

Higher Education Institutes' Digivision 2030

Finland as a model country for flexible learning



Digivision 2030

National learning data reserves for use by individuals and society

Finland is a model country for flexible learning in 2030. Learners are provided with data on their own learning in a secure manner. This enables and supports their learning throughout their lives.

With the vision, Finnish education will become a global pioneer

In 2030, Finland has an open and recognised learning ecosystem that offers quality, diversity, flexibility, efficiency and suitability for the life situation and needs, thus generating better learning results.

The learning ecosystem also provides a platform for research and innovation activities, benefiting society and working life extensively.

In 2030, the scientific and educational activities of higher education institutions secure high level of competence of the adult population, national competitiveness and international impact.

Digivision's four promises

1. MyData for learners
2. Learner's benefit at the centre of development
3. Higher education institutes are open communities led with information
4. Data for use by individuals and society

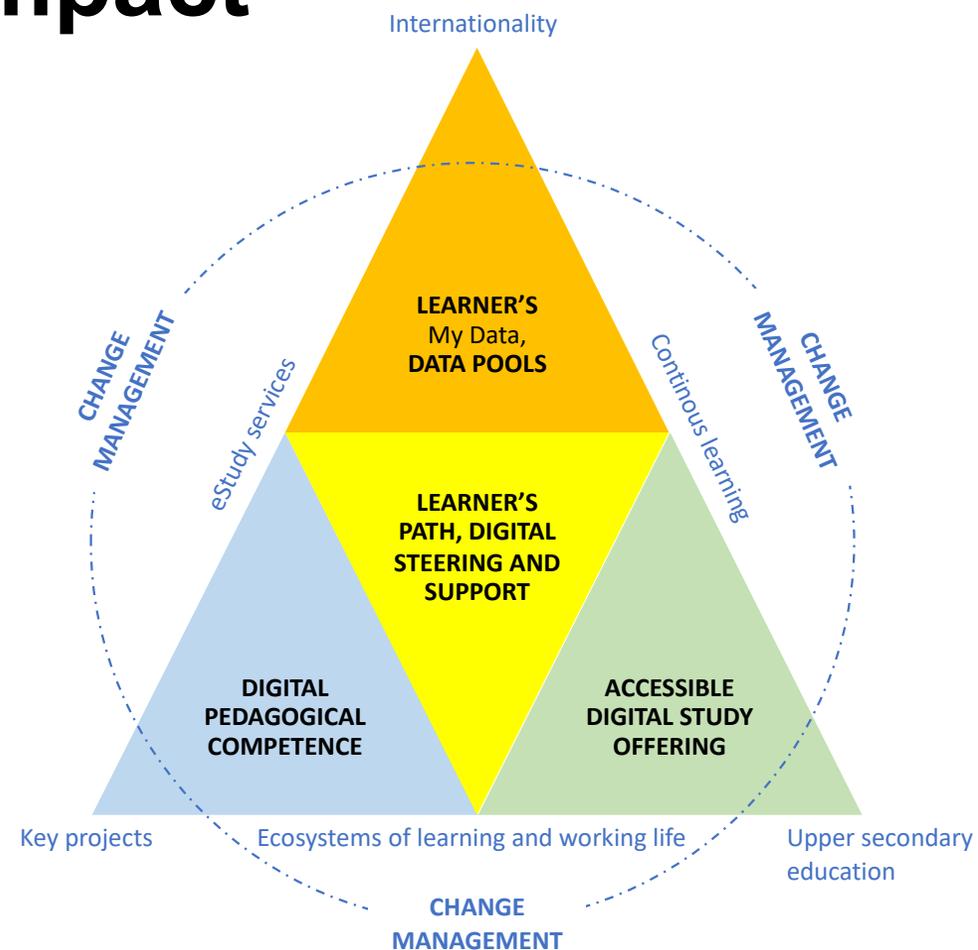
Operational target state for 2030

- Each learner has one national identity, and all education has a joint authentication service
- The learner can utilise higher education institutes' open e-learning offering as needed.
- The national "my data" portal provides the learner with access to all information for life. The information provides a basis for advising, guidance, identification of competence and, if desired, job-seeking.
- Shared data pools are in use. Data models have been agreed on, and information can be utilised by a private, public and foreign actor.

Digivision's target state and impact

The objective of the Digivision 2030 program is to create, as mutual and stakeholder cooperation, by 2030 a

1. **National digital service platform that**
 - a) enables the compatibility of digital services between higher education institutions,
 - b) provides the learner's "my data" service and integrates the accumulation of the learner's competence before and after the higher education institution to the learning and career path and
 - c) improves the compatibility of the actors' IT services and lowers the threshold for utilising national solutions.
2. **Guidance based on digital pedagogics, the learner's path and shared data, which**
 - a) supports studies and student well-being regardless of time and place and in an accessible manner,
 - b) Brings AI solutions as an aid in guidance, and
 - c) places the learner's benefit at the centre of development.
3. **Support for change management for higher education institutions, so that we can**
 - a) introduce the national digital service platform
 - b) digitize student administration processes and admission to higher education institutions,
 - c) support the development of higher education institutions into open communities managed by information, and
 - d) make data available for individuals and society.



Digivision's components – The learner's MyData and the learner's path, digital-pedagogical competence and accessible study offering that develops learning and the learner's well-being. The components create a platform where results of the key projects are made available for national use. Bringing components to the operation of higher education institutions requires support and change management.

Towards a shared national vision: Digivision 2030 until now



Roots

Implementation program for the Ministry of Education and Culture's education and research vision in 2030



Shared vision

Unifi and Arene propose a shared vision for the digitalisation of higher education



Shared commitment

All Finnish higher education institutions are committed to a shared vision and have signed a letter of intent



Steering

General assembly of all higher education institutions

Steering group

Coordinating bodies: Aalto and Metropolia



In 2020

Joint overall plan and roadmap

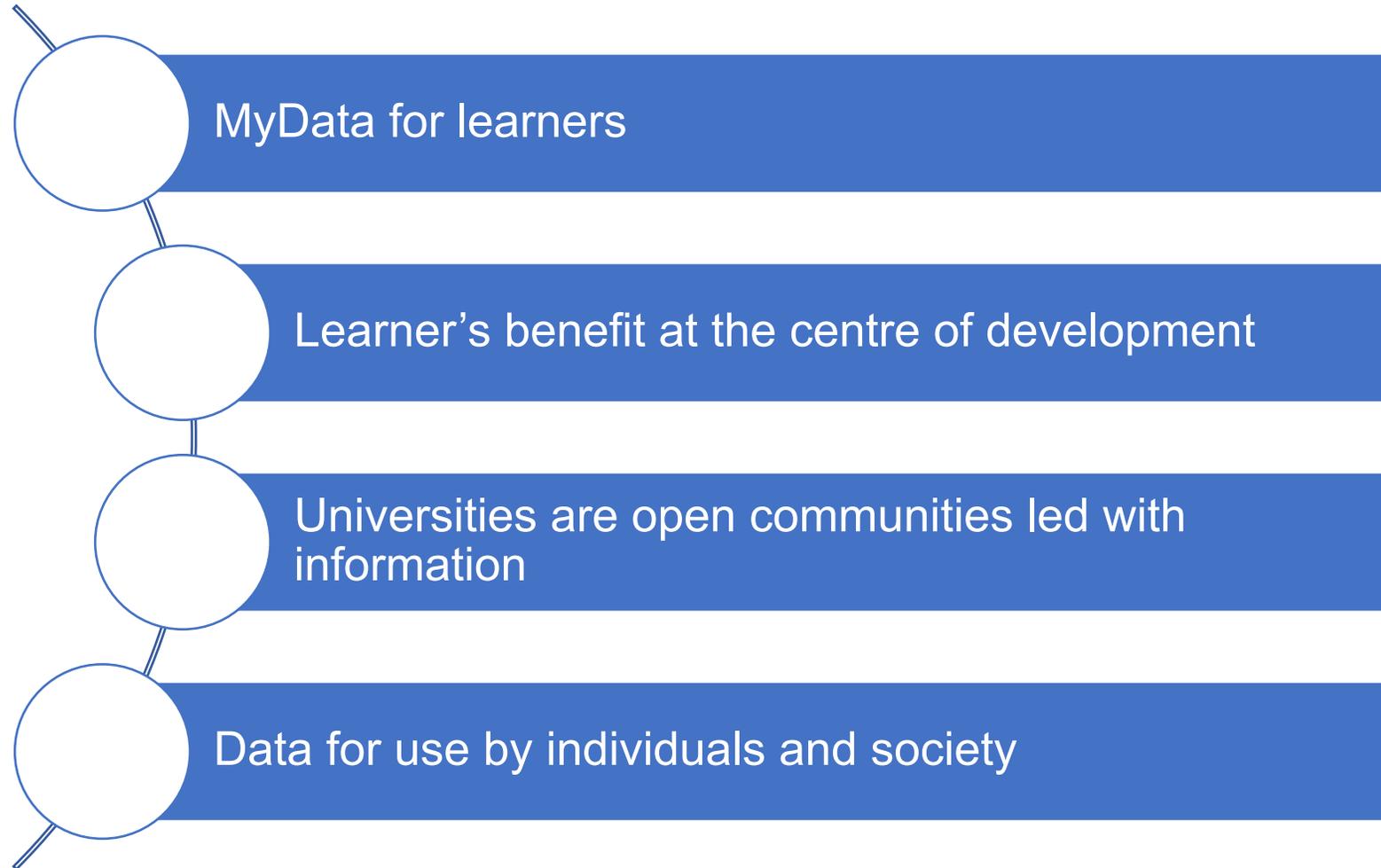
Recruitment of the program director

Establishment of a program office

Preparation of the funding application

Steering model and consortium agreement

Digivision's promises



Promise 1: MyData for learners

Learners have access to their own learning data and profile as well as the latest information on the trends in the labour market. These enable them to plan and complement their competence at all stages of their lives.

Learners receive advisory, guidance and support services according to their needs. The aim is to support the individual's capabilities and opportunities for lifelong learning.

Promise 2: Learner's benefit at the centre of development

Universities and educational institutions move from administrative and system-based thinking to meeting different learning needs from the perspective of individuals, business life, society, national and international influence.

Organisations in the learning ecosystem have access to digital services enabling them to have the demand for and supply of education to meet in a user-friendly and efficient manner. The services can be international, national as well as specific for the organisations.

The ecosystem enables closer cooperation and profiling between higher education institutions. At the same time, it frees up resources for developing working environments that support learning and research.

Promise 3: Universities are open communities led with information

The planning of education offering, study processes and student guidance are based on continuous analysis of competence needs, identification of effective operating methods and rapid application of the information obtained.

The objectives and operating models of higher education institutions encourage teachers and students to network-based cooperation, continuous employment-oriented and research-based pedagogical development and the production of communal learning material.

The 2030 higher education institution is an open, flexible and networked community led by information.

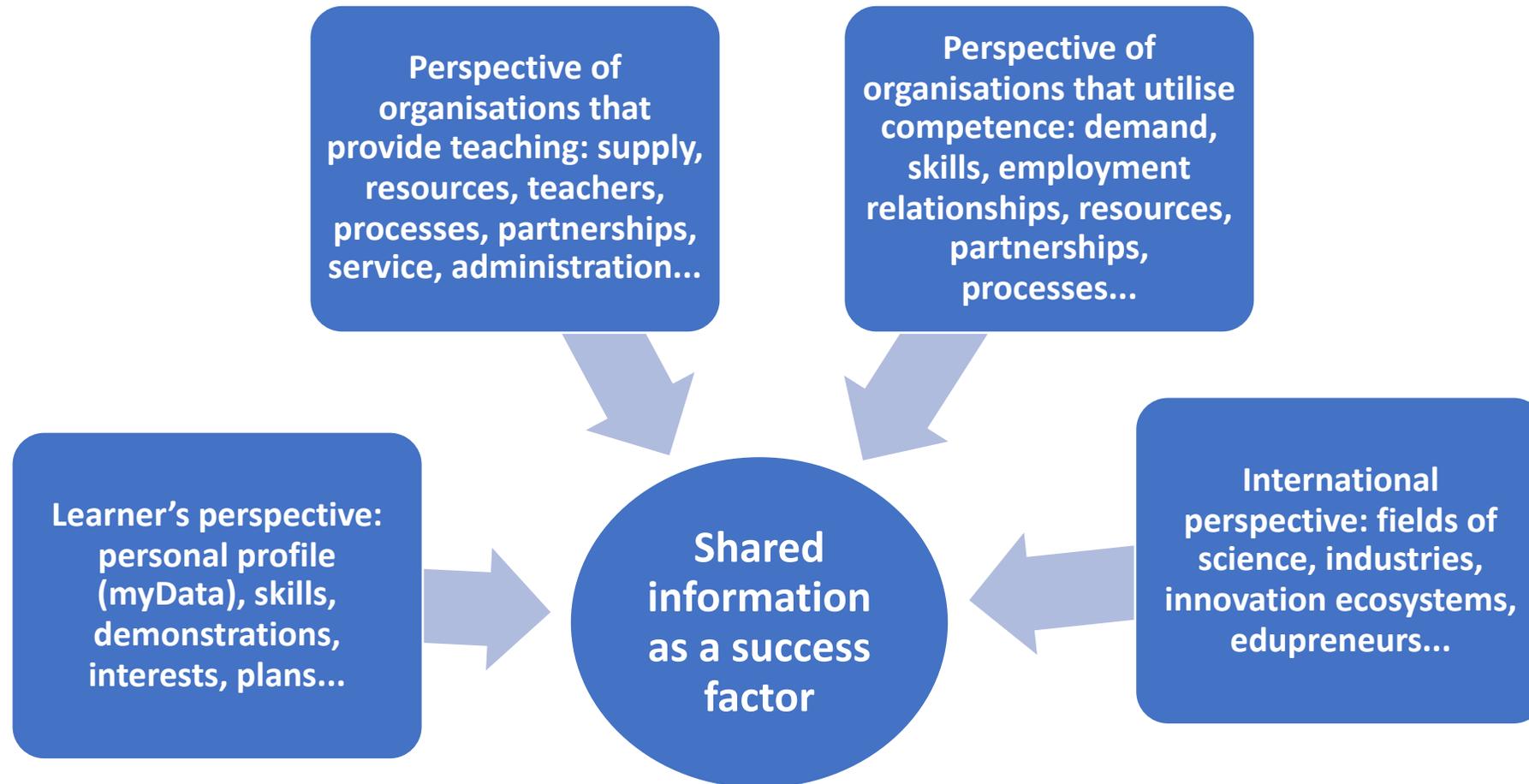
Promise 4: Data for use by individuals and society

National learning data reserves are opened for use by individuals and society. This brings international competitiveness for the whole of Finland. Nationally shared and refined information about learners, competences, learning and study contents becomes a unique success factor.

Information accumulated from learning and the labour market is used to allocate education and to develop administration, for example, in order to optimise the effectiveness of employment and national research and development activities.

Learning environments safely expand into international environments where Finnish learners receive the latest information. Finnish organisations offer their best competence on a global scale.

Digivision 2030: National learning data reserves for use by individuals and society



Timetable

2019

Preparations for Digivision

*Higher education institutions signed a letter of intent on Digivision on 11 February 2020
Establishment of steering group*

2020

Digivision's start-up stage

- *Agreement on a program office and establishment of the program office*
- *Recruitment of the program director*
- *Preparation of the funding application and submission of the application*
- *Transfer of responsibility for the program to the program office and program director*
- *Technical, pedagogical and financial planning of the program and a preliminary roadmap*

2021–2030

Implementation of Digivision

Digivision's steering group

- **Ilkka Niemelä**, President, Aalto University
- **Ari Hirvonen**, Digital Director, University of Jyväskylä
- **Hannu Ikonen**, Head of Education Development, JAMK University of Applied Sciences
- **Annukka Jokipii**, Vice President, University of Vaasa
- **Kati Kettunen**, Head of Services, University of Helsinki
- **Marjo Nenonen**, Development Manager of Education, Karelia University of Applied Sciences
- **Manu Pajuluoma**, Chief Information Officer, University of Lapland and Lapland University of Applied Sciences
- **Jari Perkiömäki**, Rector, University of the Arts Helsinki
- **Matti Sarén**, President/CEO, Kajaani University of Applied Sciences
- **Eeva Viitanen**, Director, Development, Metropolia University of Applied Sciences

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