



# DIGIVISIO

**Digivisio 2030 –  
Building the future  
of learning**


**Webinar  
4/14/2022**





# Programme:

- Opening words, Jonna Piironen, Communications Manager
- Digivisio 2030 – background and goals, Hanna Nordlund, Programme Director
- Follow Digivisio 2030 online – information about newsletters and social media, Siiri Nousiainen, Communications Specialist
- Closing words



# **Digivisio 2030 – background and goals**

Hanna Nordlund, Programme Director

**DIGIVISIO**

# Contents

Part 1

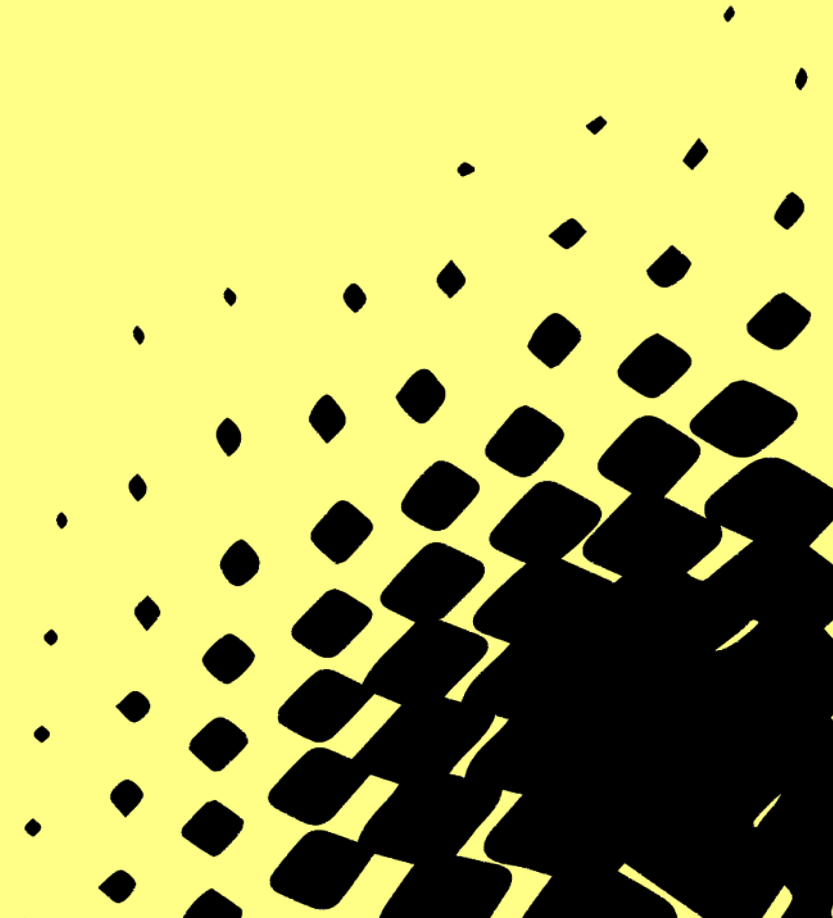
**Digivisio scenario**

Part 2

**Digivisio in a nutshell**

Part 3

**Digivisio in practice**



Digivisio 2030 is **a joint programme of all Finnish higher education institutions** whose aim is to create a future for learning that benefits higher education institutions, learners and our society.





## **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.

## Scenario

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





## World of expertise 2030

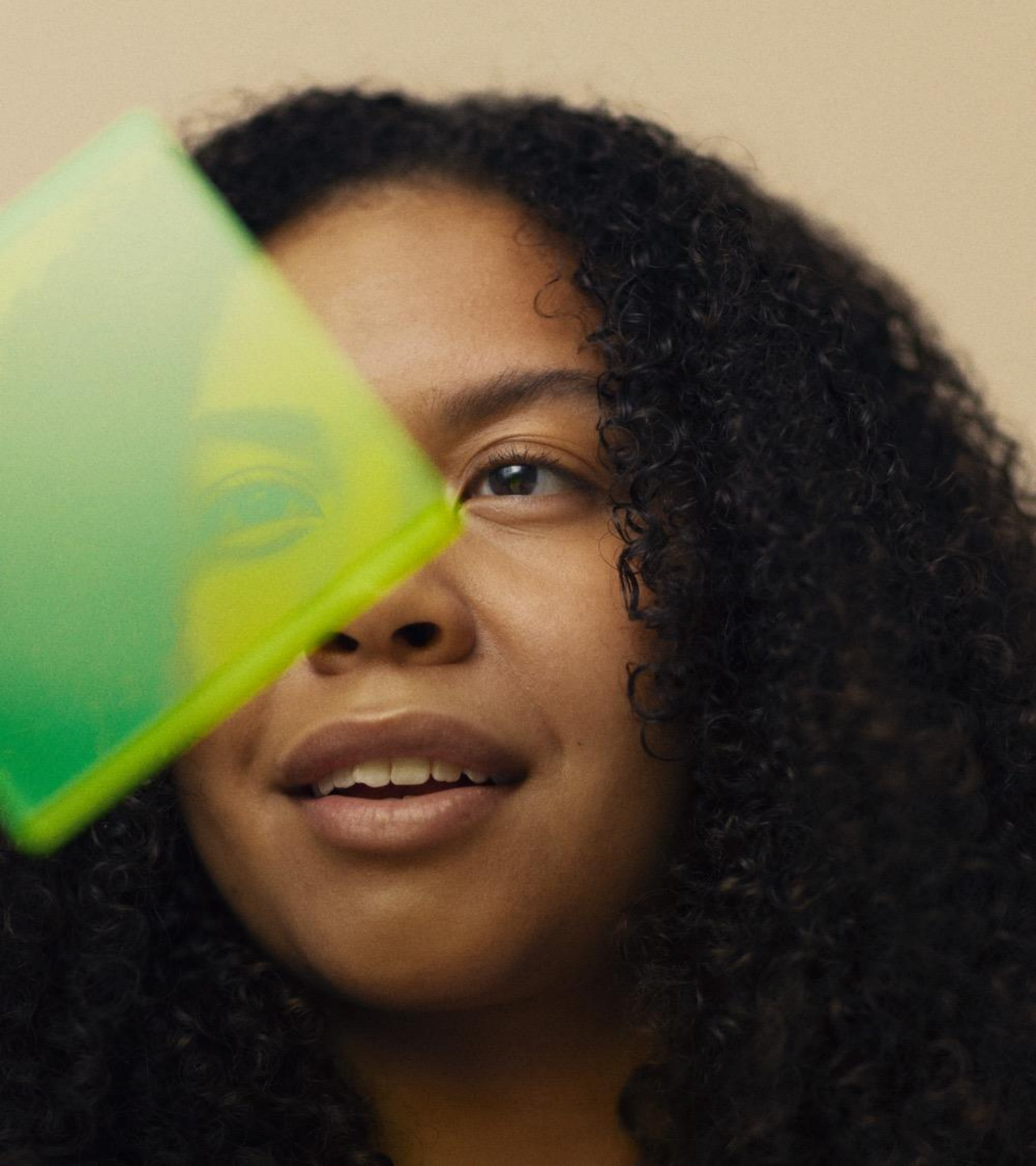
- The world is changing at an accelerating pace. People's expectations and ways of acting are changing fast.
- The competition for experts is getting tougher. In working life, there is a constant need to adopt new skills. Learning and expertise will take forms that we are not yet able to imagine.
- We 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.

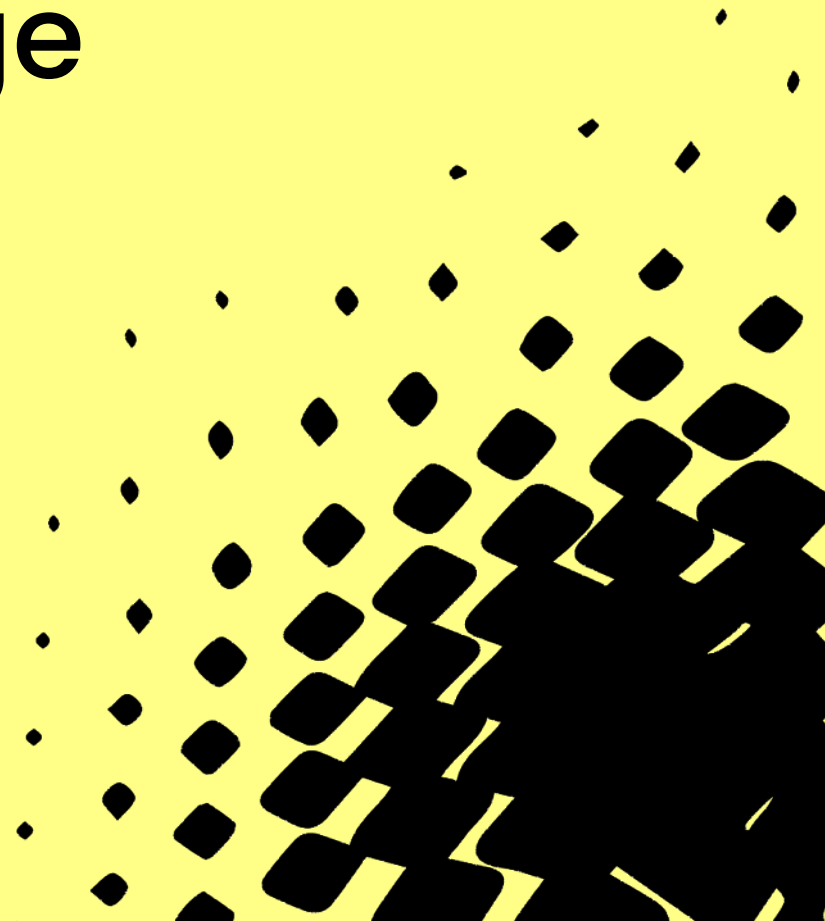


## **World of learning 2030**

- 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.



# A vision shared by all higher education institutions

**300,000**

higher education students

**38**

Finnish higher education institutions

**10**

years

**27,000**

higher education institution employees

**320**

working on the programme

**44 M€**

programme budget (02/2022)



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



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

**General Assembly**

highest decision-making body

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

**Steering group**

strategic management

- strategic management within the boundaries of action plan and budget
- stakeholder cooperation
- Led by Ilkka Niemelä (Aalto University)

**Programme office**

implementation

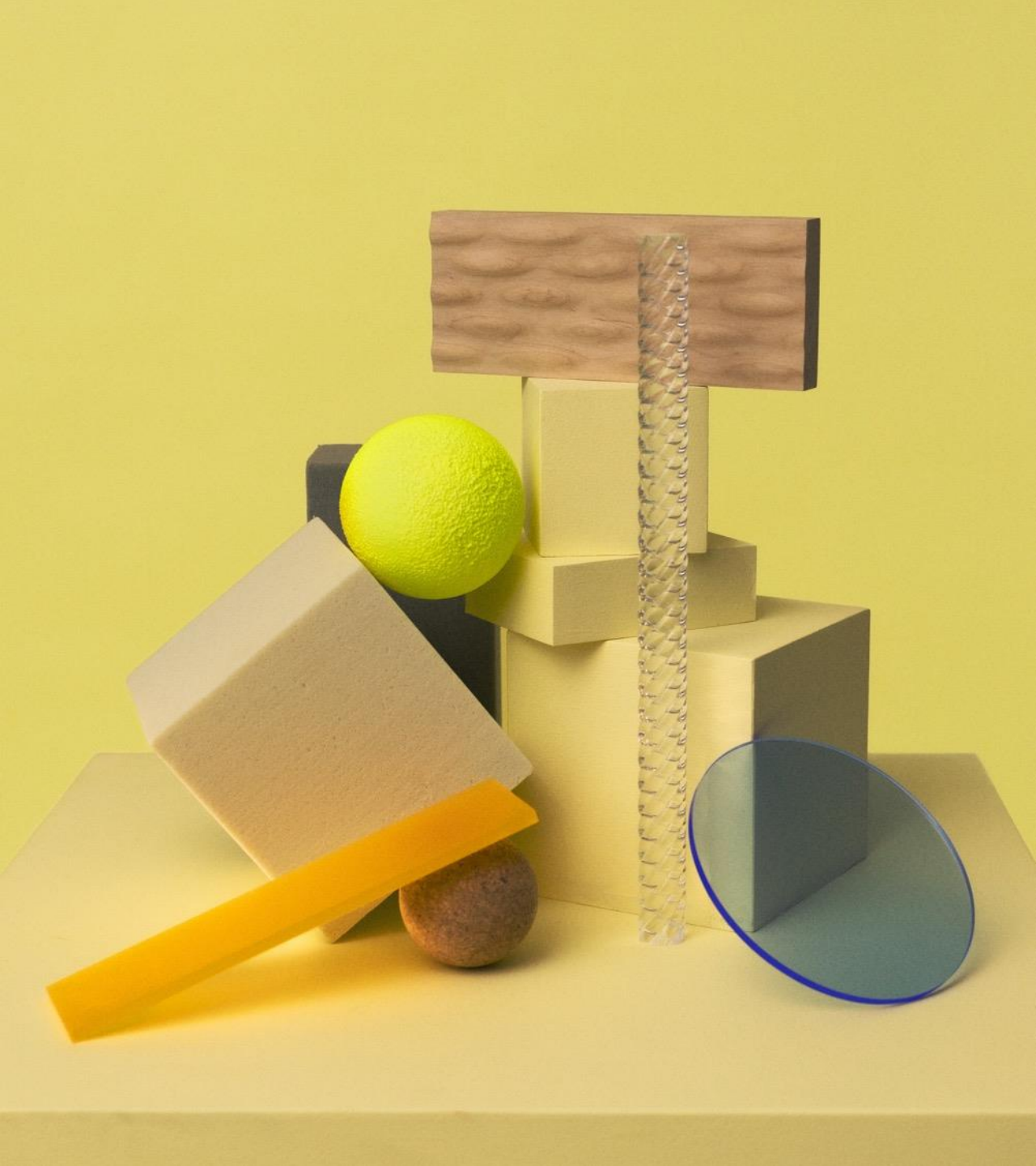
- planning and implementation of the project's practical activities
- Project Director Hanna Nordlund



DIGIVISIO

# **Digivisio benefits learners, teachers and society**





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

Digivisio strengthens the role of the **teacher** as a producer of high-quality content and as a facilitator of internationally renowned learning 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)

## 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, programme 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 programme
- Consortium working and decision-making model established
- Stakeholder forum activities established
- Quality management integrated in all programme activities
- Tools required for programme 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 programme

## 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 and decisions** necessary for progress of the programme. In general, **awareness** and **a commitment** to the programme in higher education communities and other stakeholders is important.

While things are happening in the higher education field, the **development of Digivisio 2030 services** will be started, keeping a learner-oriented approach as a key part of the development work

**// Keeping our position globally as the best place to learn will continue to be the guarantor of Finnish competitiveness.**





DIGIVISIO

# Implementation

Continuous and flexible learning tray - The first implementation of Digivisio



# Digivisio services and technical solutions

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

**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.

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

*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.

**Source systems** describe the offering and store the master data

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

# 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





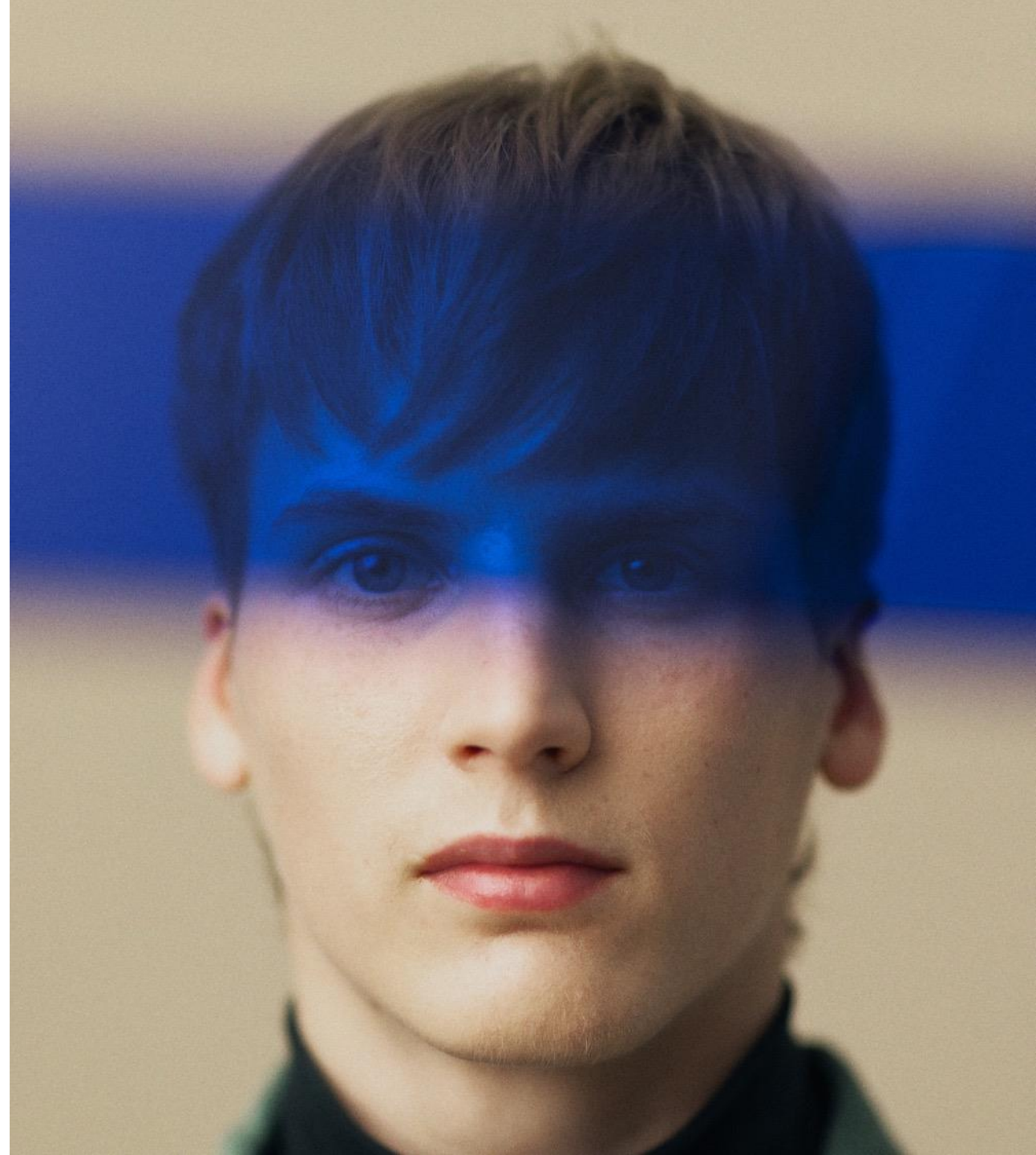
# Companies

## 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

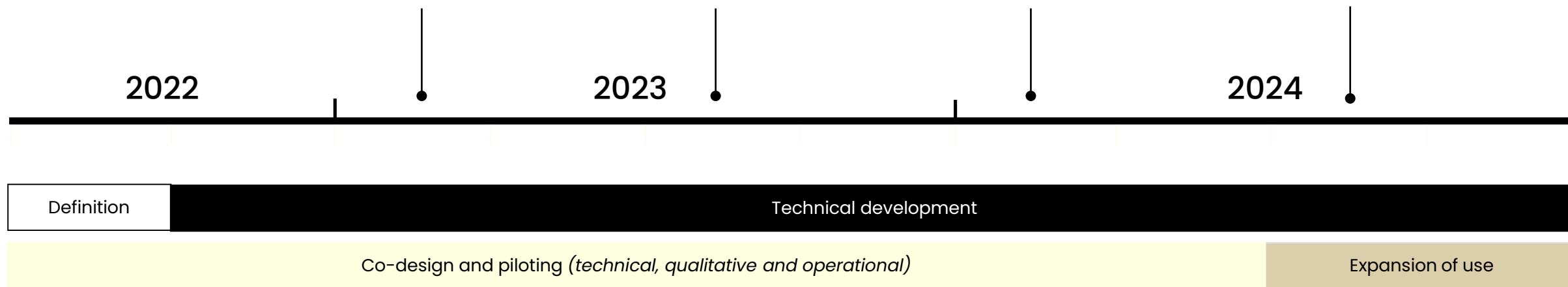
- Data platform
- Identity management
- My Data MVP
- AI-based guidance services MVP
- Registration MVP

## 3.0 Pilot

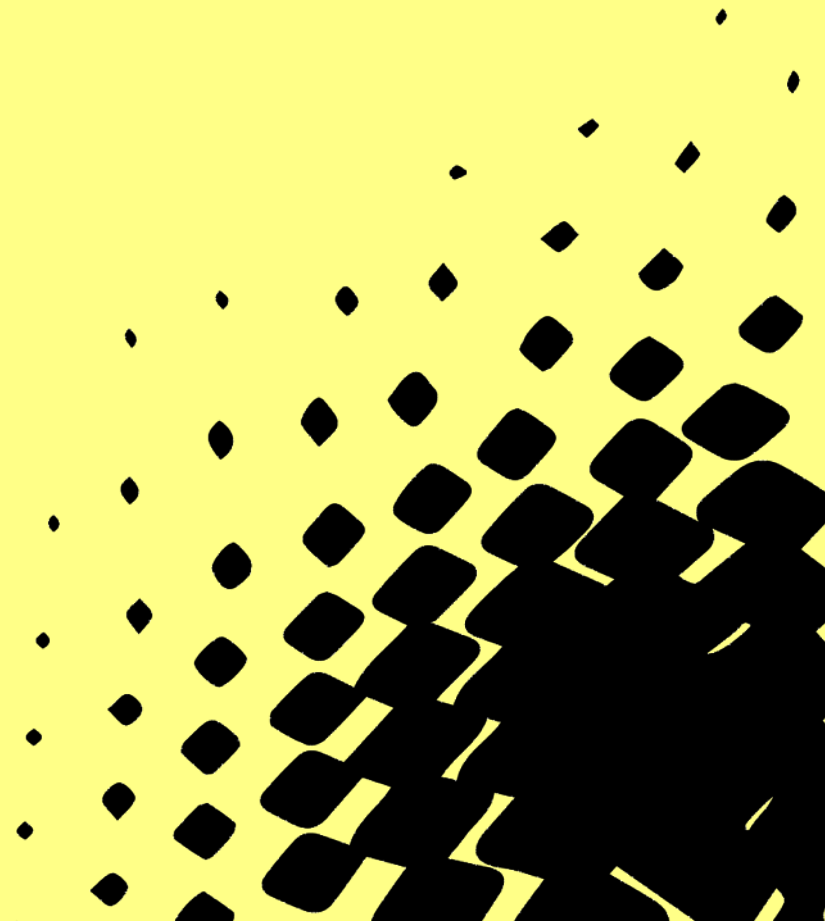
- Data platform
- Identity management
- My Data
- AI-based guidance services MVP
- Registration MVP

## 4.0 Launch

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



**// We want to build the future of learning – a future which benefits higher education providers, learners and the whole of society.**



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2021



2022



2023-2024



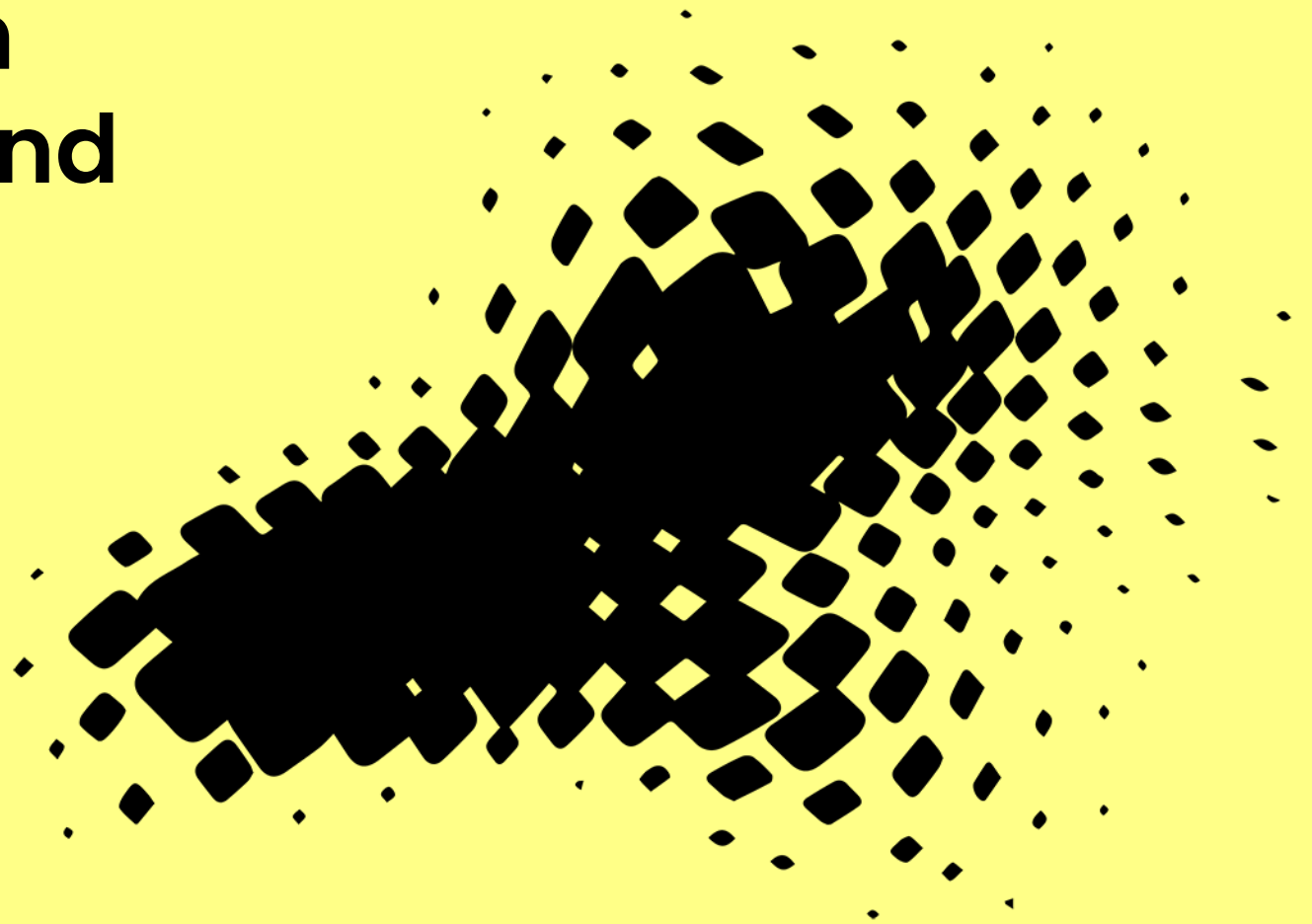
2025-





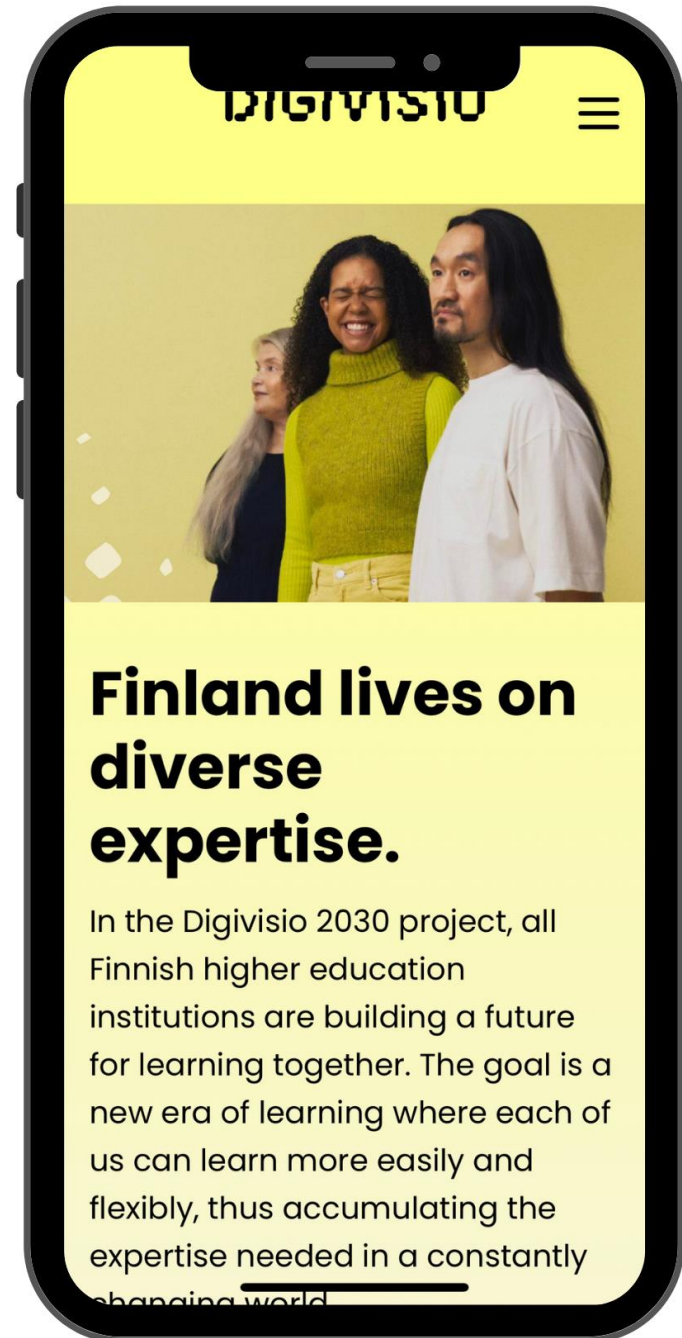
# Follow Digivisio 2030 online – information about newsletters and social media

Siiri Nousiainen,  
Communications Specialist



# Website and newsletters

- At **[www.digivisio2030.fi](http://www.digivisio2030.fi)**, you'll find the latest news and updates about the project, events and lots more!
- Subscribe to our newsletter at **[www.digivisio2030.fi/newsletters](http://www.digivisio2030.fi/newsletters)**
  - The newsletter is going to be opened for subscriptions soon!



# Social media

- The Digivisio project is on **Twitter** as **@Digivisio2030** and **LinkedIn** as **Digivisio 2030**.
- You can also follow Digivisio on **YouTube**.





# Upcoming events

- Next webinar in English:
  - 14th of June at 2 pm.
- Webinars in Finnish:
  - 31.5. klo 14.00-15.00
  - 21.6. klo 14.00-15.00
- See [www.digivisio2030.fi](http://www.digivisio2030.fi) for more info!





[www.digivisio2030.fi](http://www.digivisio2030.fi)

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# Thank you!