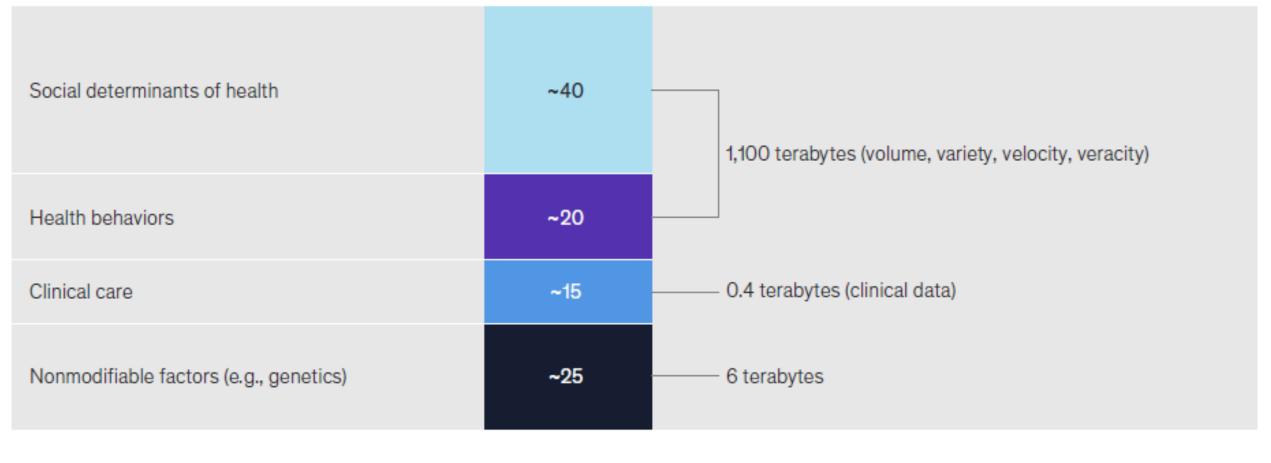


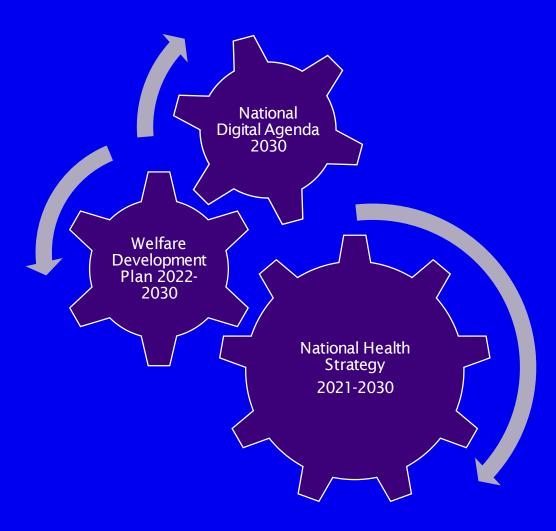
What determines health, really?

Societal issues have a major impact on consumer health

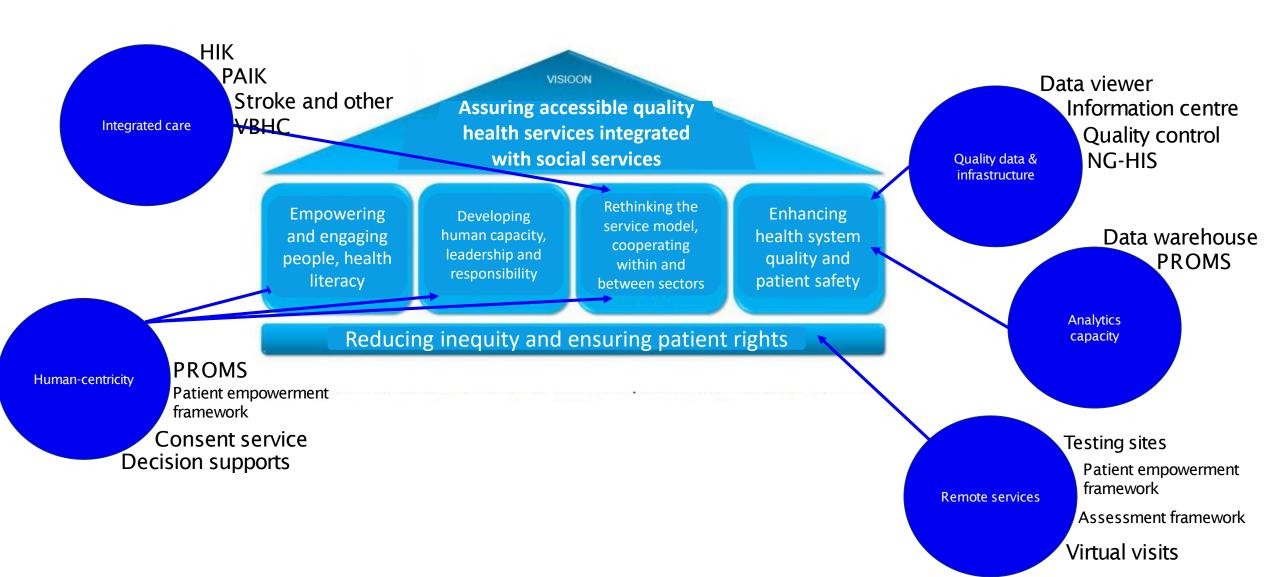
Factors that contribute to health outcomes, % Average amount of data generated over a person's lifetime

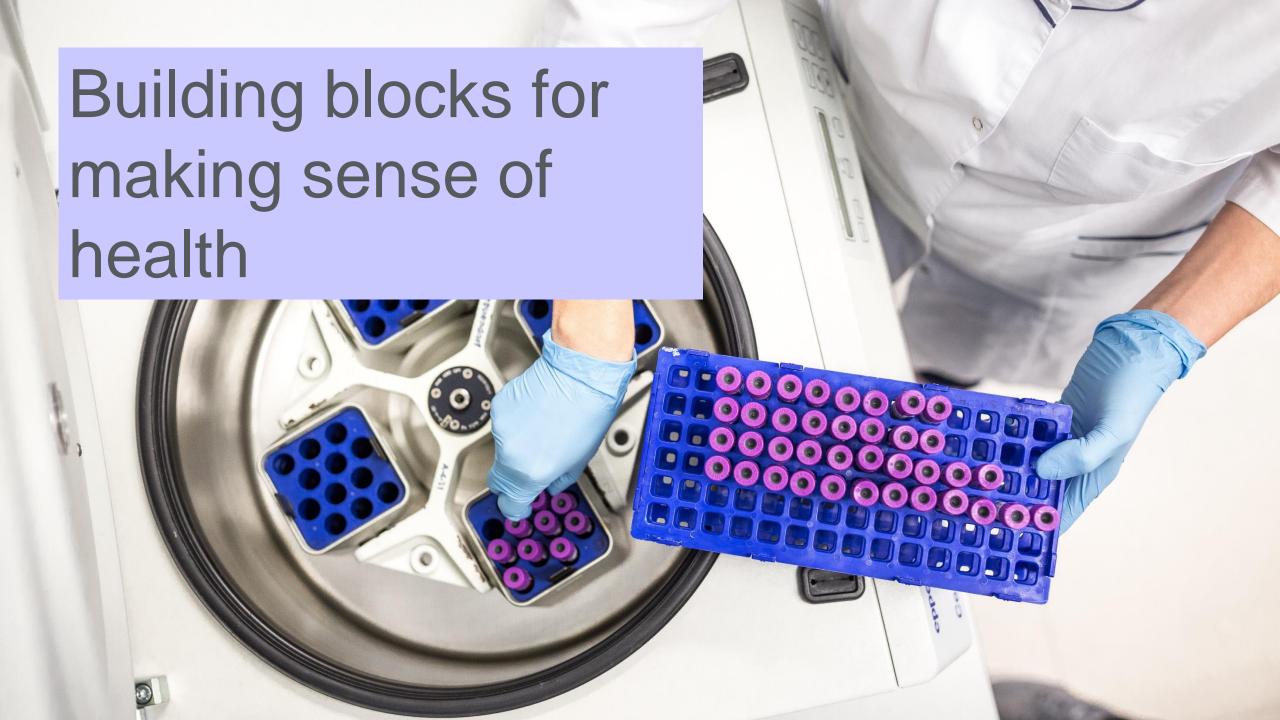


Strategic framework



National Health Strategy 2021-2030







electronic ID

The strongest identity.

- + every Estonian has an eID
- + 17% of mobile-ID
- + 34% of smart-ID
- + e-Residency

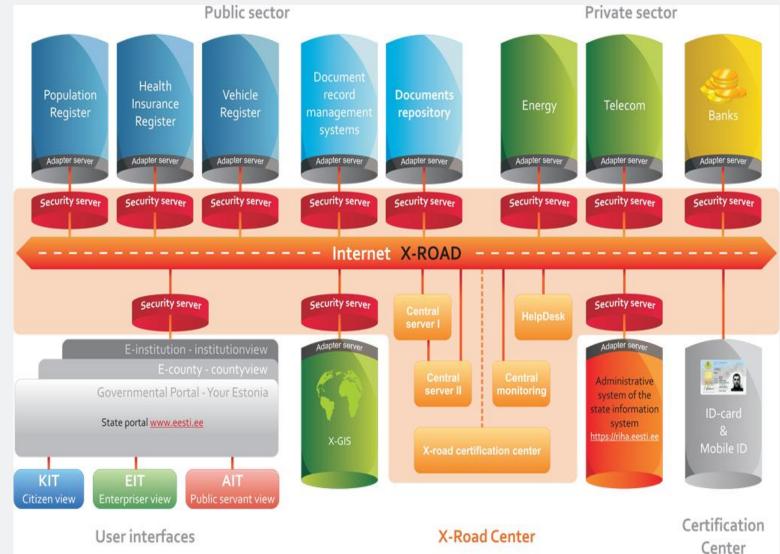
One road to bind them all

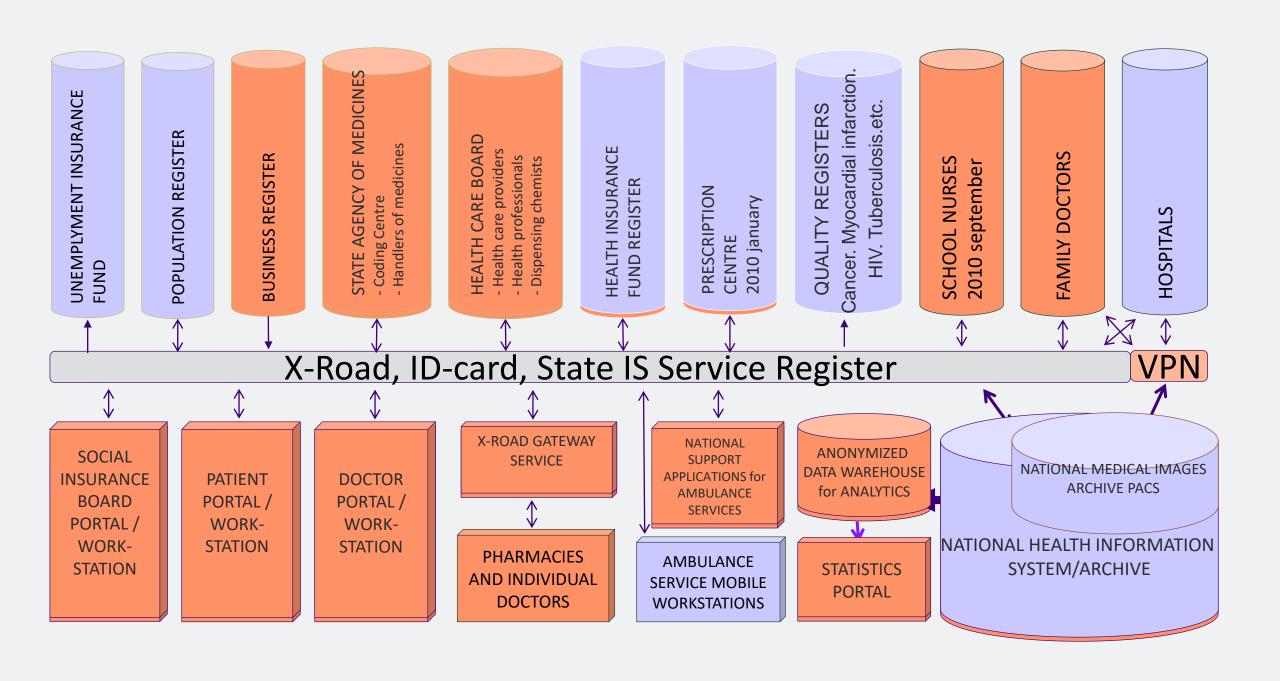
Connecting...

...488 institutions

...155 public sector entities

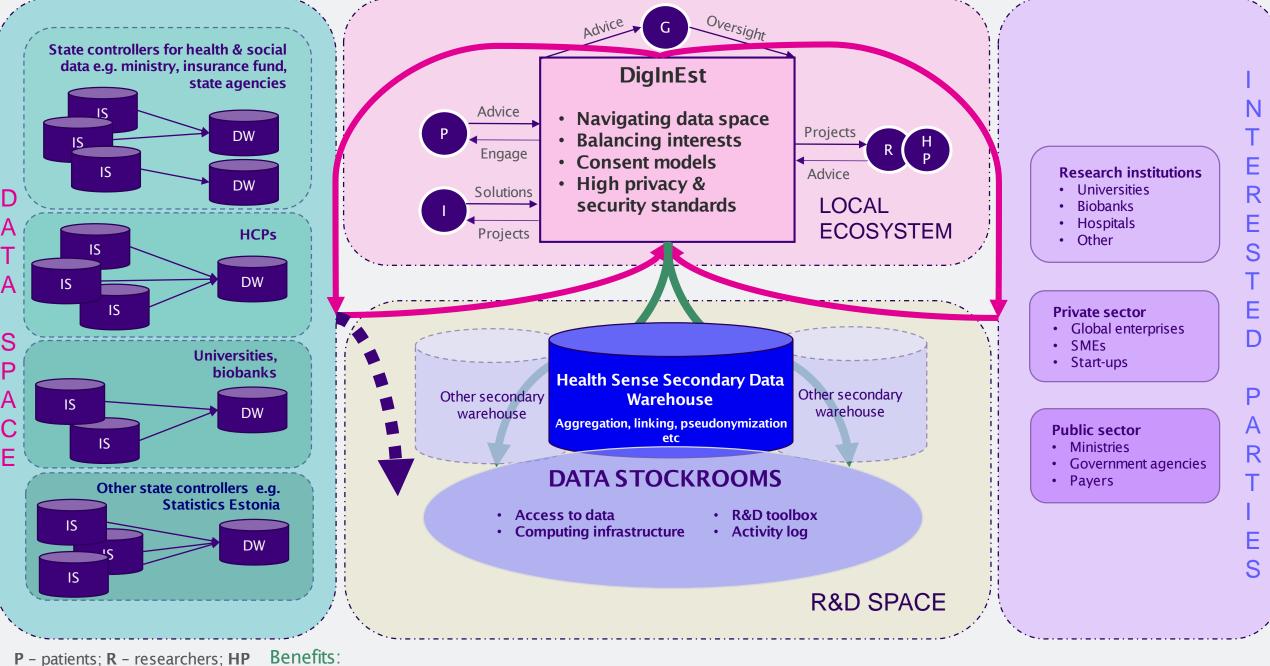
...1223 interfaced information systems





International standards

- ICD-10
 - SNOMED CT
 - HL7 CDA and v3 (FHIR soon to be here)
 - DICOM
 - LOINC
 - ATC
 - NCSP



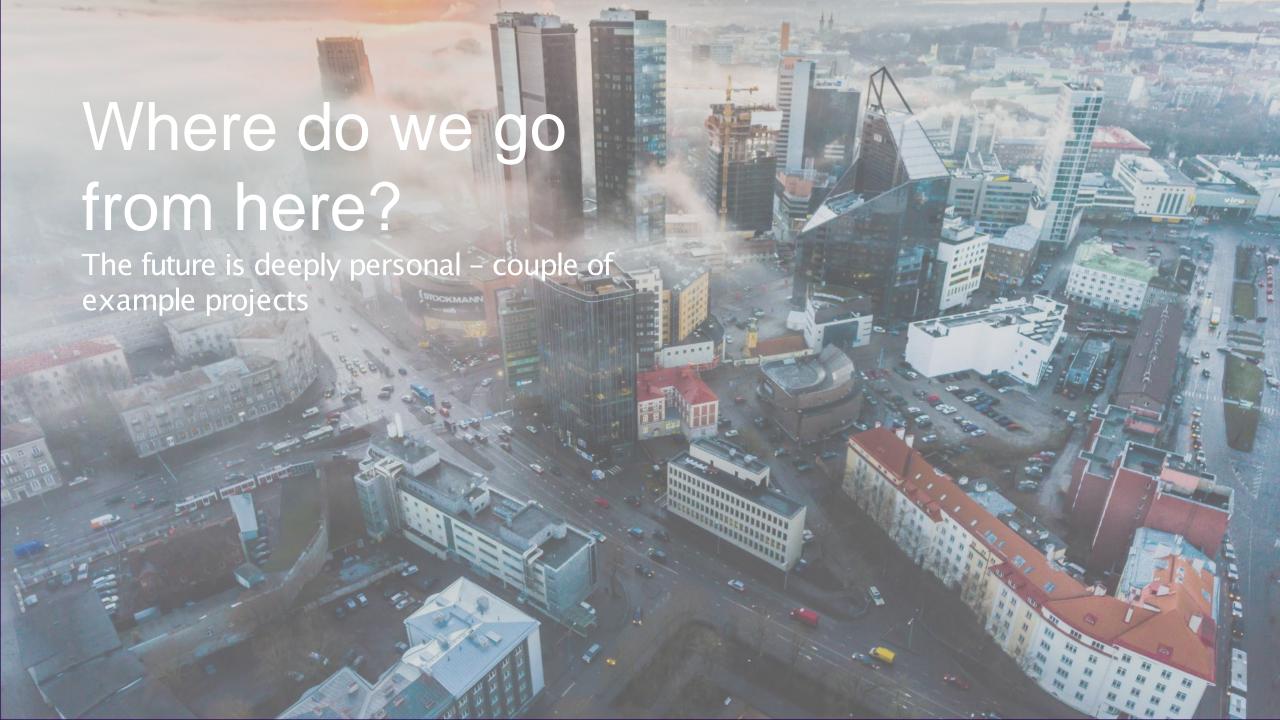
- health professionals;

I – industry; **G** – government

*new innovative products and services for patients

*new research and partnership opportunities for professionals and local industry

*data-driven insight for policy *advancement of medicine



Estonian Personalized Medicine Project

- Who: The National Institute for Health Development, Tartu University, Ministry, and others
 - What: Developing risk scores and decision support software for family doctors
 - How: Using primarily genotyped data in combination with EHRs to train algorithms that predict risk
 - Why: Predict diseases for primary prevention, provide pharmacogenetic services



My e-Health 6

My data

Kalle Killar 37512060236 **INSURED** Family doctor: Maret Miil

Update



CORONAVIRUS ANALYSIS LAB RESULTS

Recent documents



Health data

Time critical data

Dental care documents

Dental care charts

Dental status chart

Passport of Immunization

Ambulancecharts

Prescriptions

Referrals

Invalid referrals

Valid referrals

Referrals related to anappointment

Health declarations

Health certificates

Case summaries

Out-patient case summaries

Day-care case summaries

In-patient case summaries

Birth case summaries

Notifications

Development assessment notifications

Immunisation notifications

Growth notifications

Examination notifications

Counselling notifications

Examination results

Image references

Referral responses

National eBooking system



COVID-19 VACCINATION

Invoices submitted to the Fotonian

