

The image features a solid blue rectangular background. Overlaid on this background are several thin, flowing lines in white, cyan, and gold. These lines are abstract and organic, curving and intersecting across the frame. The text is centered in the middle of the blue area.

Education and learning, knowledge,
science and technology
for the benefit of people and society

Proposal for Finland: Finland 100+



EDUCATION AND LEARNING, KNOWLEDGE, SCIENCE AND TECHNOLOGY FOR THE BENEFIT OF PEOPLE AND SOCIETY

Over 50% of all young people complete a higher education degree

Development of higher education and expertise in different life situations

4% of GDP allocated to research and development: new creative power of science, sustainable growth, more wellbeing



INNOVATIVE UNIVERSITIES AND UNIVERSITIES OF APPLIED SCIENCES

More pre-emptive and able to react

Strong internationally attractive knowledge clusters

Actively involved in the world's most interesting networks

Open, international and globally responsible

Robust RDI activities and versatile higher education as engines for change in the economic structure and society

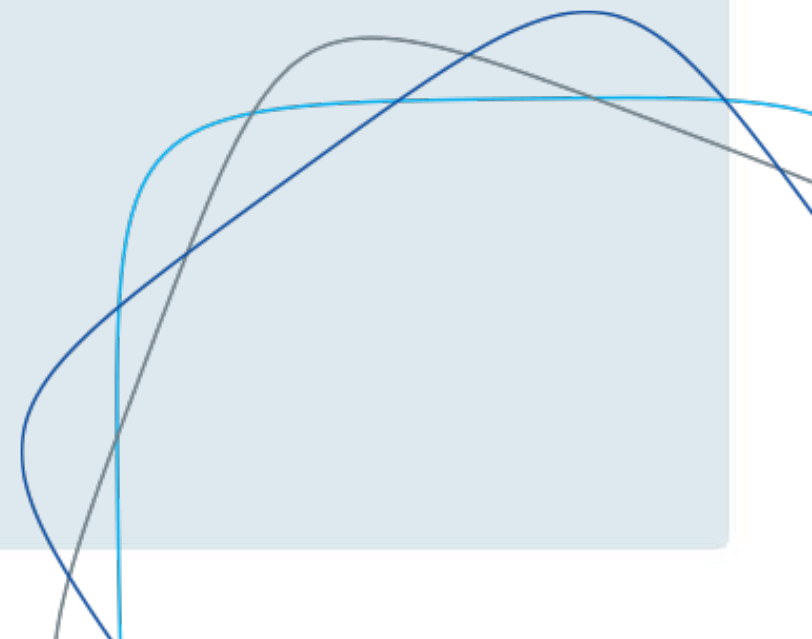
The world's most competent labour force brings a competitive edge and promotes wellbeing


Ethical and socially responsible



ENABLING STEERING, RESOURCES AND STRUCTURES

Creativity, dynamics and potential for action!





Higher education and research until the 2030s
ROADMAP FOR IMPLEMENTING OUR VISION

Roadmap of effective action – Getting there together

Where we are now

- Finland has influential higher education institutions
- National challenges
 - Parts of the Finnish knowledge and skills base are crumbling
 - Improving quality, productivity and effectiveness
- Global drivers of change and megatrends
 - Transformation of work
 - Digitalisation
 - Responding to global challenges together
 - Transparency and cooperation
 - Global competition for skills
- Globally Finnish higher education institutions are not yet as attractive and competitive as they could be

Our vision

- Over 50% of all young people complete a higher education degree
- Development of higher education and expertise in different life situations
- 4% of GDP allocated to research and development – new creative power of science, sustainable growth, more wellbeing

Reaching our goals with development programmes

Becoming a nation with the most competent labour force

Higher education with an ability to reform and provide digital services

A higher education community with the skills to deliver the best learning outcomes and environments in the world

Cooperation and transparency driving research and innovation

Higher education institutes will become the best workplaces in Finland

Development programmes and other actions

National development programmes

- Sustained development programmes over many years
 - Implementation will begin now and programme content will be produced together.
- Shared development programmes will enable a simultaneous reform of the higher education sector and, for example, synergies from centralised purchases
- The programmes bring together and coordinate development activities and resources from higher education institutions, Ministry of Education and Culture and other organisations

Other actions

- Development in the regions, sectors and in higher education will be linked to the vision
- Many development measures will be initiated particularly to improve operation and a sense of community in higher education, such as:
 - **For higher education**, introducing a language strategy.
 - **Nationally**, commissioning a higher education employee time management survey.

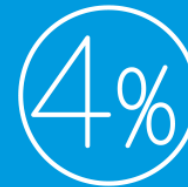
Five interconnected development programmes



Development programme
Becoming a nation with the most competent labour force



Development programme
Higher education reform and the environment for digital services



Development programme
Cooperation and transparency driving research and innovation



Development programme
Higher education institutions will become the best workplaces in Finland



Development programme
A higher education community with the skills to deliver the best learning outcomes and environments in the world

Development programme 1

Becoming a nation with the most competent labour force

Having more people with a higher education degree would strengthen Finland's skills-based competitiveness, attractiveness and people's education and learning. To achieve this, students must begin their higher education earlier. Similarly, the number of students pursuing their first degree, and the number of degrees, should be increased in 2020–2030. Continuous learning and international talent will build up Finland's knowledge capital.

Increasing the share of the labour force with a higher education degree

- From 2021, raising the number of degrees in the sectors where demand is high both in education and working life
- Diversifying the paths to higher education
- Improving the graduation rate, for example by funding model incentives

Introducing a model and concepts for education provision in continuous learning

- Drawn up in 2019 in collaboration between higher education institutions, stakeholders and the Ministry of Education and Culture
- Reform based on development and concepts that meet demand in society, business and industry

Attracting more international talent to Finland

- Actions to bring more international talent and students to Finland
- Increasing trainee placements and support services to help international students and young researchers integrate in Finland and the Finnish labour market



Development programme 2

Higher education reform and the environment for digital services

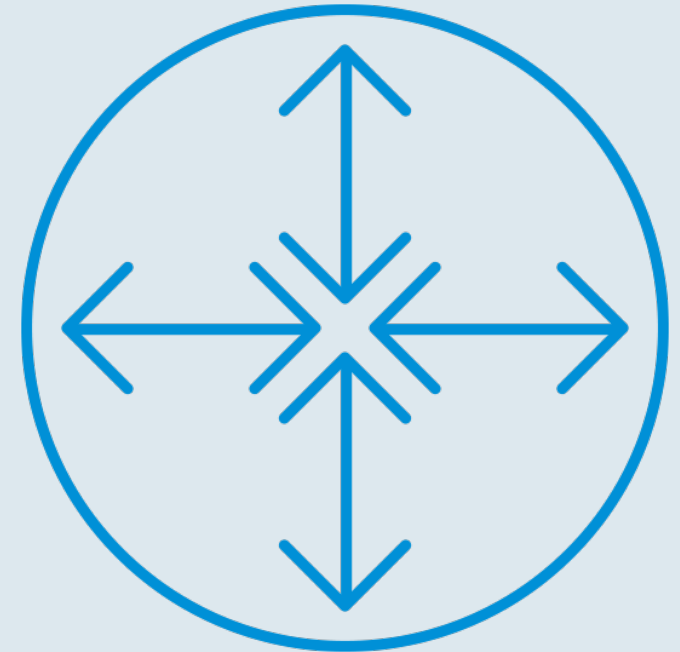
Digitalisation is a major engine of change in society and will impose changes in university operating methods, and provision and content of education.

Building a higher education environment for digital services

- Leveraging digitalisation in higher education calls for new pedagogical thinking.
- A service environment will improve accessibility and flexibility of education, the opportunities for continuous learning and global cooperation.

Making education more digital, increasing modularity and reinventing teaching

- In higher education, modularity and availability of digital courses and guidance services will be increased and new pedagogical approaches introduced.
- These reforms will serve both degree studies and continuous learning. The volume of digital studies and the number of degrees that can be completed digitally will be increased to improve access to education and boost international student recruitment.



Development programme 3

A higher education community with the skills to deliver the best learning outcomes and environments in the world

Higher education competences will respond to the needs of society, individuals and working life. Curriculum development, teaching and guidance will be based on the latest research on learning and the needs of society. Following the advances in digitalisation and stronger international connections, more attention must be paid to pedagogic development. Diverse learning environments and learners' individual needs will emphasise the importance of student guidance skills.

Launching a development programme for higher university pedagogics and guidance skills that will receive financial support from the Ministry of Education and Culture

- Programme will be based on diverse learning environments and guidance; demand- and anticipation-led education; and individual learners, learning methods and environments.
- The programme will be implemented in 2020–2025.
- Teaching will be developed by promoting national and international higher education networks.



Development programme 4

Higher education institutions will become the best workplaces in Finland

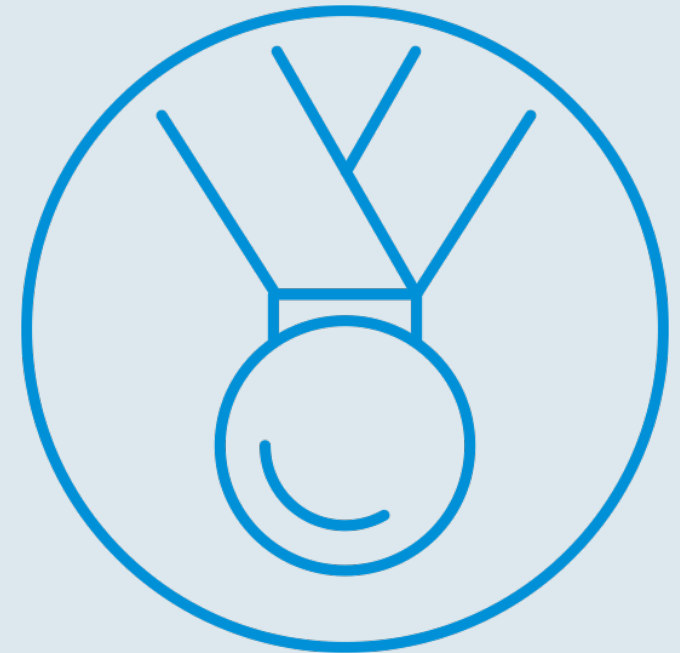
Wellbeing in the higher education community will be built on competence, inclusion and good leadership. A new programme will strengthen higher education institutions, and a sense of community and wellbeing at work. It will support the management's leadership skills and increase awareness of higher education and science policies. The programme includes a module for developing the participants' leadership skills and networks, and an introductory module of higher education and science policies that the Ministry of Education and Culture has produced.

A university leadership programme will be launched with international partners to improve change management, employee competences and wellbeing in higher education

- The programme will be planned with higher education communities and implemented leveraging the best international knowledge in the field.
- The courses will run in 2020–2025.

Strengthening the knowledge base for developing employee wellbeing and leadership

- Implementing a survey of employee time management and other measures.



Development programme 5

Cooperation and transparency driving research and innovation

The 2030 vision for higher education and research can only be achieved with robust research and innovation that encourage new thinking in business, industry and society, an internationally attractive operating environment and innovation ecosystems. Sustained research and innovation funding, diverse partnerships and transparency will raise the quality and effectiveness of research.

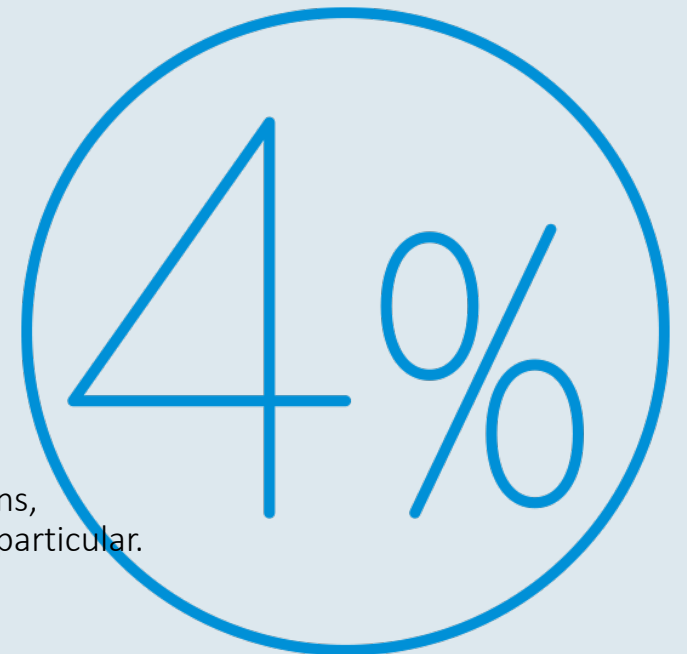
More coherent RDI policies

- In RDI policies, particular emphasis will be put on strengthening the cooperation and measures of these ministries: Ministry of Education and Culture, Ministry of Employment and the Economy, Ministry of Finance and Ministry of Social Affairs and Health. The Research and Innovation Council will have new structure and practices.

Supporting the building of internationally attractive knowledge clusters and innovation systems

- Measures shared across the administrative branches will be used to increase collaboration between universities and universities of applied sciences, research institutes, work and business.
- International cooperation of higher education institutions and their involvement in the world's most interesting networks will be strengthened. Leveraging the skills in higher education institutions, measures will be introduced to accelerate RDI that can support and revitalise businesses, SMEs in particular.
- The strategy and roadmap for the research infrastructure will be updated in 2019–2021, paying attention to infrastructures that can be used and funded jointly by diverse actors.

Using shared approaches and legislative means to strengthen open research and innovation



Development programmes driving systemic change



Becoming a nation with the most competent labour force

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- Introducing a model and concepts for education provision in continuous learning
- Attracting more international talent to Finland



Higher education reform and the environment for digital services

- Building a higher education environment for digital services
- Making education more digital, increasing modularity and reinventing teaching



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Thank you!