

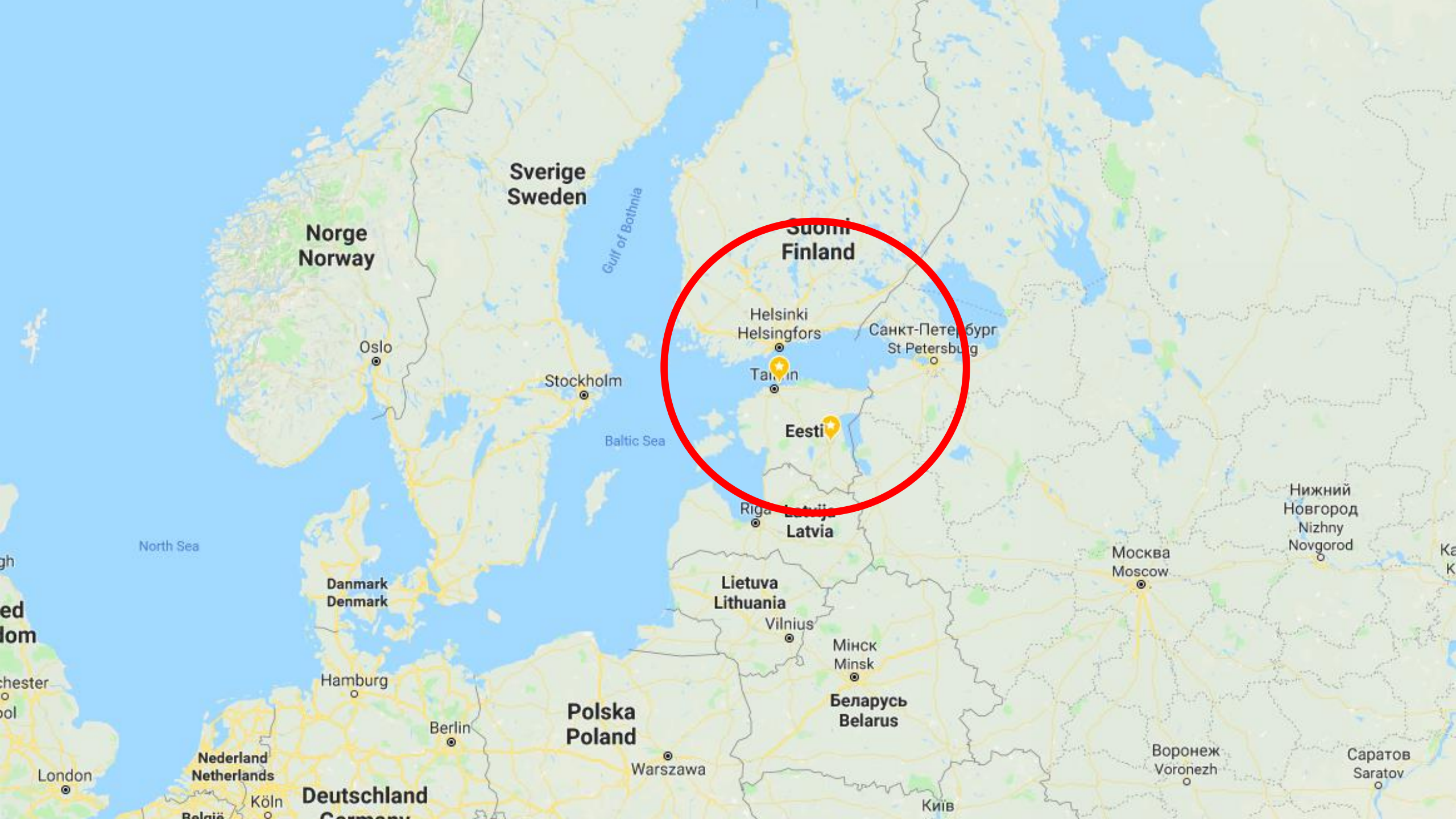


# Exchange of Health Data between Estonia and Finland



**Hannes Astok, eGovernance Academy  
Berlin**

27<sup>th</sup> November 2017



**Norge**  
Norway

**Sverige**  
Sweden

**Suomi**  
Finland

Oslo

Stockholm

Helsinki  
Helsingfors

Tallinn

Санкт-Петербург  
St Petersburg

Eesti

Baltic Sea

North Sea

**Danmark**  
Denmark

**Lietuva**  
Lithuania

Rīga  
Latvia

Москва  
Moscow

Нижний  
Новгород  
Nizhny  
Novgorod

Hamburg

Vilnius

Мінск  
Minsk

**Беларусь**  
Belarus

Berlin

**Polska**  
Poland

Warszawa

Київ

Воронеж  
Voronezh

Саратов  
Saratov

London

**Nederland**  
Netherlands

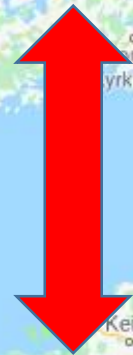
**Deutschland**  
Germany

Köln



**5,5 M**

**9+ M trips  
every year**

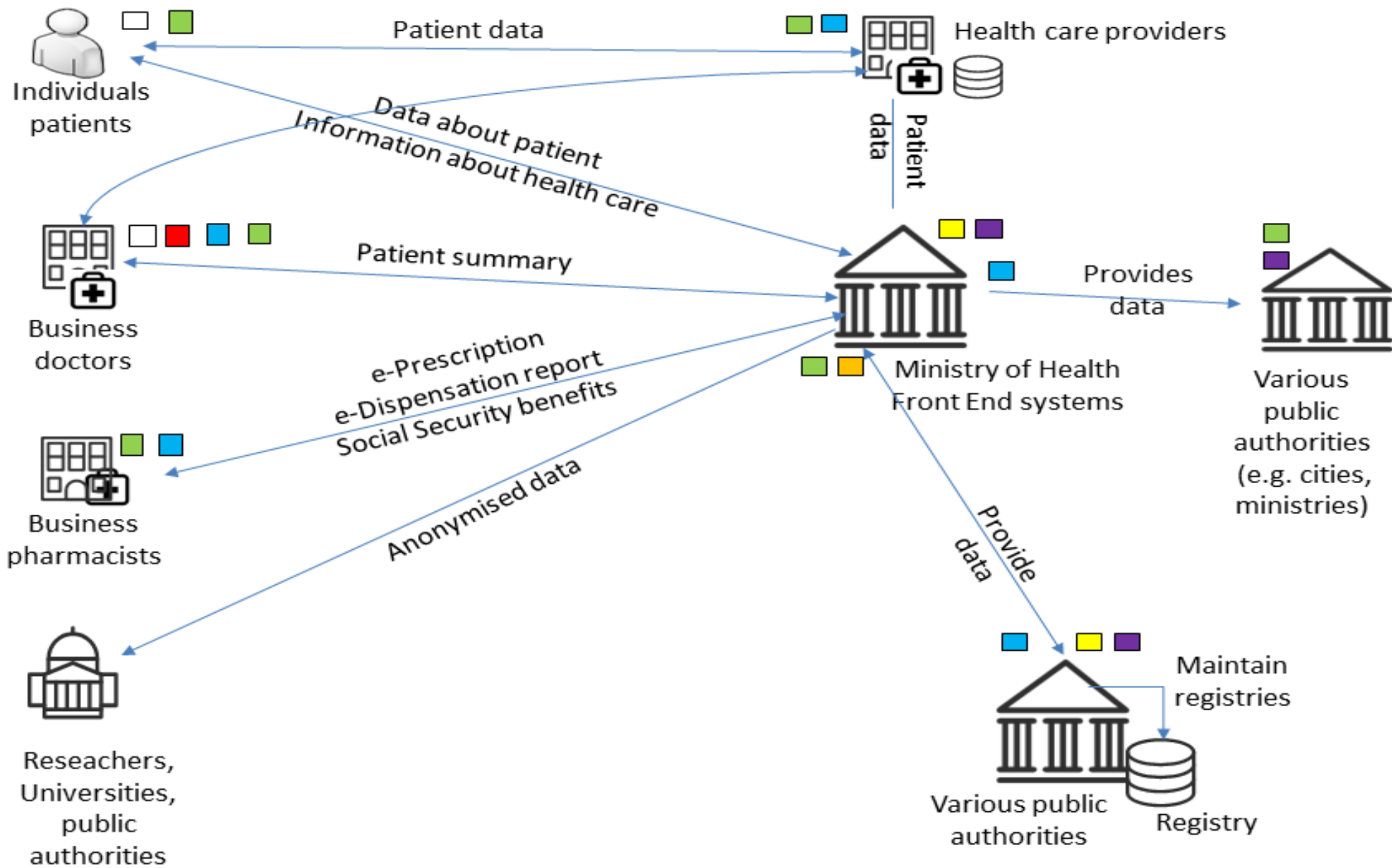


**1,3 M**



# Principles of eHealth in Estonia

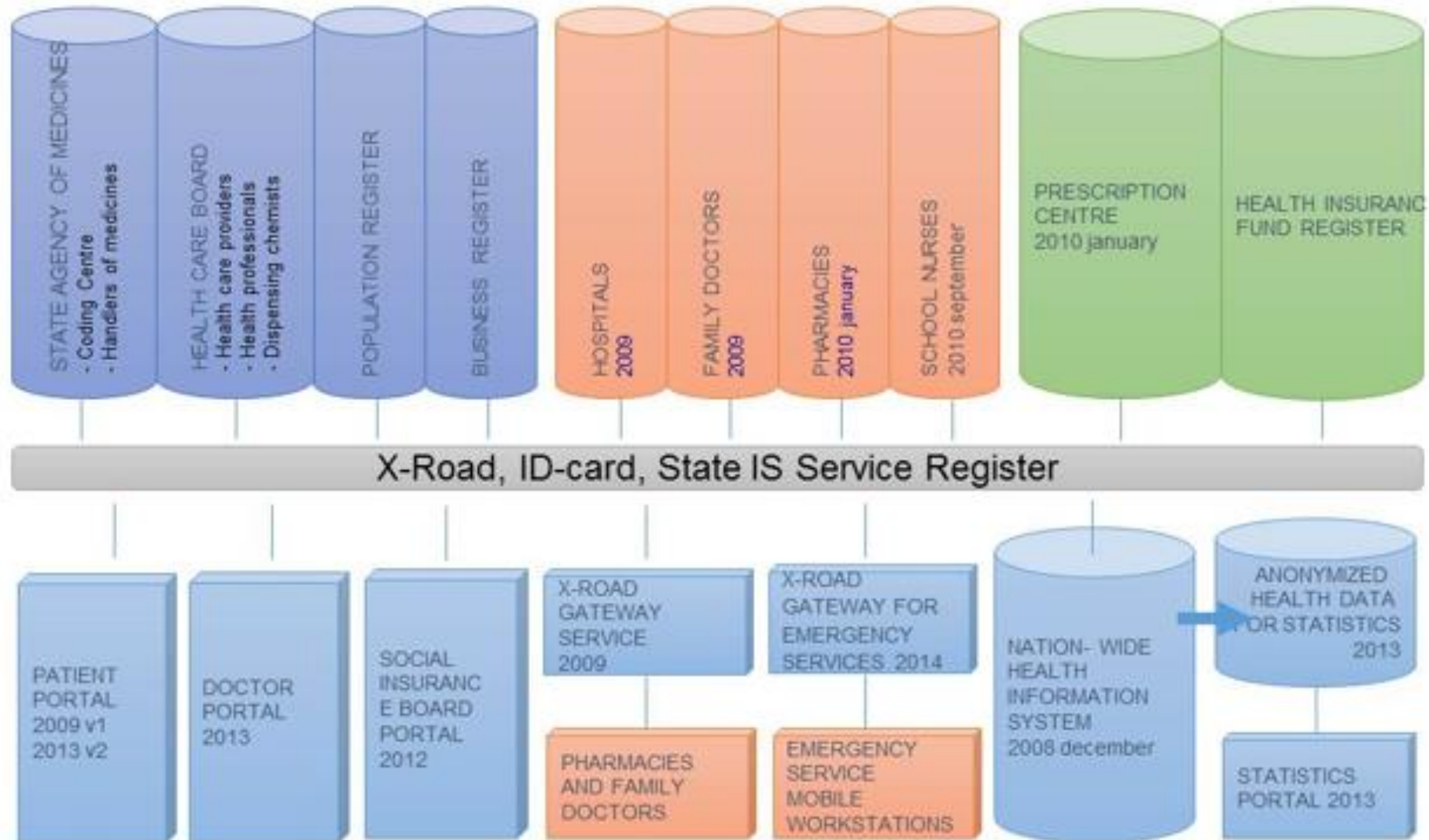
- The countrywide movement of Health Records
- Reduction of duplicate testing: access to the distributed repositories
- Patient-centric administration of digital health records and prescriptions.
- Cross-domains infrastructure: X-Road, PKI, RIHA, ISKE
- Key problems: trust, privacy, security, rights, once-only



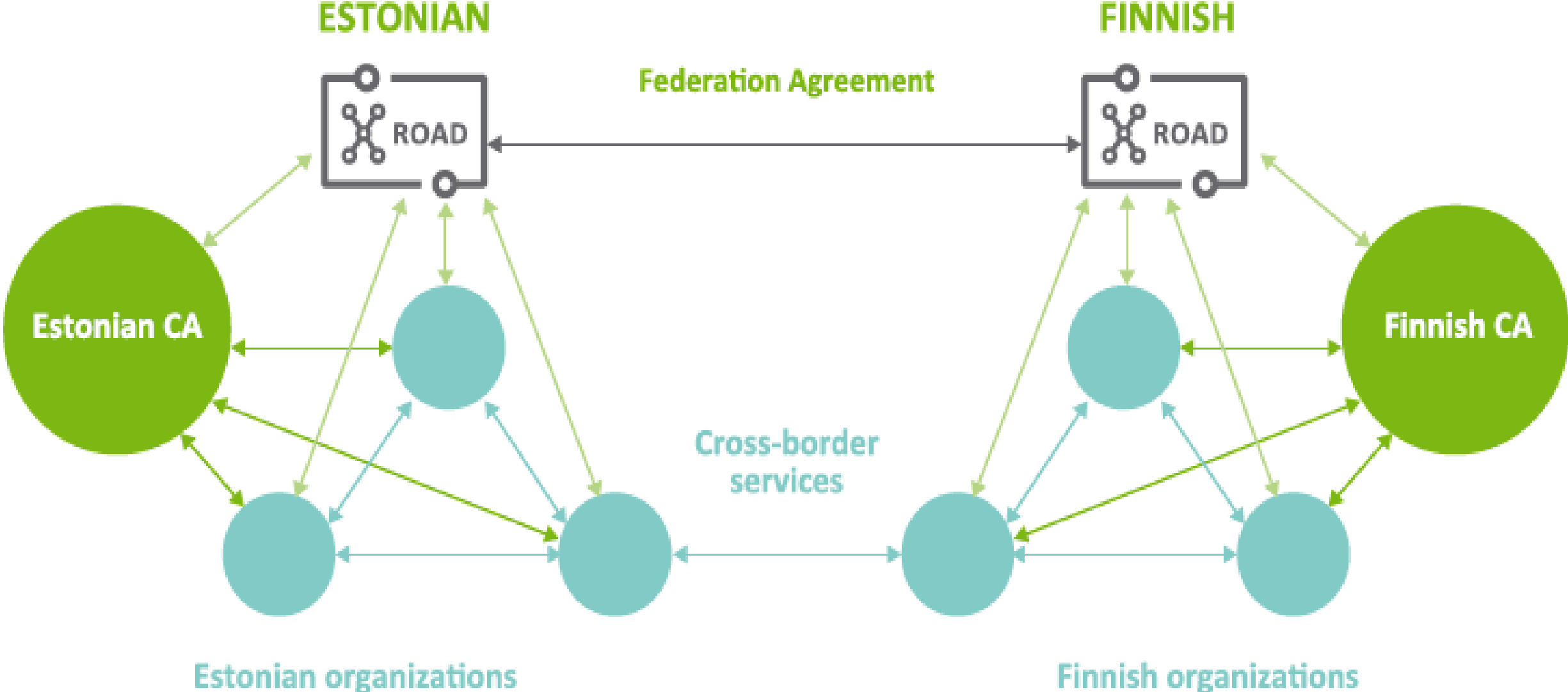
|                     |                      |                      |                      |                       |                        |                        |                        |
|---------------------|----------------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|
| <b>Data subject</b> | <b>Data provider</b> | <b>Data consumer</b> | <b>Data recorder</b> | <b>Database owner</b> | <b>Data aggregator</b> | <b>Data controller</b> | <b>Data supervisor</b> |
|---------------------|----------------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|



# OOP in member state e-Health systems as prerequisite for cross-border OOP



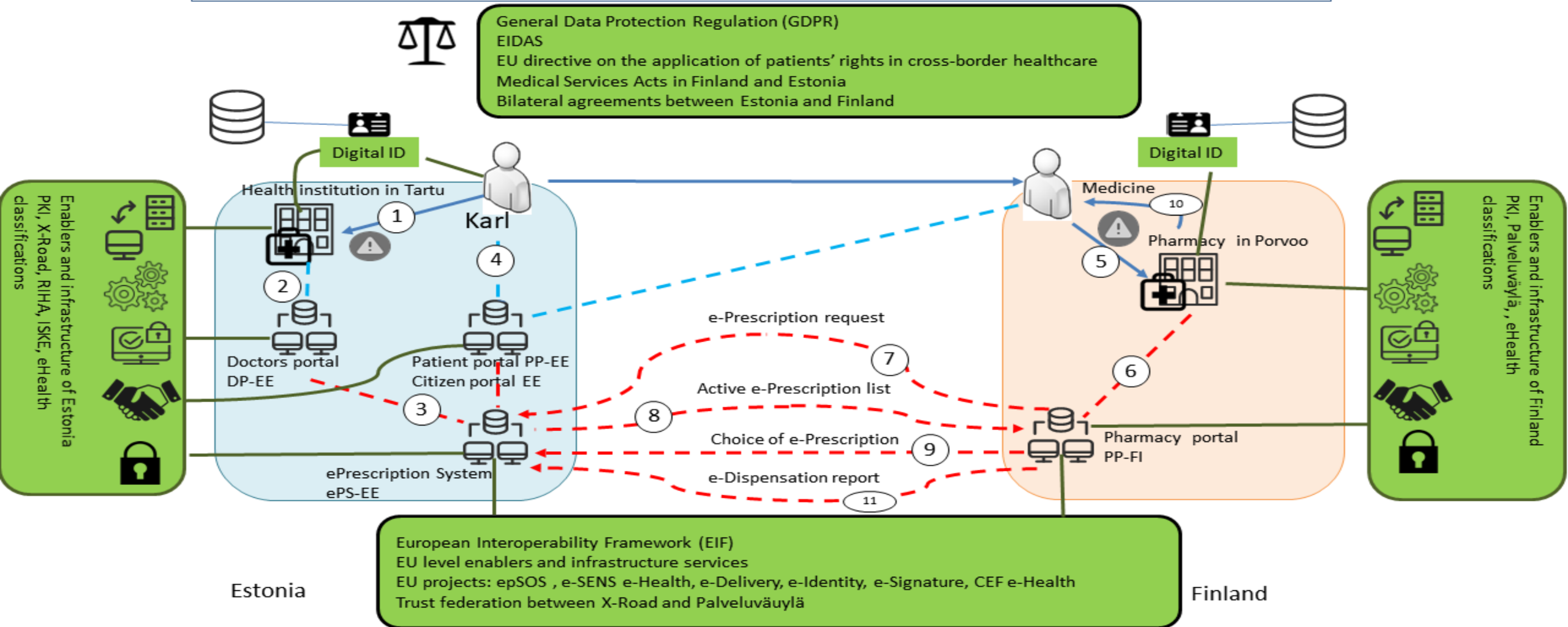
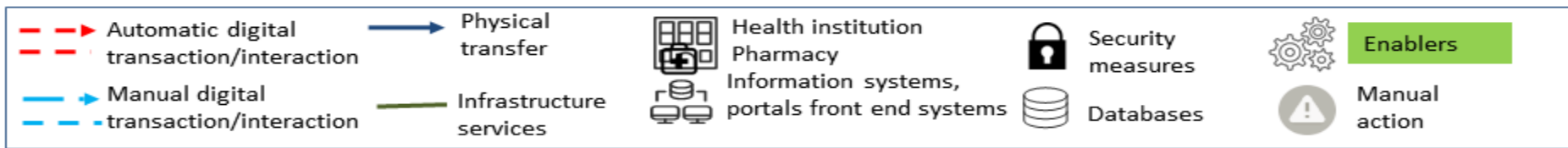
# Federation of infrastructures. Cross-border OOP procedures are open between stakeholders both countries



# Prerequisites of cross-border eHealth

- Joint declaration between prime ministers
- Agreement to set up a trust federation between X-Road and Palveluväulä
- EU projects epSOS, eSENS, CSFeHealth
- OOP based solutions in both countries
- Same semantics for pharmaceuticals, diseases, etc.





# Scenario of federated e-Prescription: Finland and Estonia

# Thank you!

 Hannes.Astok@ega.ee

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