

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

Mikko Mattinen / DVV



Nordiska  
ministerrådet

# Handbook of cross-border data exchange within the Nordic and Baltic countries

The Nordic Council of Ministers has a vision of **the Nordic region being the most sustainable and integrated region in the world by 2030.**<sup>[1]</sup> The vision contains three strategic priorities for action to achieve this objective: mobility, green approaches, and social sustainability.

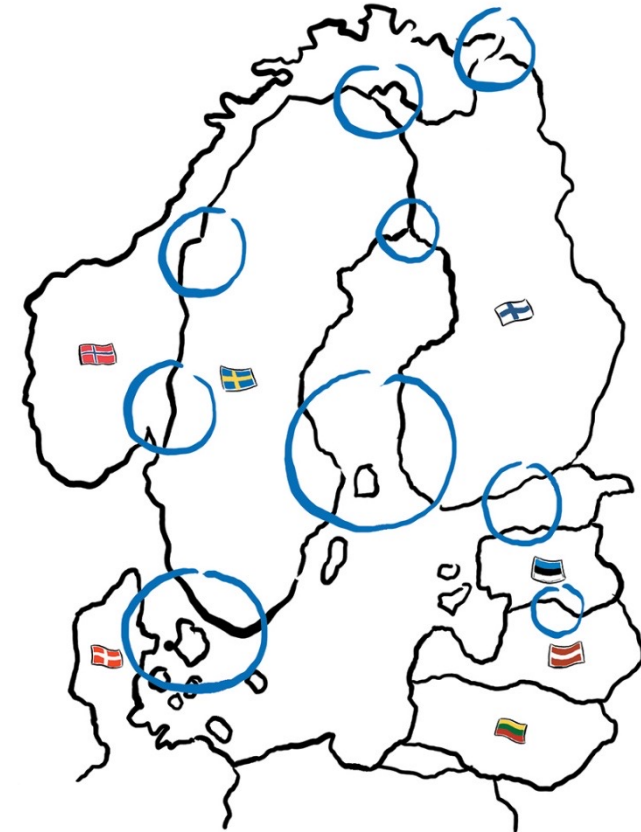
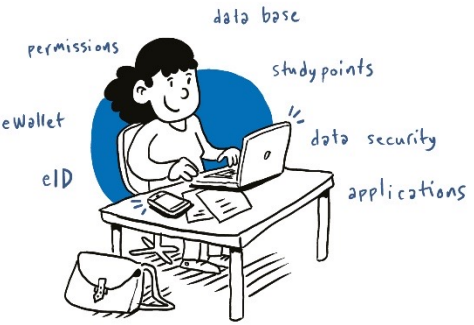
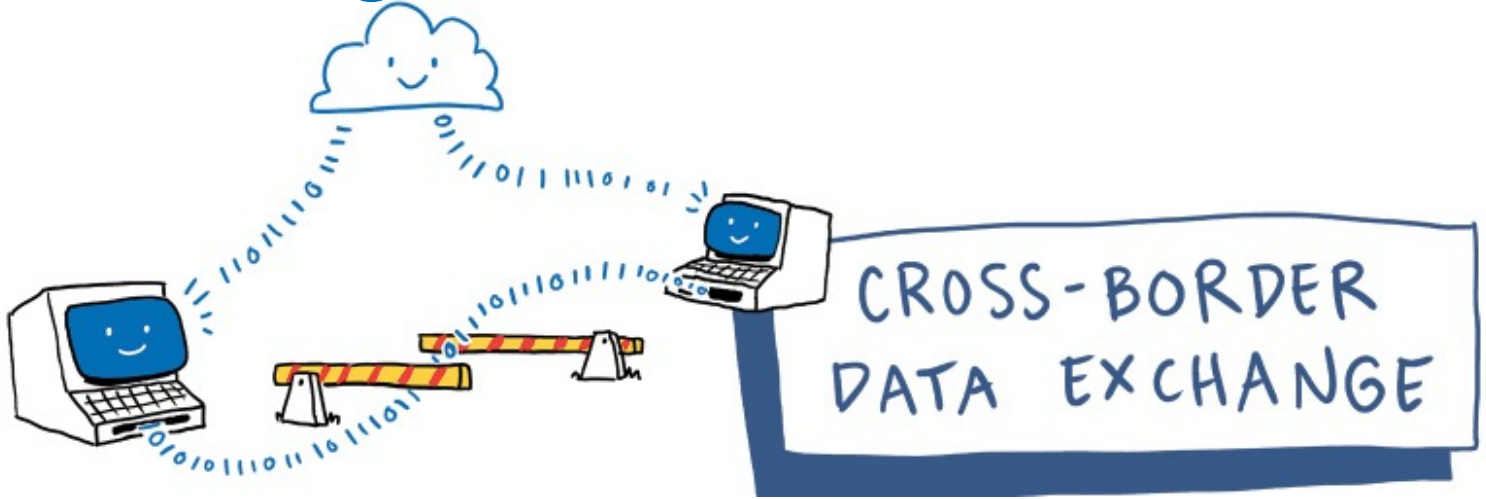


Figure 1. "Hot spot" areas in the Nordic and Baltic countries.

# Achieving the World's Smoothest Cross-Border Mobility and Daily Life Through Digitalisation (CBDS-Data exchange)

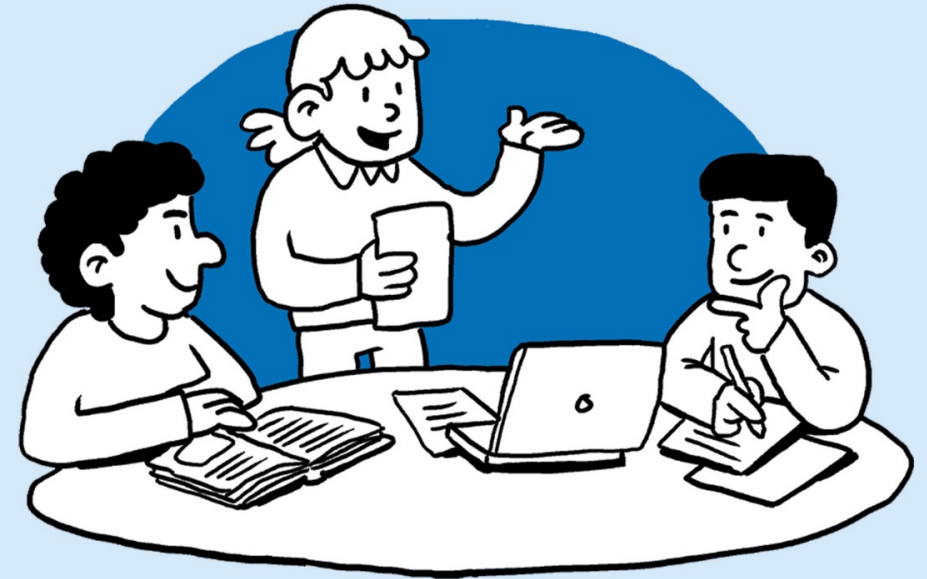


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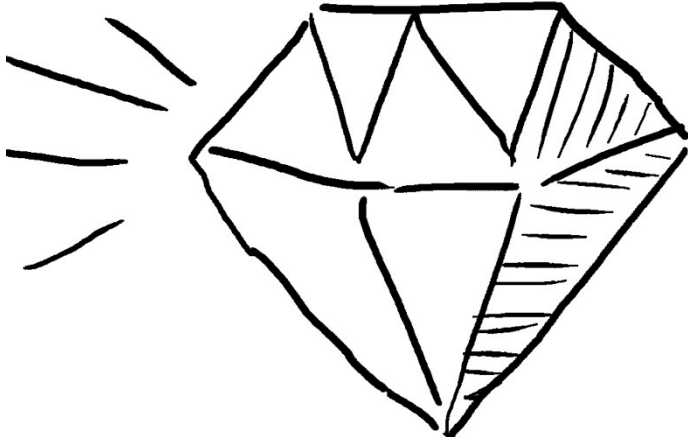
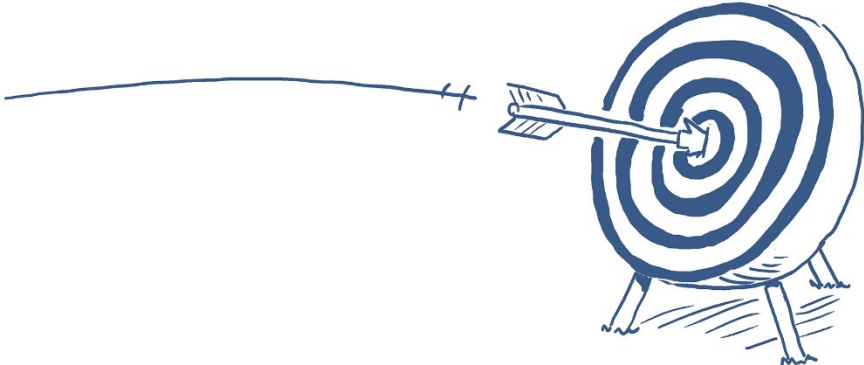
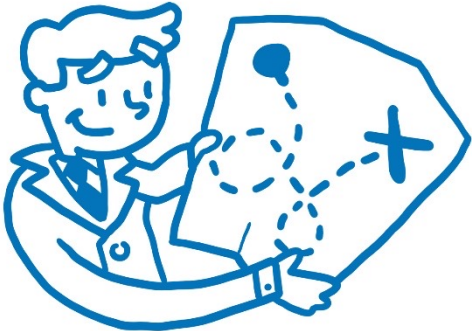
# Handbook of cross-border data exchange

**within the Nordic and Baltic countries**

Lessons learned in cross-border data exchange in the fields of studying and using healthservices in another Nordic and Baltic country, and in the use of Nordic and Baltic legal databases



# Why this handbook

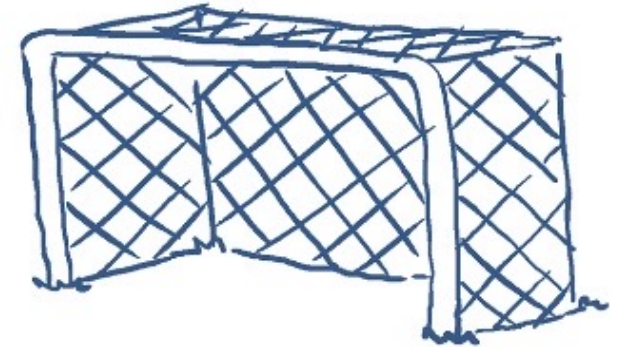


The handbook is especially aimed to support all Nordic-Baltic officials who

- 1. are developing processes or information systems** within their own organisations, between organisations within one or many countries, or
- 2. are promoting digitalisation on the national or international level** (policymaking).



# GOALS



*Cross-border by default*

*Interoperability*

*Existing standards and solutions*

*Taking into account life events and diversity in planning services*

*Involve all key players*







### International co-operation

- Common goals, standards, and framework

### National authorities

- Possibilities and structures for cross-border collaboration and data exchange

### Professionals

- Implementing cross-border services for citizens

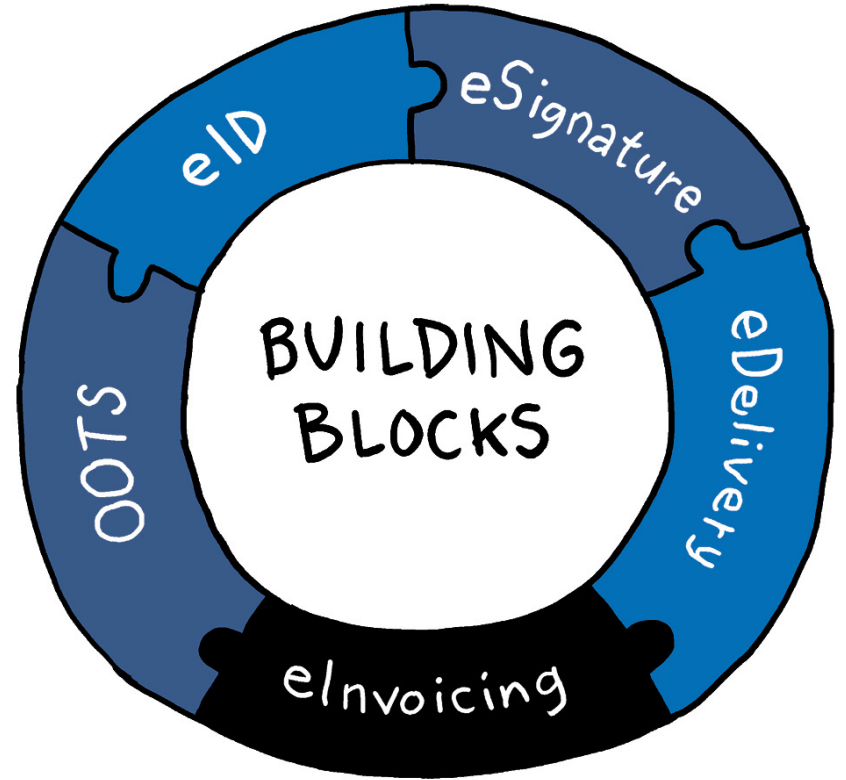
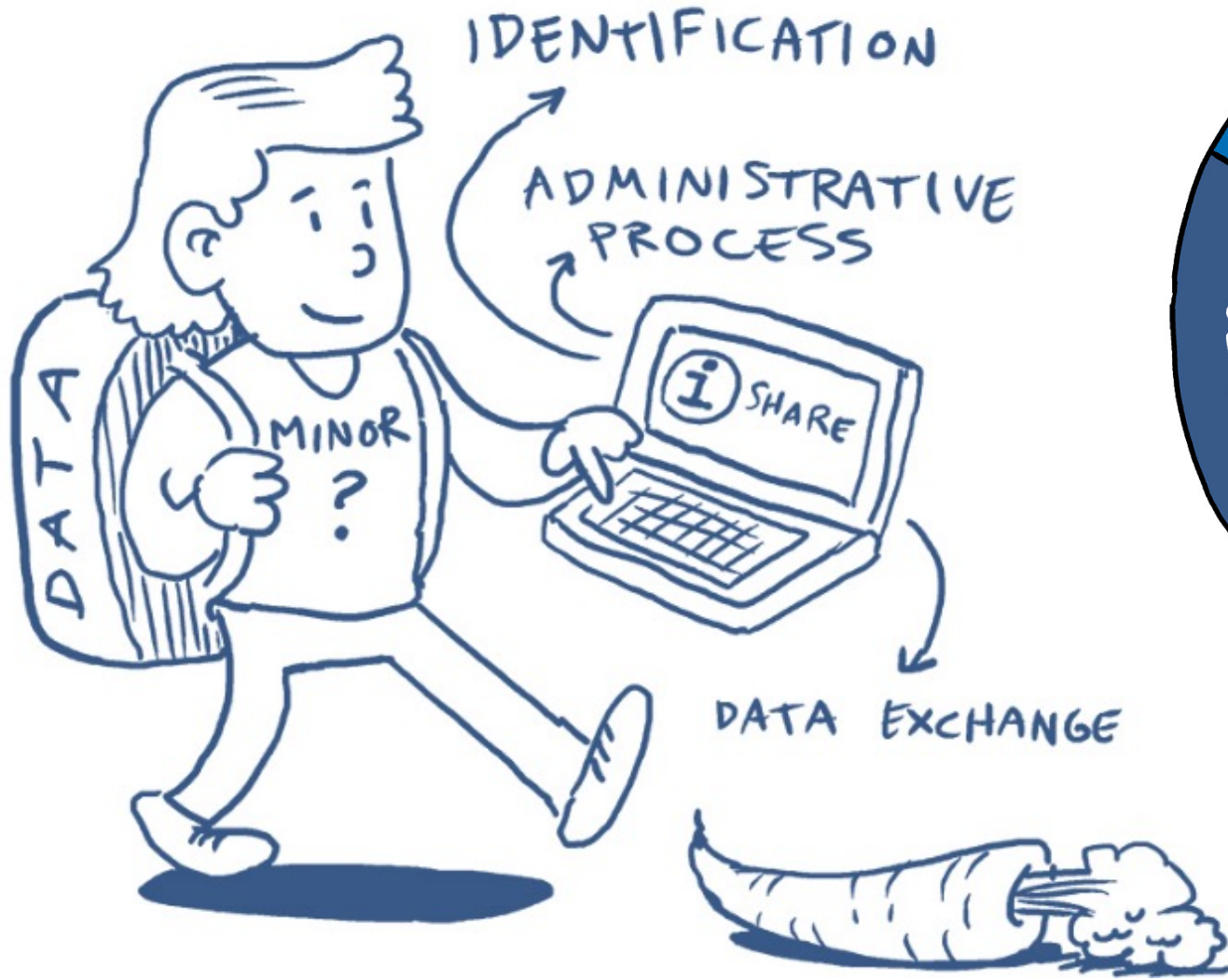
### Citizens

- Authorizing the use of their data across borders

*Key players in cross-border data exchange*











# Challenges and successes at implementation level

Ms. Rutt Lindström & Ms. Katre Pruul

Estonia

Started cross-border ePrescription Jan 2017

There's differences in processes and products data

- Legislative changes
- Data protection
- Testing

Everything is there but it just won't work

Reimbursement?

Double work in agreements

Many activities took longer than planned

Maintenance

Difficult to organize

How much medicines?

Technically, everything must be substitutable

Quality & Monitoring

Which pack size unit?  
Strength per ml of dose?

Lots of talk about Viagra!

- Communication and collaboration is the key between countries
- ePrescription is the first step

Mr. Paavo Kauranne & Heidi Peltonen  
Finland

Now:  
Finland exchanging eP/eD with:

- Croatia
- Estonia
- Poland
- Portugal
- Spain

Challenges:

- National differences
- One or more items per prescriptions
- Different rules for substitution
- Different code system

Successes & Failures

Every stakeholder needs to involve!

Update the available documentation for all ne MSs

Material needs to be updated

we need training

Make use of eHDSI solutions

ASSUME NOTHING!

Same medicine - different data

Of course it's that way!!

Never 100% compatibility

Annika Ohlson  
Sweden



- All pharmacies can dispense ePrescriptions
- 1250 hospitals and other points are capable of sharing electronic health data
- 90% of citizens has digital health ID

- Cross-border ePrescription plan to go live when the legal updates has entered into force
- Patient summary plan to start the work in autumn 2023. → Live 2026

Challenges: *our success factors*

- Technical
- Semantic
- Organisational
- Legal



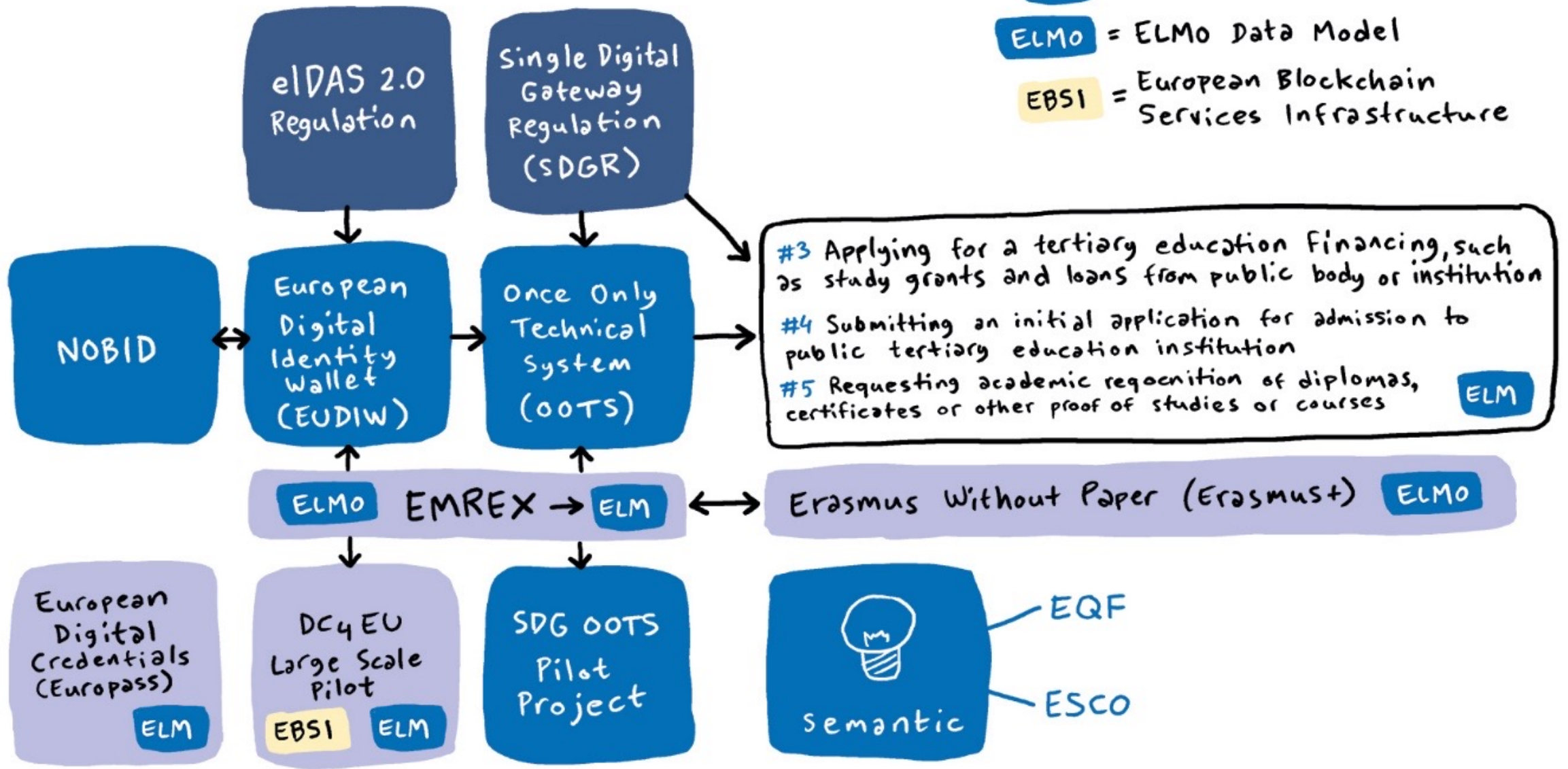
- Cooperation
- Participation in European communities
- Core team responsible for cross-border services



**ELM** = European Learning Model

**ELMO** = ELMO Data Model

**EBSI** = European Blockchain Services Infrastructure





# NEXT STEPS:



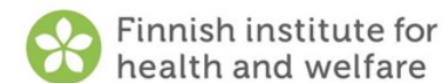
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Kiitos

Tack

Takk

Þakka þér fyrir

Takk

