

1. All stakeholders joining the Pact **sign up to the Charter** and its key principles, which they agree to respect and uphold.
2. Signatories of the Pact are invited to **translate their engagement into concrete commitments** on upskilling and reskilling. Commitments must be in line with the key principles and can be built around a number of “enablers” that illustrate concrete ways of implementing the different principles.
3. Commitments are monitored by at least one **key performance indicator**, e.g. number of people taking part in upskilling or reskilling.

Information on the organisation/partnership

*** You apply:**

- on your own (as one organisation)
- in partnership

*** Organisation/partnership name:**

University of Oulu

*** What type of stakeholder does your organisation represent?**

- Large employer (more than 250 employees) Employer's organisation (social partner) Research institution
- Micro, small or medium employer (up to 249 employees) Chamber of commerce, trade and crafts Non-governmental or civil society organisation
- Public authority (local, regional or national) Sectoral organisation Other
- Private or public employment services Training provider
- Trade union (social partner) Representative of an industrial cluster (member of a groups of specialised enterprises, often SMEs, and other related supporting actors in a location that cooperate closely)

*** Country/ies in which the organisation/partnership operates:**

Finland

*** Contact person(s), title(s):**

Tapio Koivu, Vice Rector - Education, Monika Luukkonen, Account Manager

*** Email to contact person:**

tapio.koivu@oulu.fi

Website of the organisation/partnership:

https://www.oulu.fi/en

Logo of the organisation/partnership:

The maximum file size is 1 MB.

The logo will be presented on the webpage together with the commitment.

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*** Please indicate in what sector(s) your organisation/partnership operates:**

- Aerospace and Defence Electronics Proximity and Social Economy
- Agri-Food Energy-Intensive Industries Renewable Energy
- Construction Health Retail

- Creative and Cultural Industries Mobility-Transport-Automotive Textiles
 Digital N/A Tourism

*** Give a short description of your organisation/partnership**

1000 character(s) maximum

Founded in 1958, UOULU is one of the biggest and the most multidisciplinary universities in Finland. We are home to 13,500 students and 3,400 staff from over 90 different nationalities. UOULU has eight faculties which range from humanities and medicine to business, science and technology. The structure of UOULU and its wide collaboration network allows it to build multidisciplinary projects, conduct high level research and contribute to solving global challenges in the following five focus areas: Sustainable materials and systems; Lifelong health; Digitalization and smart society; Changing climate and northern environment and Understanding humans in change. UOULU's high-quality research and education form the basis for the most significant research and innovation hub in Northern Europe. We are ranked in the top 3% of higher education institutions globally. Our strengths are in medicine, life sciences, IT and electrical engineering. UOULU is the home of world's first 6G research center.

Signing up to the Charter

Please confirm your organisation/partnership subscribes to the [Charter of the Pact for Skills](#), understand and share the principles of quality upskilling and reskilling. Signature of the Charter does not constitute an endorsement of the signatory organisation and its activities by the European Commission.

Commitment

*** Would you like to join the Pact with concrete commitment?**

Commitment is a concrete action (set of actions), which aims to upskill or reskill people of working age. In the file you can find a [non-exhaustive list of actions](#) that could be implemented under the Pact for Skills.

- Yes
 No

Non-exhaustive list of actions that could be implemented under the Pact for Skills.

[Non-exhaustive list of actions.pdf](#)

Please provide information on your commitment

If you have more than 5 actions under your commitment please contact us at EC-PACT-FOR-SKILLS@ec.europa.eu.

	Action in the commitment	Organisation/person/team responsible for implementation of the action	Target group of the action	How the implementation of the action will be monitored
1	By 2026, we educate annually over 500 ICT experts (M.Sc. degrees) specialized to wireless communications (5G and 6G), AI, electronics, sensing, IoT & M2M, cyber security, information systems and software engineering.	University of Oulu, Faculty of Information Technology and Electrical Engineering	Students/participants interested in specialist ICT degrees	Number of degrees completed (over 500 annually)

2	<p>From 2023 onwards, an international Master's program on creativity, innovation and product development where participants learn creative thinking, innovation and product development skills in real life context by solving authentic company cases in globally dispersed teams.</p> <p>In a multi-disciplinary learning environment participants will be well trained for working in multidisciplinary and geographically distributed teams on different engineering-, environmental-, service-, food production-, business-, and social challenges.</p> <p>Participants learn for instance methods and tools which are designed to create radical innovations, i.e. completely new products or services for new markets, and incremental innovations, i.e. small improvements for products and services to existing markets.</p> <p>Some of the courses are suitable for continuous education and can be used to improve the innovation and product development activities of companies with limited resources and accelerate their renewal by making the University of Oulu's expert and student resources and national and international networks available to companies.</p>	University of Oulu, Professor of Practice, Innovation & Product Development	Master's level students, graduated students, company representatives	Number of degrees completed (20 annually)
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3	<p>Reboot European Industry's Digital Skills, "Reboot IoT Factory". The project's central idea is to develop a new operation model for educating European workers with digital skills (AI, IoT, 5&6G, XR, cyber security)."</p> <p>The model developed in Finland, "Reboot IoT Factory," has been selected as the basis in developing the new model (https://rebootiotfactory.fi/). This model transforms participating factories towards Industry 4.0 and beyond. The model's essence is that factories, ICT companies, and researchers collaborate to pilot sustainable digitalisation solutions (Proof of Concepts, PoCs) in factories, that is, in real-world production environments.</p>	University of Oulu, Faculty of Information Technology and Electrical Engineering	Company representatives, European workers, multidisciplinary organisations	Amount of trained European workers will be monitored
4	<p>Research-based e-Learning on micro-entrepreneurship (continuous learning regardless of place of residence and time).</p> <p>For your notice: e-Learning courses are mainly in Finnish, more courses in English will be available in the fall 2022</p>	University of Oulu, Kerttu Saalasti Institute	Our e-Learning serves entrepreneurs, those interested in entrepreneurship, as well as experts and decision-makers working with enterprises.	Attendants of e-Learning courses and the feedback will be monitored.
5	We will build a blockchain infrastructure (by 2023) at our campus to educate blockchain experts.	University of Oulu, Faculty of Information Technology and Electrical Engineering	Company representatives, European workers, multidisciplinary organisations	Number of experts (20 annually)

*** Starting date:**

16/02/2022

End date (if applicable):

Key performance indicators

Name of the indicator	Value (only numerical value)	Additional description (if needed)
Number of representatives of the target group who take part in up-/re-skilling (per year)	600-1000	Individuals and companies/organisations
Others	Analysis of feedback	University of Oulu's education measures and quality system

I agree to provide updates on activities related to this commitment, in the regular annual survey on Pact for Skills. If there is no participation in the survey, the commitment will be considered to be inactive.

I confirm I have agreement of all partners to represent them in the Pact for Skills.

I accept the privacy statement presented below.

Privacy statement

[Privacy_statement.pdf](#)

Thank you

Please do not change information below

Status of the application

- Accepted
- Under revision
- Suspended
- Rejected

Reason for suspension/rejection

Contact

[Contact Form](#)