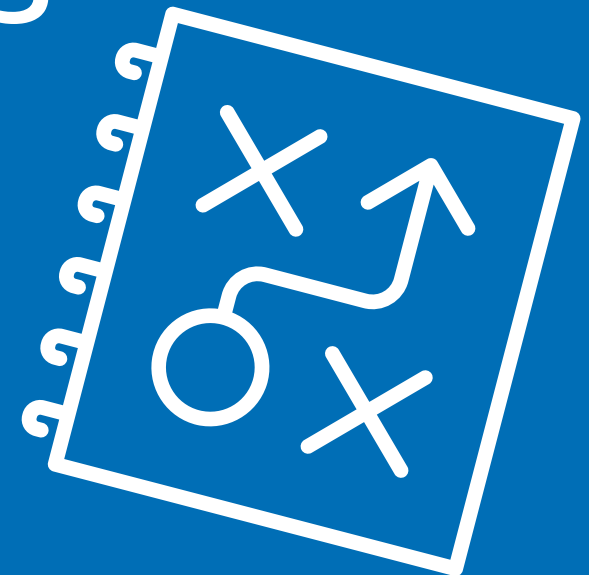


World's Smoothest Cross-Border Mobility and Daily Life Through Digitalisation Workshop for handbook of cross-border data exchange of educational credentials

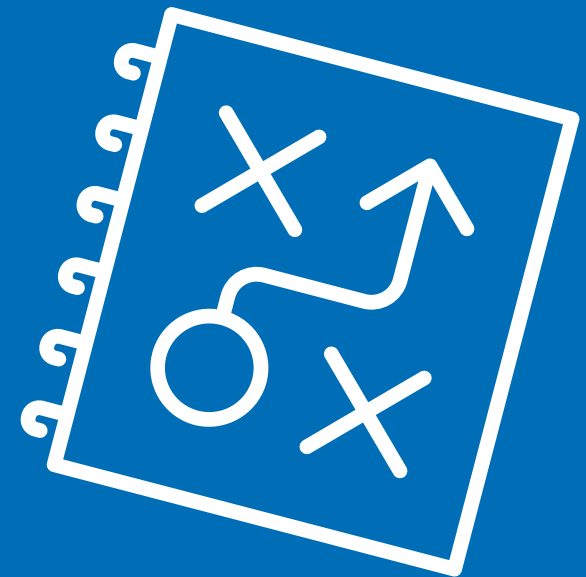
17 April 2023



Welcome to WORKSHOP

**WP1: Studying in another
Nordic-Baltic Country
(CBDS-Study)**

17 April 2023



Workshop staff today:



Riikka Rissanen
project manager
(EDU.FI)



Petteri Pulli
specialist
(EDU.FI)



Anne Kari
project manager
(Digital and
Population Data
Services)



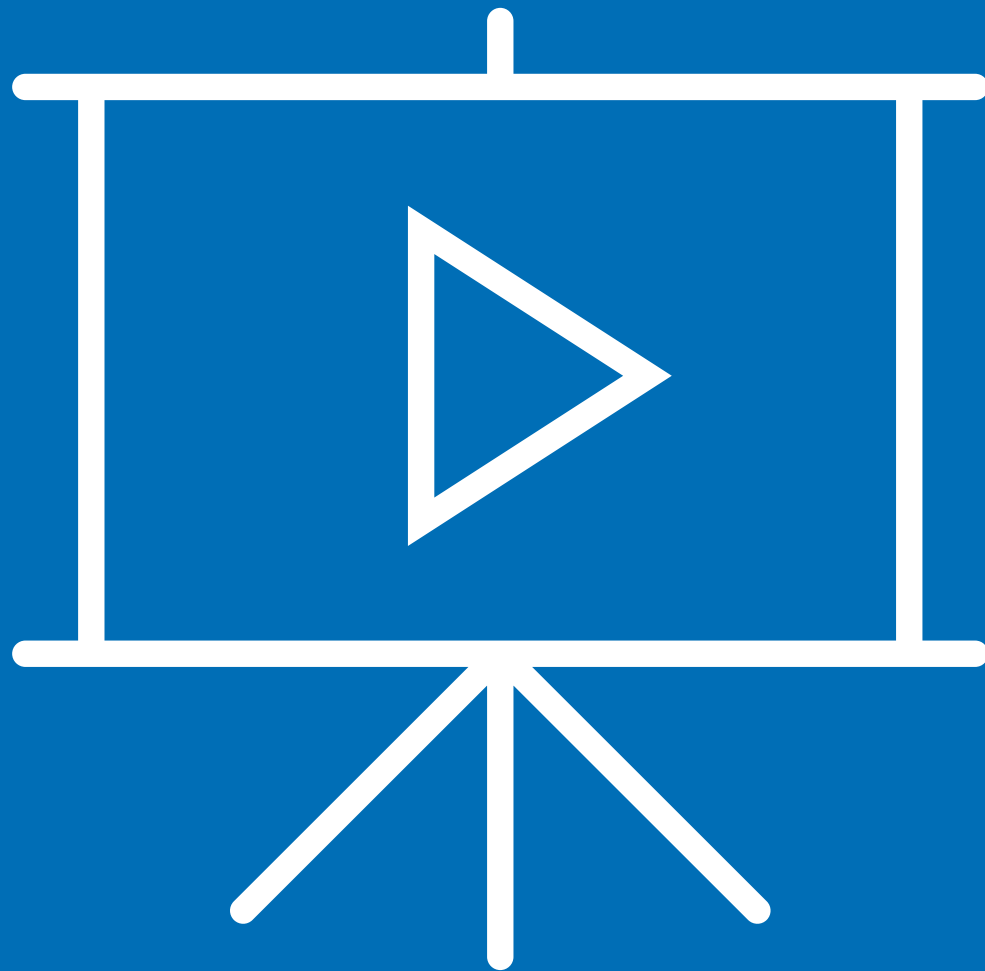
Hanna Rajala
manager
IT transformation
(KPMG)



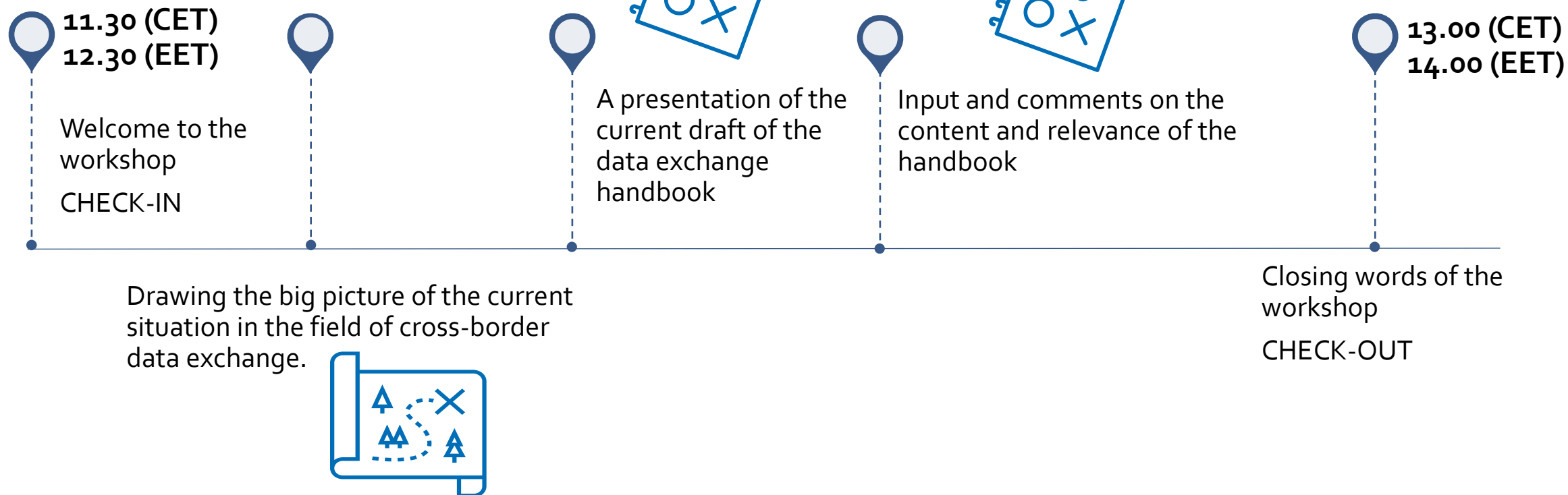
Erika Anttila
analyst
IT transformation
(KPMG)



This meeting will
be recorded for
the workshop use
only.



Agenda 17 April 2023



An overview of working on the MIRO board

Check-in



Big picture



Handbook

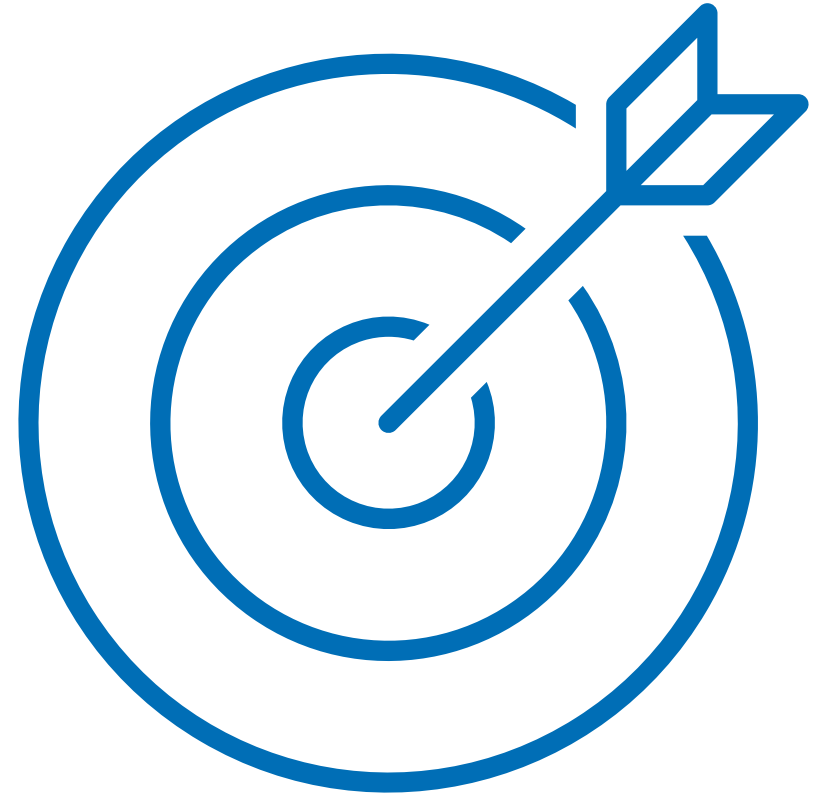


Check-out



Workshop Goals

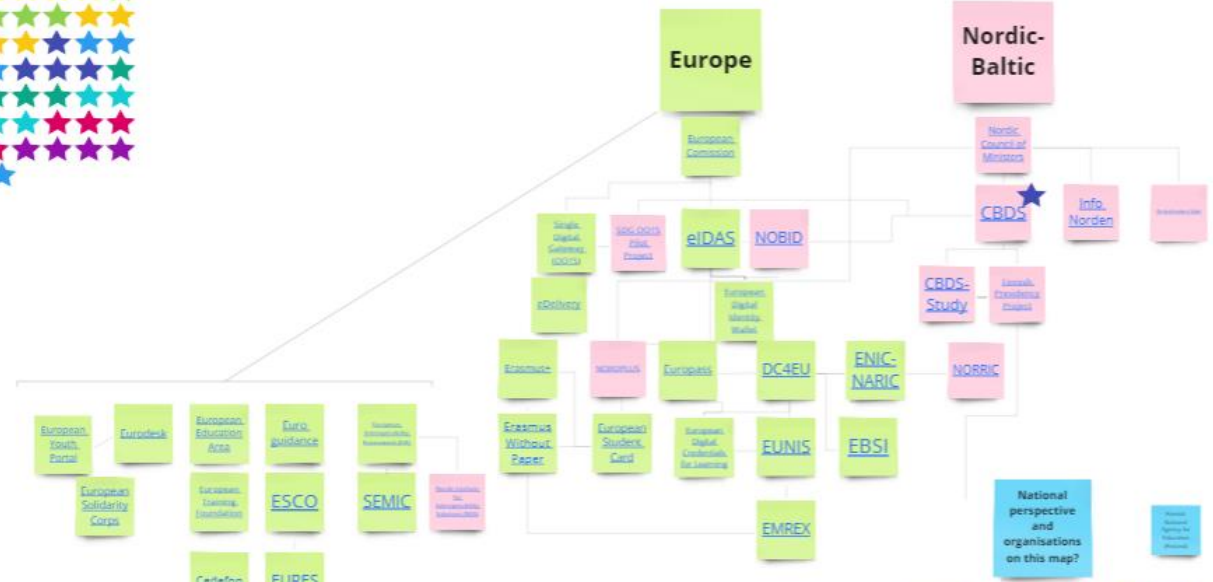
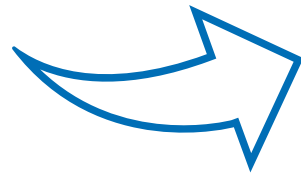
- Give input to the handbook on cross-border data exchange
- Discuss the big picture of cross-border data exchange in the Nordic-Baltic and EU context
- Strengthen the Nordic-Baltic network



Check-in (Miro board)

Task #1

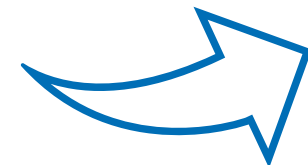
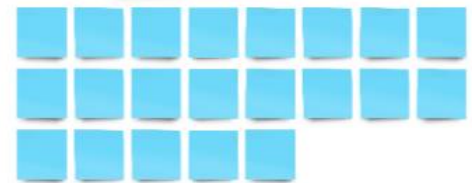
Choose one of the stars and place it on the map closest to your work area or points of interest at the moment



Task #2

Please choose one of the Blue sticky notes and write down the name of your organization.

if there is more than one participant from the same organization, you can express the number of people on the same sticker as follows: (2)



GOALS

- Discuss the baseline study findings
- Build common understanding
- Start a concrete collaboration

THIS PROJECT CAN BE A "PUSH" FOR DEVELOPMENT ON EUROPEAN LEVEL, TOO!

"student data flows with a person whenever wanted and it is always accessible."

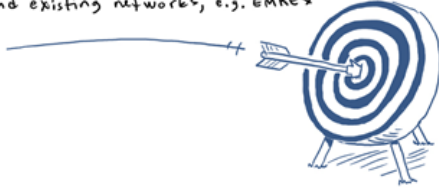
(DREAM)

VISION

"The Nordic region will become the most sustainable and integrated region in the world in 2030."

PROJECT AIMS 2021-24

- Identify obstacles and create recommendations
- Build a Proof of Concept
- Expand existing networks, e.g. EMREX



STUDY DATA AVAILABLE (Upper Secondary)

- + Machine readable
- Descriptive information in English

EMREX TRANSFERS

- WHAT? Decentralized system used for transferring study credits internationally
- Utilizes the ELMO XML schema
- 2 (+1) system components:
 - EMREX client Emc
 - Data access point EMP (EMREG)

EMREX.eu & EMREX service Finland

EXAMPLE: EMREX EMP in Finland

- Uses national VIRTU student information database
- Student is in control of data
- Most data is Finnish HEI's

COMMENTS & QUESTIONS

- what about countries that are not in the system?
 - we would need data converters
- In Norway we use EMREX for job recruitment (200 million NOK saved yearly)
 - ↳ (20 million €)



USE CASE SCENARIO

1. Learner applies for studies through the application system
2. Learner shares their previous study record data by using an electronic data exchange solution



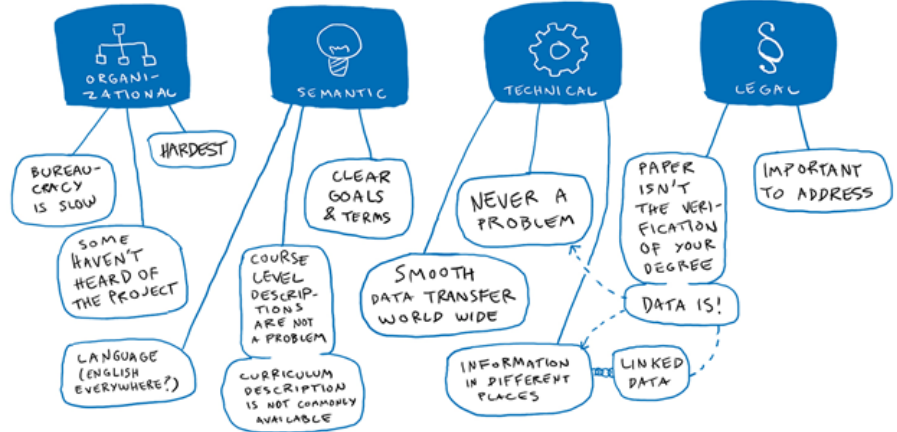
→ The youth is three times more capable of using these services
→ They are also impatient and need to be motivated

REFLECTIONS

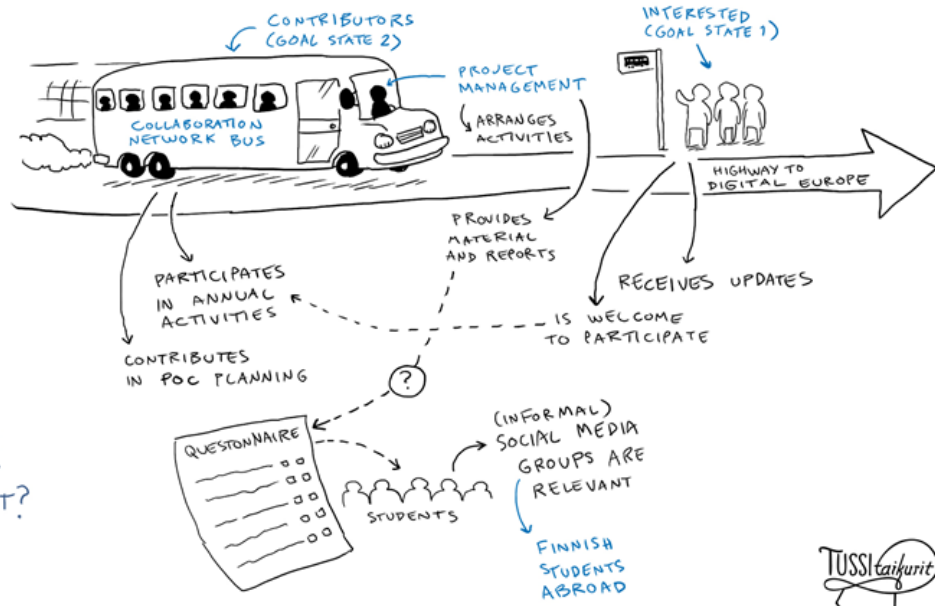


ROUND TABLE DISCUSSION

WHICH SECTION OF THE EIF SHOULD WE PUT THE MOST EFFORT TO?



EXPECTATIONS FOR FUTURE COLLABORATION



Achieving the World's Smoothest Cross-Border Mobility and Daily Life Through Digitalisation

WP 1 / 13.10.2022

INTERDEPENDENCIES & PREFERENCES

CBDS-study



- 2 years running
- aiming at fluent student record data exchange
 - interdependencies (SDG, EUDI wallet, DC4EU...)
 - handbook
 - expanding good practices

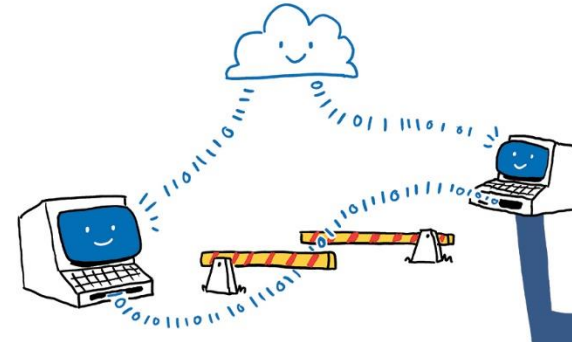
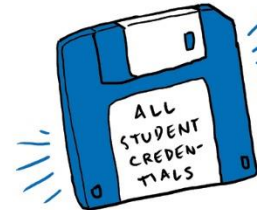


EU: eDelivery = one & only
→ Nordic-Baltic needs to push it to make this a standard (AS4)

§ LEGAL ISSUES CAN TAKE YEARS
NATIONAL - EU - INTERNATIONAL
↓
- EU legislation being unified might speed things up a bit

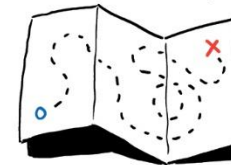


- “pretty well integrated on national level”
- “student mobility is highly prioritised”
- “we need proper systems (KOSKI)”
- “First goal is → estonian → english translation needed”
- “ET send Certificate”
- “VIRTA - achievement registry (database for KOSKI)”
- “eID is in the making”



CROSS-BORDER DATA EXCHANGE

WHERE ARE WE NOW?



- WE HAVE:
- banking solutions
 - EU data strategy
 - EMREX
 - EUDI wallet
 - DC4 EU
 - SDG OOTS → eDelivery

- CHALLENGES:
- semantics
 - language
 - goals and terms



WHAT ARE THE PROBLEMS WE ARE TRYING TO SOLVE?
- who is the business owner?



Seminar for national experts 2022

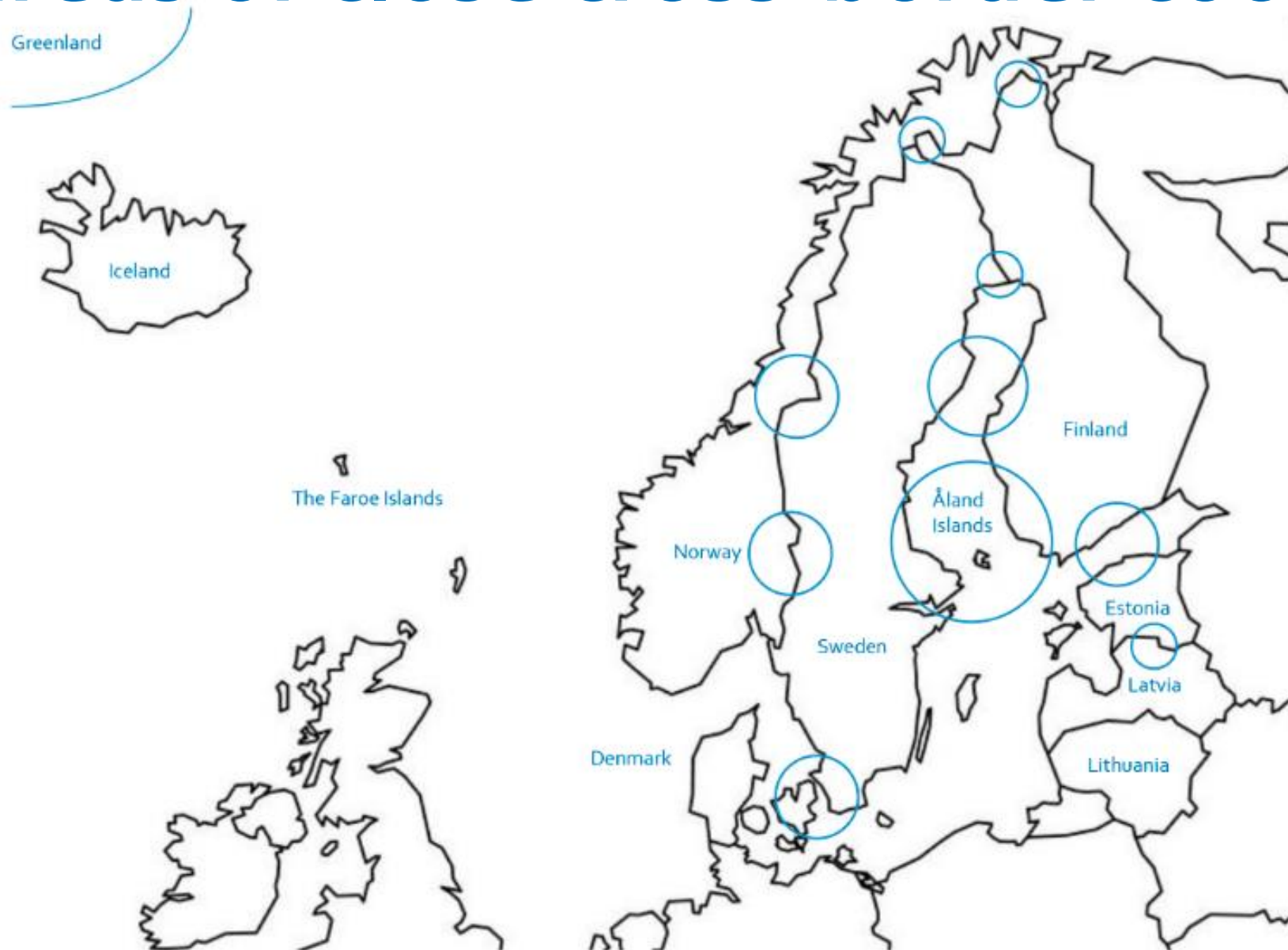
Jncil ers



KEY TAKE-AWAYS

- similar challenges → coordination
- sharing status updates & info
- create clear goals
- identify common capabilities

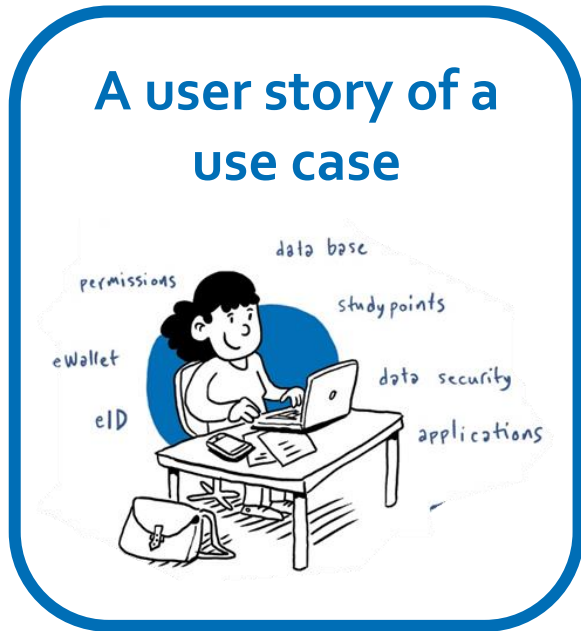
The areas of close cross-border cooperation



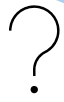
Big picture



Sector Specific



eIDAS:
Cross-border
identification with
EUDI Wallet



Applying for
studies

Recognition of
prior learning

Recruitment

Other use
cases for
educational
credentials?



Input to the handbook on cross-border data exchange



Handbook Intro

The target group is Nordic-Baltic officials who

A) are developing information systems and operational solutions in their organisations.

The handbook makes it easier to take into consideration the cross-border aspects of data exchange when developing new solutions.

B) are developing information systems and processes in the field of cross-border data exchange in particular.

The handbook aims at providing answers to questions, such as:

- What needs to be taken into consideration?
- Where do I find useful networks?
- Which are the most potential funding mechanisms?
- Where do I find more information?

Contents

DRAFT!

- 1 Introduction – *Where's the catch?*
- 2 Frame of the Handbook – *The ballpark and the key players*
 - 2.1 Standards and frameworks
 - 2.2 Networks and stakeholders
 - 2.3 Interesting initiatives on international and EU level
- 3 Findings of work package 1: Studying in another Nordic or Baltic country
 - 3.1 The WHY
 - 3.2 Standards and frameworks
 - 3.3 Networks and stakeholders
 - 3.4 The WHAT
 - 3.5 Recommendations for future development
- 4 Findings of work package 2: Use of health services in another Nordic or Baltic country
 - 4.1 The WHY
 - 4.2 Standards and frameworks
 - 4.3 Networks and stakeholders
 - 4.4 The WHAT
 - 4.5 Recommendations for future development
- 5 Findings of work package 3: Versatile use of the Nordic and Baltic legal databases
 - 5.1 The WHY
 - 5.2 Standards and frameworks
 - 5.3 Networks and stakeholders
 - 5.4 The WHAT
 - 5.5 Recommendations for future development
- 6 Potential funding mechanisms
- 7 Conclusions and recommendations for future development

Handbook on Cross-Border Data Exchange (Miro)

1

What must, should and could be included in the handbook?

Must have:

Should have:

Nice to have:

3

Links to interesting / relevant materials:

projects, initiatives, national instructions, statements, websites etc.



2

Good practices, things we've tried / accomplished



Next Steps

APRIL

MAY

JUNE

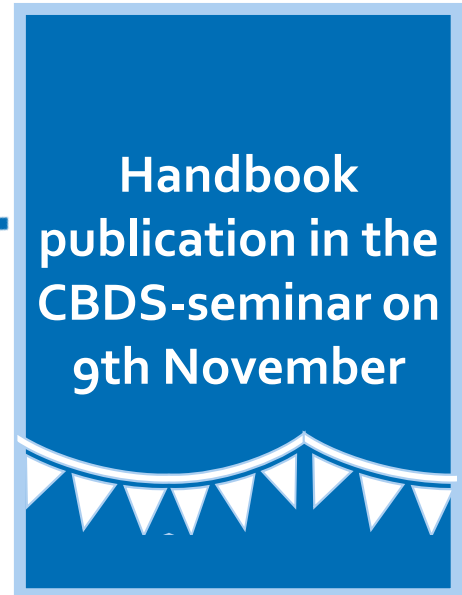
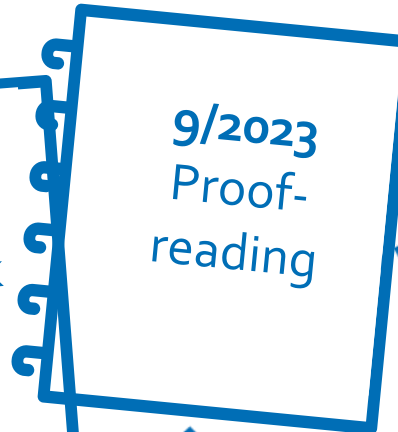
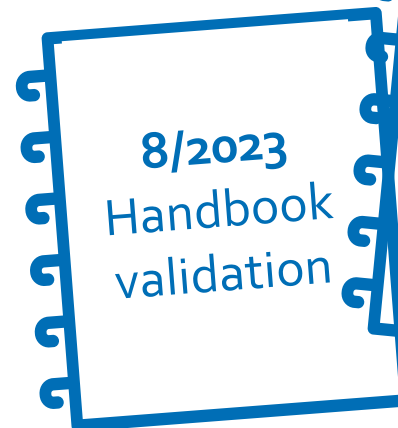
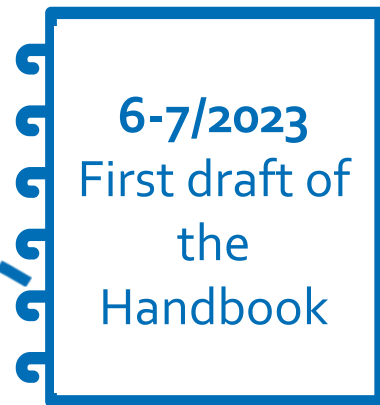
JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER





Thank you!

Additional information:

[World's Smoothest Cross-Border Mobility and Daily Life Through Digitalisation](#)

Mrs Riikka Rissanen

Project Manager

Finnish National Agency for Education

PB Box 380 (Hakaniemenranta 6) FI-00531 Helsinki, Finland

Tel. +358 295 331 059

E-mail: [firstname.lastname\(at\)oph.fi](mailto:firstname.lastname(at)oph.fi)

Mr Petteri Pulli

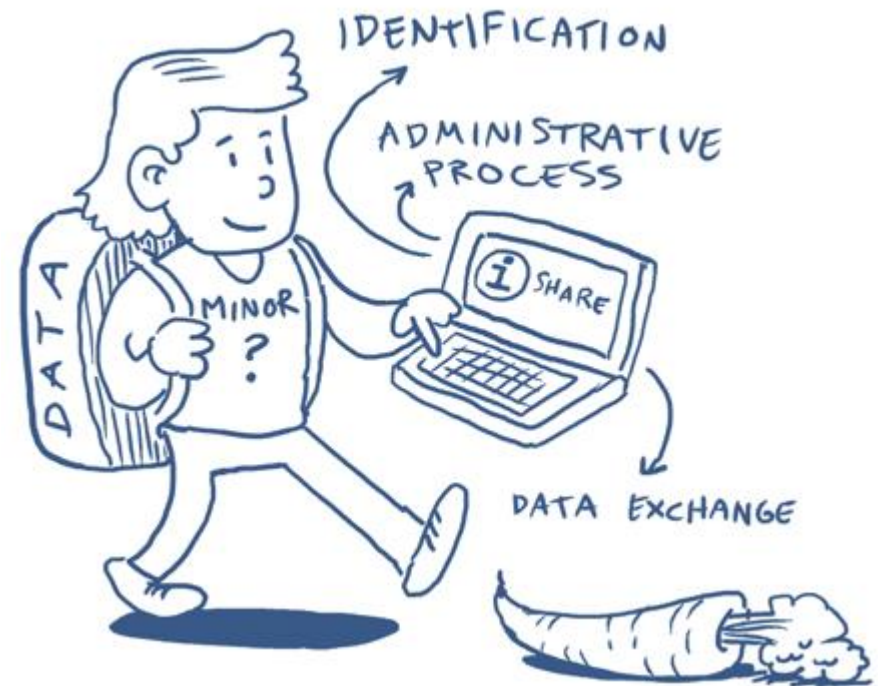
Specialist

Finnish National Agency for Education

P.O. Box 380 (Hakaniemenranta 6), FI-00531 Helsinki, Finland

Tel. +358 295 331 996

E-mail: [firstname.lastname\(at\)oph.fi](mailto:firstname.lastname(at)oph.fi)



**Nordiska
ministerrådet**