

DIGIVISIO

**The GÉANT Task Force for
Educational Activities**

13.6.2022

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Program Manager

Building a future for learning

Digivisio 2030



Finland thrives on its diverse expertise

As the world changes, learning and expertise will take forms that we are not yet able to imagine. But, we still understand that we will need more and more experts in the future.

We can't just stand on the sideline, looking on,
while others show the way -
We've got to have the courage to build the future ourselves.

Digivisio is **a joint project of all Finnish higher education institutions** with the aim to create a future for learning that benefits higher education institutions, learners and our society as a whole.

A vision shared by all higher education institutions

DIGIVISIO

300,000

higher education students

38

Finnish higher education institutions

10

years

27,000

higher education institution employees

320

working on the project

44 M€

project budget
(02/2022)

**The project is
founded on equal
and open decision-
making.**



Joint project of all **Finnish higher education** institutions

Steering group

operative director

- strategic management of the project and ensuring stakeholder cooperation
- Led by Ilkka Niemelä (Aalto University)

General Assembly

Senior decision-maker/
Decision-making body

- approves the action plan and budget
- consists of representatives from higher education institutions

Project office

practical implementer

- planning and implementation of the project's practical activities
- Project Director Hanna Nordlund

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Digivisio benefits learners, teachers and society

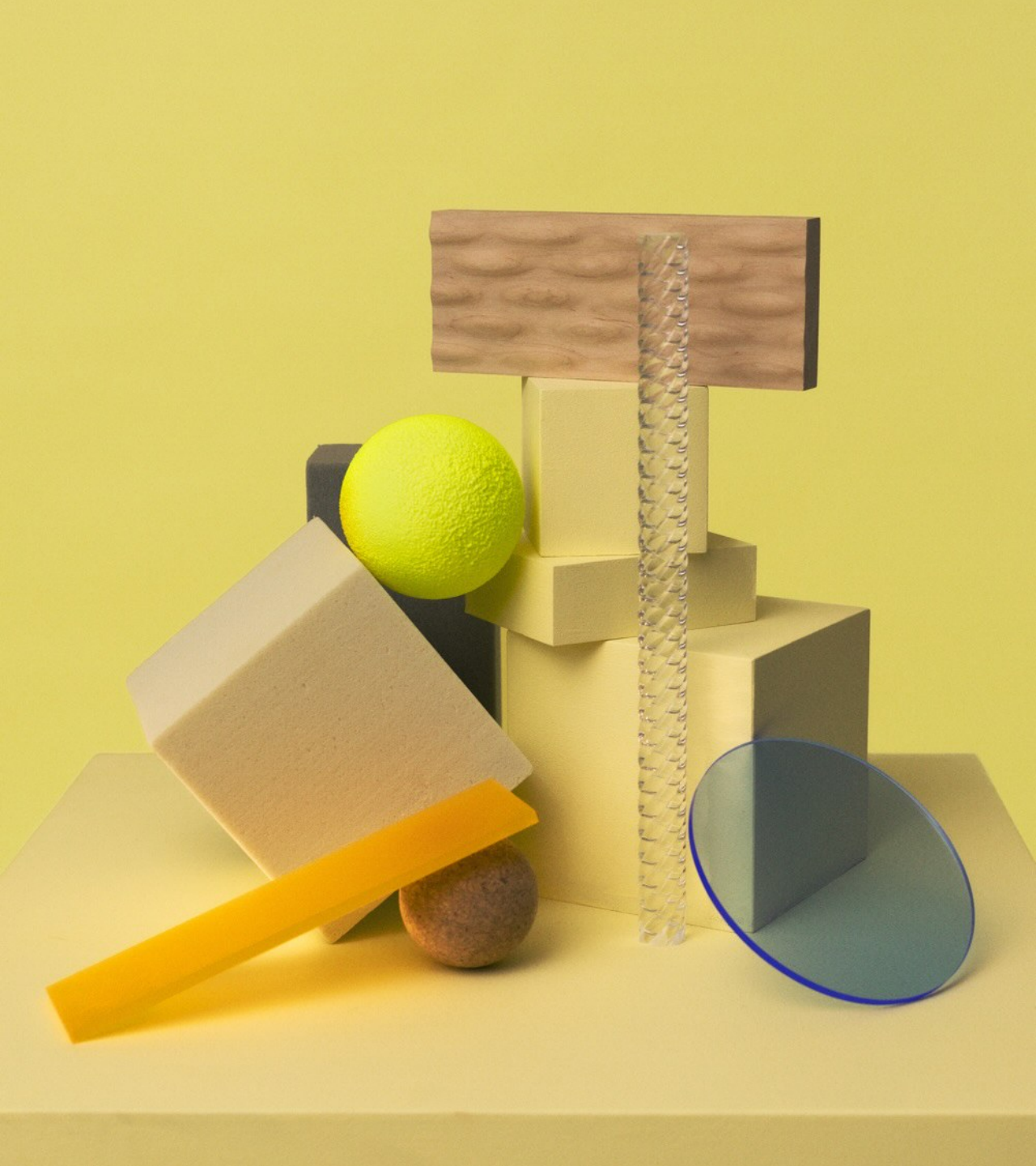


DIGIVISIO

Digivisio enables **learners** to learn more easily and flexibly, thus allowing them to accumulate the necessary expertise for a constantly changing world and job market.

Digivisio strengthens the role of the **teacher** as a producer of high-quality content and as a facilitator of internationally renowned study experiences.

Digivisio ensures that the standard of **higher education** rises and Finns' access to employment improves – both in Finland and abroad.



Roadmap 2021–2024 (1.1)

DIGIVISIO

2021

- Learner's user path described
- Target architecture described
- Needs for legislative changes identified
- Current projects and systems analysed
- Functional specifications of the Digivisio 2030 services completed
- First two limited Digivisio 2030 deployments decided
- Necessary measures have been outlined based on the legal persons' report
- Higher education institutions and the Ministry of Education and Culture are committed to a shared vision
- Financing, project and resourcing planned
- Development and management model attached

2022

- Close participation of learners
- Target architecture described and conceptual model drafted
- Implementation of Digivisio 2030 services launched and key integrations defined
- Identity management MVP prototype completed
- Policies and decisions related to continuous services have been made
- Service deployment model defined
- Ecosystem model described
- Digital pedagogy cooperation: Vision for the future of digital pedagogy 2030 defined, closer cooperation between developer networks, training launched, rules for joint offering defined
- Promoting the need to amend legislation and common interpretations
- Change management programme launched
- Select elements of key project work have been included in the project
- Consortium working and decision-making model established
- Stakeholder forum activities established
- Quality management integrated in all project activities
- Tools required for project work in use

2023–2024

- The first versions of the Digivisio 2030 services launched and continuous services operate according to the service level defined by higher education institutions
 - Minimum implementation of identity management piloted in pilot higher education institutions (beginning of 2023)
 - Implementation of identity management in extensive production use (2024)
 - Education offering for continuous learning at higher education institutions 1.0 launched in a joint service, which also includes third party implementations and joint e-learning offering (2024)
- Modularity taken into account in the joint learning offering
- Ecosystem model piloted and revenue logic attached
- Digital pedagogy rules for joint learning used in the joint offering of higher education institutions
- The change management programme provides support for the introduction of Digivisio 2030 services and the change work of higher education institutions
- Policies related to learning platform cooperation have been drafted
- Promoting the need to amend legislation and common interpretations
- Ensuring follow-up funding of the project

2025–

- Study offering and learner information in one place
- Seamless processes and services have been implemented
- The ecosystem creates significant added value through learning and teaching data
- Continuous development, interim assessments

2022 - step by step

This year, Digivisio will focus on starting **internal change work** in higher education institutions.

Higher education institutions must be able to draft and commit to joint policies on the progress of the project. In general, **awareness** and **a commitment** to the project in higher education communities and other stakeholders is important.

While things are happening in the higher education field, the **implementation of the project services** will be launched, keeping a learner-oriented approach as a key part of the development work

Scenario

Finland has an internationally esteemed open learning ecosystem that widely benefits society as a whole

World of expertise 2030

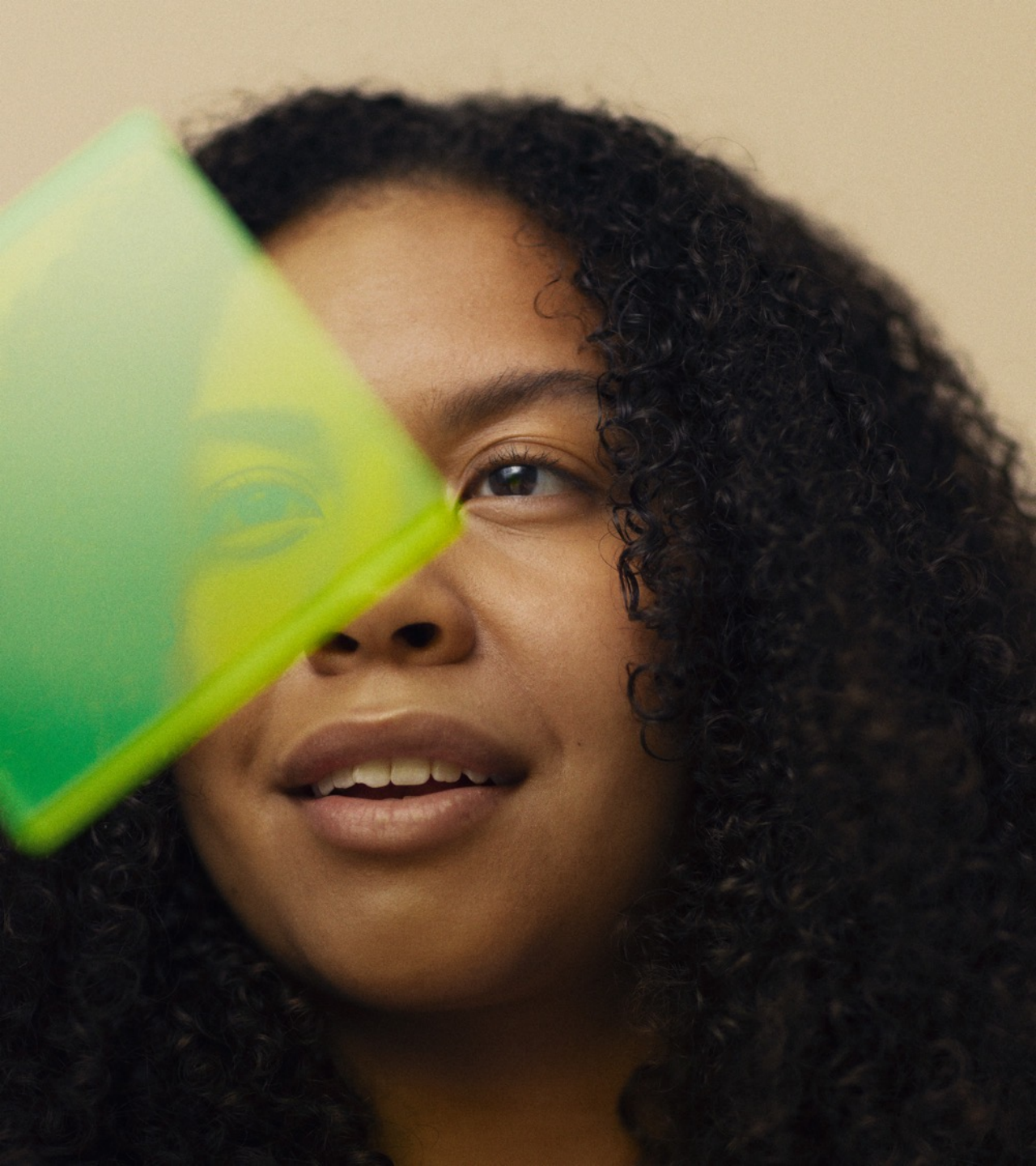
- The world is changing at an accelerating pace. People's expectations and ways of acting are changing fast.
- The competition for experts is getting tougher. In working life, there is a constant need to adopt new skills. Learning and expertise will take forms that we are not yet able to imagine.
- We do know, however, that the future will not be built just by solving today's problems or by looking on while others show the way.



World of learners 2030

- The learning ecosystem shifts its focus from the organisation to the learner.
- Both experts and education providers develop their expertise.
- Studies involve an extensive network of contents and study modules produced by parties outside higher education institutions.

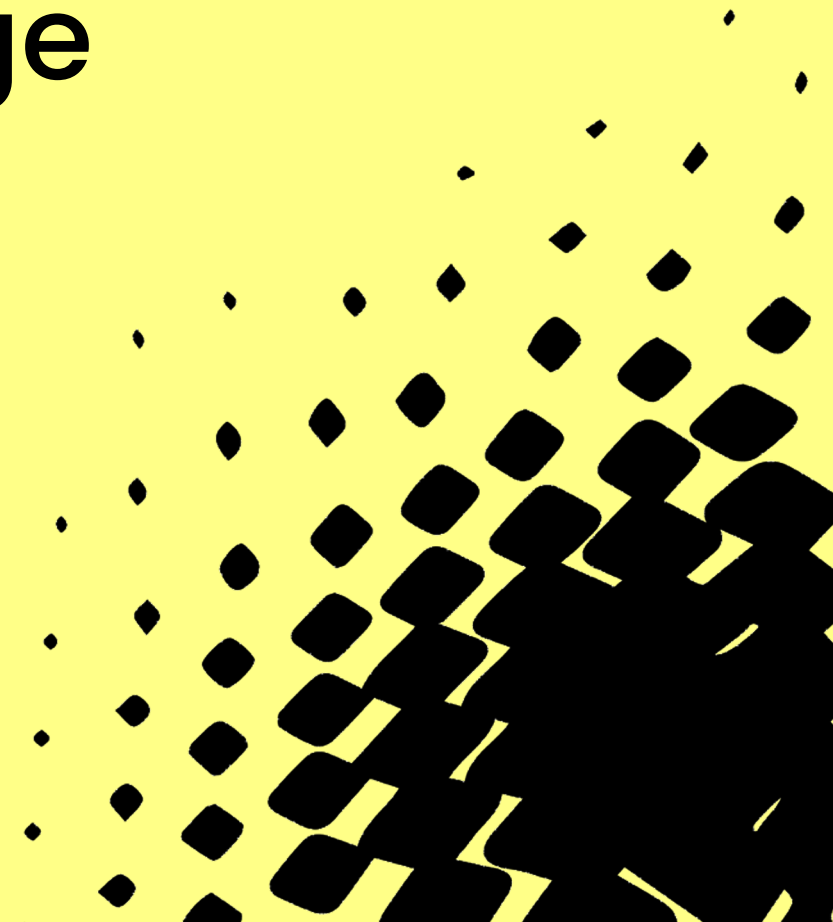




World of learning 2030

- The provision of joint learning and building of systems will be made possible through cooperation between higher education institutions.
- Learning independent of time and place.
- Analytics can provide new information for planning and targeting the offering.

// We must have the courage
to build the future
ourselves.



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Implementation

Continuous and flexible learning platform - The first implementation of Digivisio



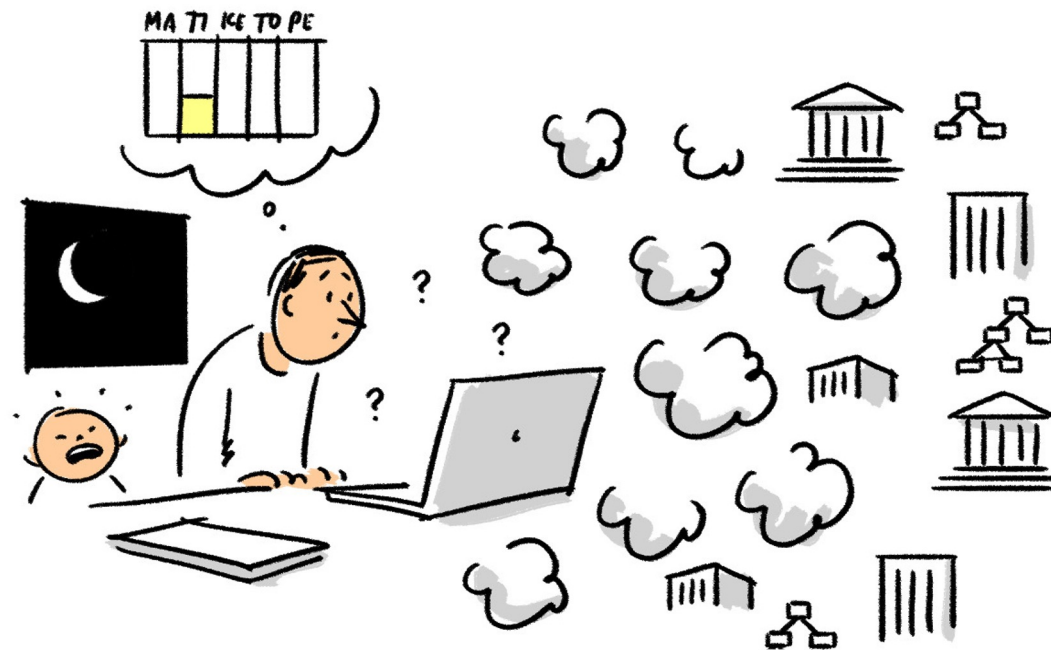
Learners find the current situation challenging

I would like to strengthen my expertise in marketing. I must be able to study despite my work and hectic everyday life.

Where can I find a course that suits my needs?

I've found lots of options through search engines.

Should I choose a course offered by a private provider or a higher education institution? Which one fits my schedule?



Google opiskele markkinointi etänä

Kaikki Kuvahaku Ostokset Kartat Videot Lisää Työkälyt

Noin 41 900 tulosta (0,41 sekuntia)

Mainos - <https://www.oulu.fi/>
Hae kauppatieteelliseen - Oulun yliopisto - Yhteishaku 16.3.-30.3
 AACSB-akreditoitu kansainvälinen kauppatieteiden korkeakoulu. Hae 16.3.–30.3.2022. Opintoaineet: rahoitus, laskentatoimi, markkinointi, taloustiede, kv-liiketoiminnan joht.

Mainos - <https://www.helbus.fi/>
University of Northampton - Suorita opinnot jopa 12 kk:ssa
 MBA-tutkinto - Lue mitä maisteriohjelmassa opiskelu sinulle antaa, mitä se sinulta vaatii! Koko- tai osa-aikaisesti opiskellen? Ehdi vielä hakea inspiroivaan...
 Tee testi - Maisteriohjelman kuvaus - Aikataulut

Mainos - <https://www.rastorinst.fi/>
Markkinoinnin ja viestinnän koulutukset verkossa/etänä Rastor
 Löydät sopivia kursseja sekä vasta-alkajille että markkinoinnin ammattilaisille. Lunastat paikkasi alialla, jolla pysyväsi on vain muutos! Kaikki koulutukset etänä. Uudistu urallasi.
 Pyhäjärvenkatu 5, 3. kerros, Tampere - Avoimna tänään - 8.00–16.00

Mainos - <https://www.schoolofsales.fi/>
Myyntikoulutus - Myyntikoulutukset - schoolofsales.fi
 Myynnin koulutusta sekä työelämässä oleville että työmarkkinoille tuleville. Saat valmentajakesesi kaikki parhaat myynnin osajat, vain meillä! Tutustu koulutuksiin.
 Tulevat koulutukset - Blogi - Kouluttajat - Tulevat tapahtumat

<https://www.rastorinst.fi/> koulutukset koulutusalat
Markkinoinnin ja viestinnän koulutukset - Rastor-instituutti
 Aloita opiskelu - nyt myös joustavasti etänä! Markkinoinnin ja viestinnän koulutukset. Markkinointia, viestintää vai digiä? Löydä oma koulutuksesi!

<https://www.etaopiskelu.fi/> koulutushaku markkinoi...
Markkinointi / Myynti - markkinointikoulutus, myyntikoulutus ...
 Markkinoinnin etä- ja verkko opinnot. Mikäli ei halua muuttaa kotipaikkakunnattasi tai et löydä sinulle sopivaa koulutusohjelmaa, on markkinoinnin etäopiskelu ...

Ihmiset kysyvät myös

Miten opiskella markkinointia? ▾

Missä voi opiskella viestintää? ▾

Onko markkinointi viestintää? ▾

Mitä on sähköinen markkinointi? ▾

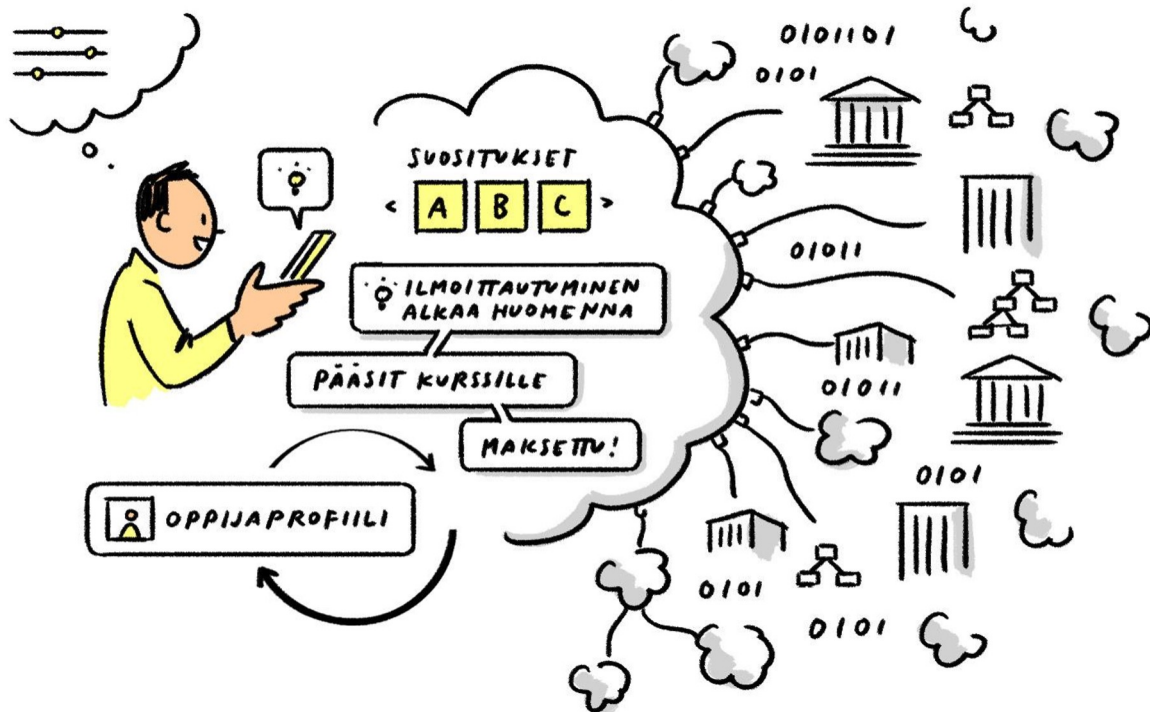
Education offering listed in one location makes it easier to find and register for an education that suits your life situation and needs

DIGIVISIO

All offered education "under one roof".

One address where I can browse, compare and eventually decide which education is right for me.

If I wish, I can focus on the education of a certain higher education institute and I can also easily access the school's website.



Tarjotin

Etusivu Sisällöt Korkeakoulut

Kirjautu ulos

Ostoskori

Etsi korkeakoulujen tarjonnasta

Etsi nimellä HAE

Suodata

Aihe	Sisällön tyyppi	Sijainti	Korkeakoulu
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Toteutustapa	Taso	Hinta	
<input type="text"/>	<input type="text"/>	<input type="text"/>	

5400 sisältöä

<p>Korkeakoulu ABC</p> <p>MIKROYRITTÄJYYS YRITTÄJYYS</p> <h3>Digitaalinen myynti ja markkinointi mikroyrityksissä</h3> <p>Korkeakoulu ABC</p> <p>Mikroyrittäjät ja yrittäjyydestä kiinnostuneet, yritysneuvojat, freelancerit ja muut yritysten asiantuntija- ja kehittämistehtävissä toimivat, aluekehittämisen asiantuntijat.</p> <p>Verko-opetus 8.11.2021 - 31.12.2021 5 op 75 €</p> <p>ILMOITTAUDU</p>	<p>Korkeakoulu ABC</p> <p>MIKROYRITTÄJYYS YRITTÄJYYS</p> <h3>Digitaalinen myynti ja markkinointi mikroyrityksissä</h3> <p>Korkeakoulu ABC</p> <p>Mikroyrittäjät ja yrittäjyydestä kiinnostuneet, yritysneuvojat, freelancerit ja muut yritysten asiantuntija- ja kehittämistehtävissä toimivat, aluekehittämisen asiantuntijat.</p> <p>Verko-opetus 8.11.2021 - 31.12.2021 5 op 75 €</p> <p>ILMOITTAUDU</p>
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Digivisio services and technical solutions

DIGIVISIO

The continuous and flexible learning platform retrieves and presents the educational offering from the data platform, enables comparison and selection, and displays the transaction to the learner.

A user interface that brings the services together in one place and presents the offering

Educational offering

enables the presentation and comparison of the offering

Identity management

enables authentication via the learner's national, user-centric identity.

My Data

enables a personalized service experience and transactions by tapping into

the learner's existing knowledge and supplementing it in the process.

AI-based guidance services

form the tray's recommendation engine to promote the alignment of supply and demand.

Joint application and registration services

improve the implementation of conversions: uniform display of the registration process and payment options for the learner, attaching oneself to an institution or cross-institutional studies.

Key elements of the tray: identification, personalization, guidance and registration

The data platform collects the data required by the continuous and flexible learning tray from source systems and returns updated information to them. Data stored on the platform can also be used by other actors and software.

A joint knowledge base retrieves data from source systems where transactions are stored and where data is returned or redirected for different uses.

Source systems describe the offering and store the master data

Learners

Objective

The learner knows where to find educational offerings that correspond with competence needs

In practice

- An AI-based service that helps to identify competence needs based on one's own goals, prior learning and the competence needs of working life.
- The learner finds possible learner paths in one service and can easily compare them.
- Comparison and selection are supported by intelligent recommendations based on the learner's existing knowledge and labour market data.



Higher education institutions

Objective

The educational offering reaches a wider public and is more effectively targeted

In practice

- A new joint channel for presenting the offering will be opened for higher education institutions
- A new view shared by higher education institutions for presenting and sharing educational offerings
- E-learning offerings can be more easily found
- Analytics helps in the planning and targeting of offerings



Society

Objective

To support innovation and enhance Finland's competitiveness

In practice

- The provision of studies can be targeted at the needs of society and the labour market
- Topical and tailored educational offering responds directly to the needs of employers
- National data resources for continuous learning will be made available to individuals and society



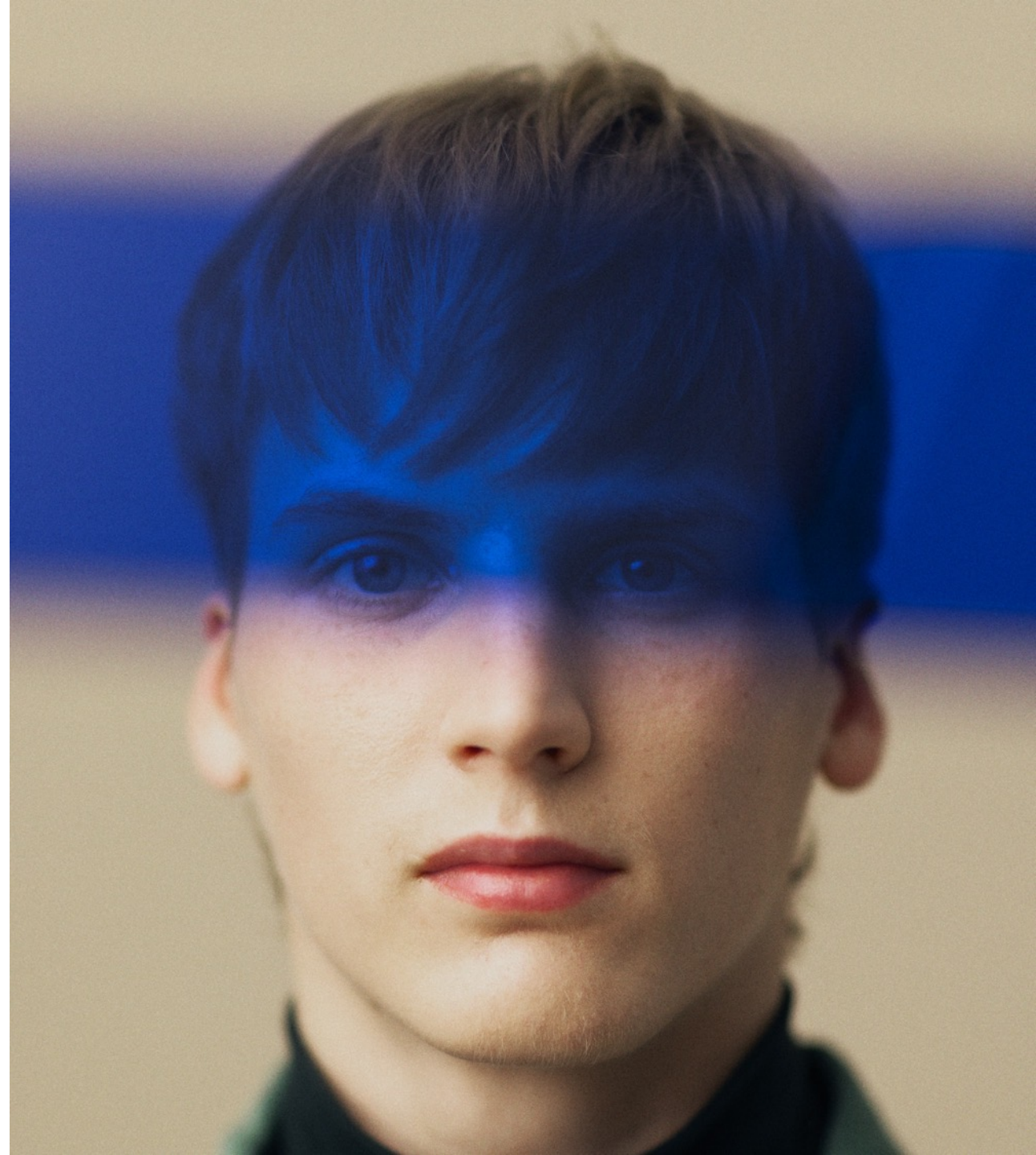
Companies

Objective

To create new business opportunities

In practice

- Enabling an ecosystem for companies, on top of which new services will be developed
- Co-design and open data



Timeline

(Digivisio 2030 services timeline)

1.0 Pilot

- Data platform MVP
- Identity management MVP

2.0 Pilot

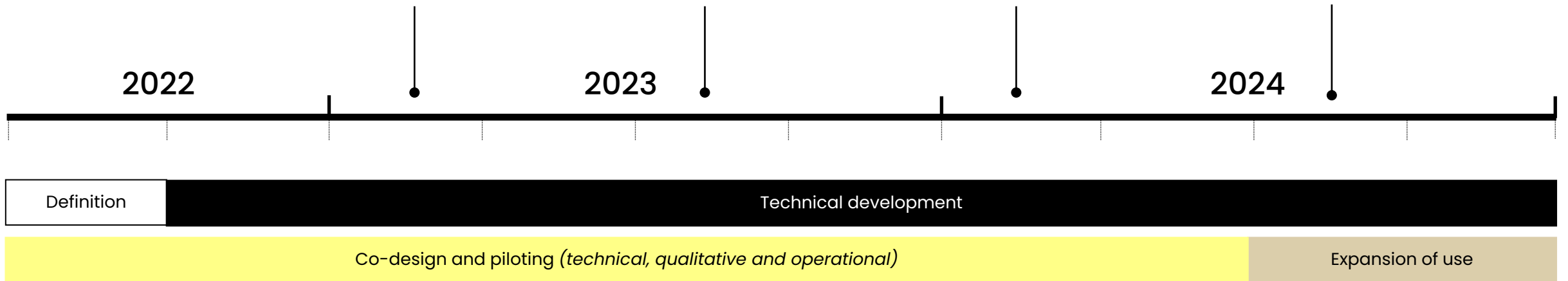
- Data platform
- Identity management
- My Data MVP
- AI-based guidance services MVP
- Registration MVP


3.0 Pilot

- Data platform
- Identity management
- My Data
- AI-based guidance services MVP
- Registration MVP

4.0 Launch

- Data platform
- Identity management
- My Data
- AI-based guidance services
- Registration





DIGIVISIO

www.digivisio2030.fi

[linkedin.com/company/digivisio-2030](https://www.linkedin.com/company/digivisio-2030)

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Thank you!