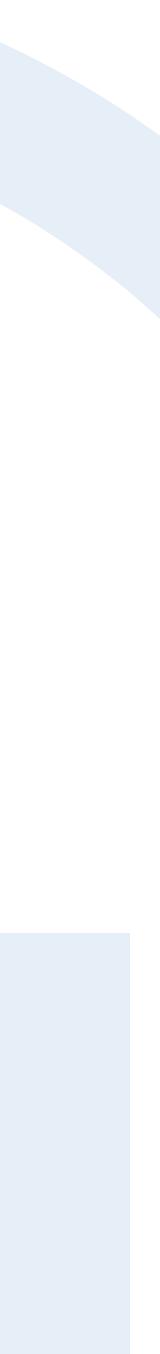
co-creation and public outreach the rise of predictive public e-services

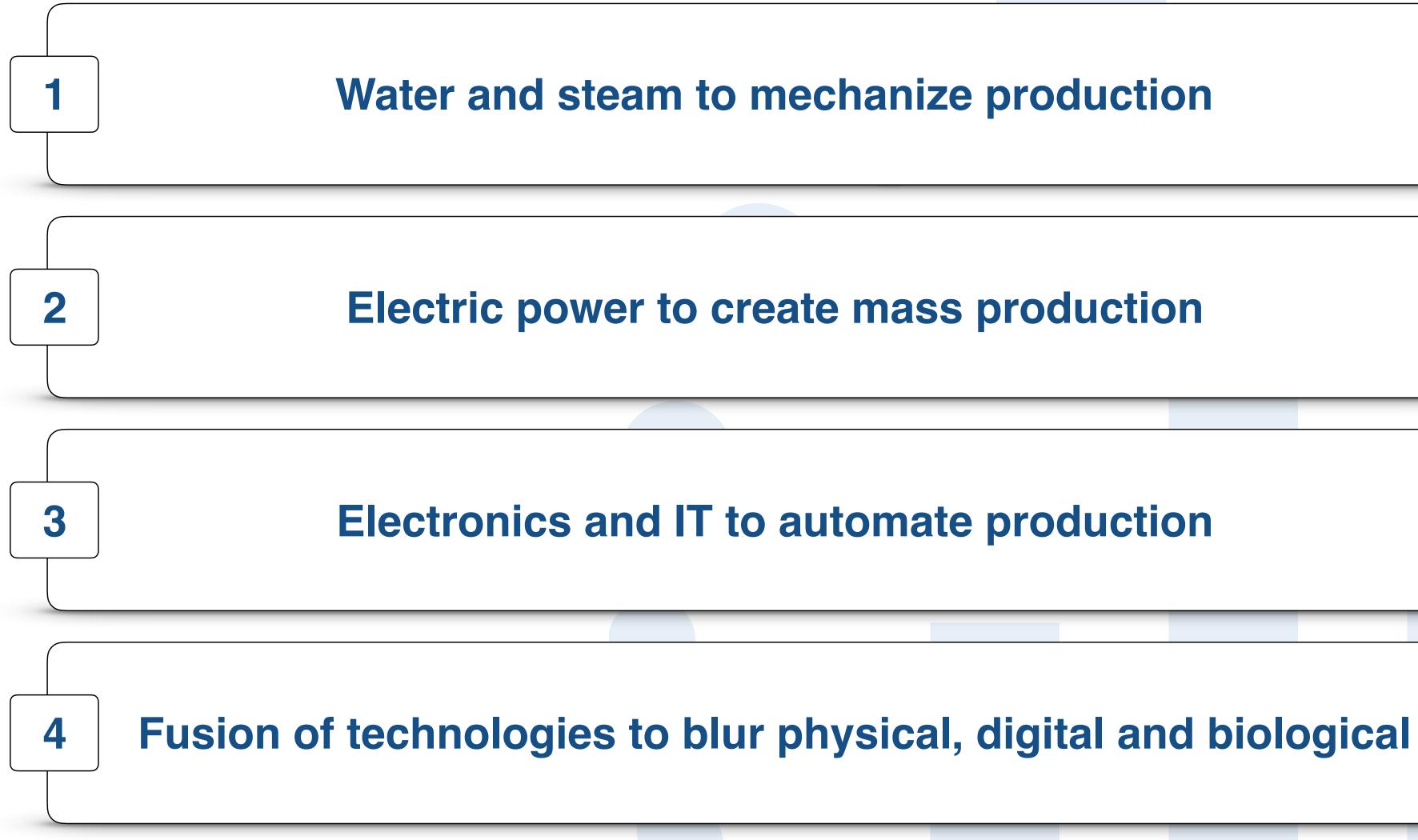
Kristjan Vassil Vice Rector for Research University of Tartu



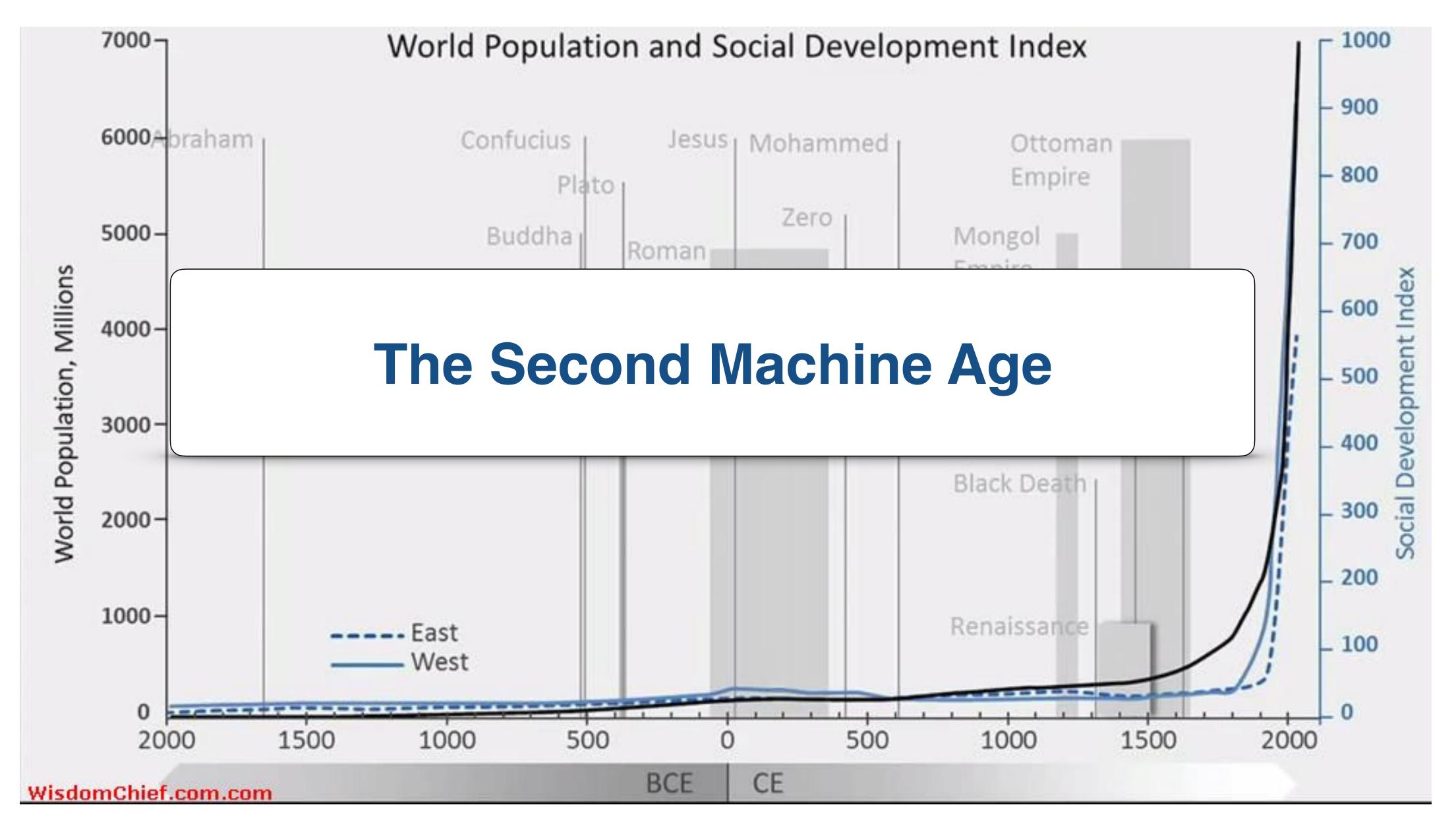












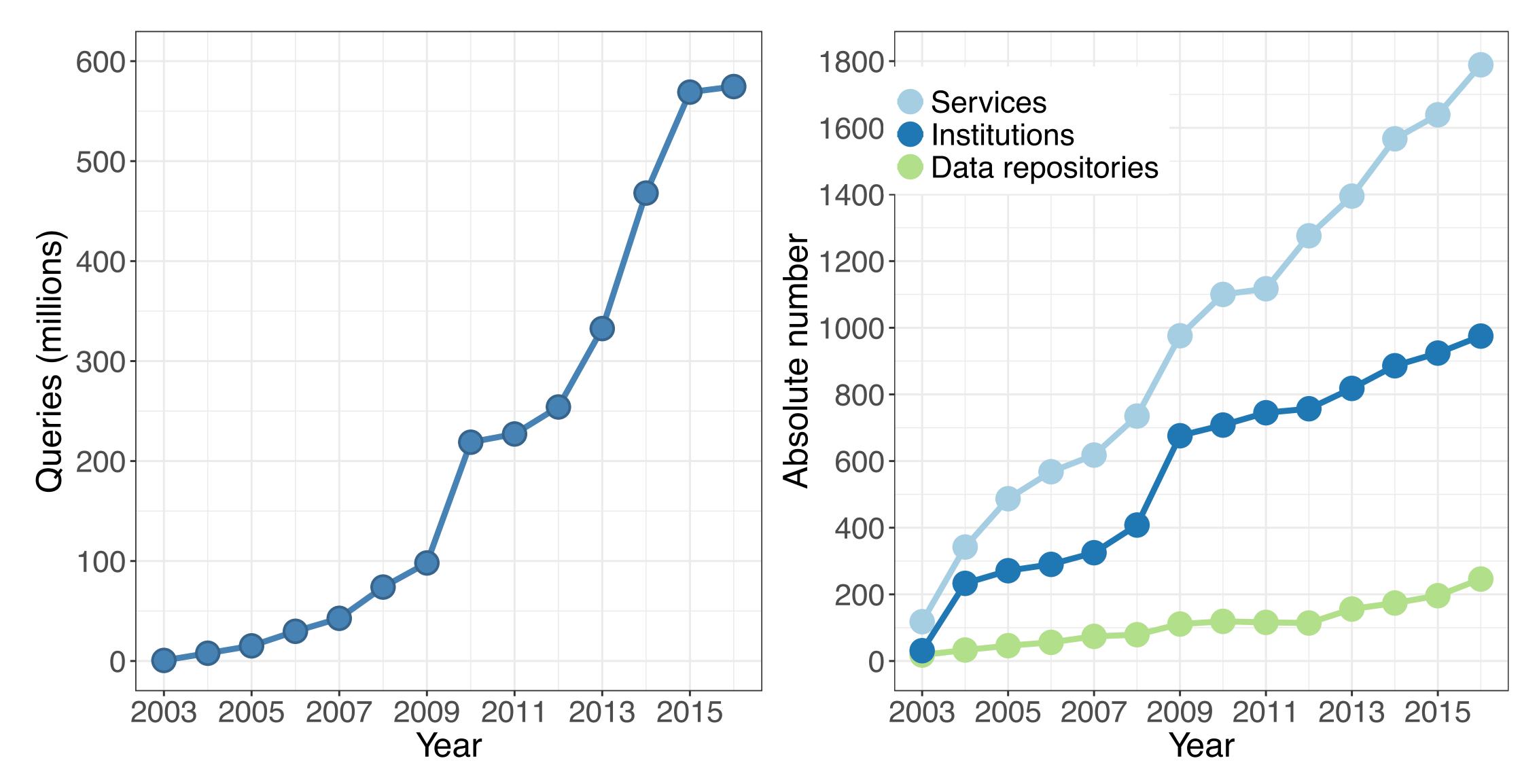
Large **sensor** networks produce immense amount of data in real-time requiring self-learning analytical techniques for evidence based decision making

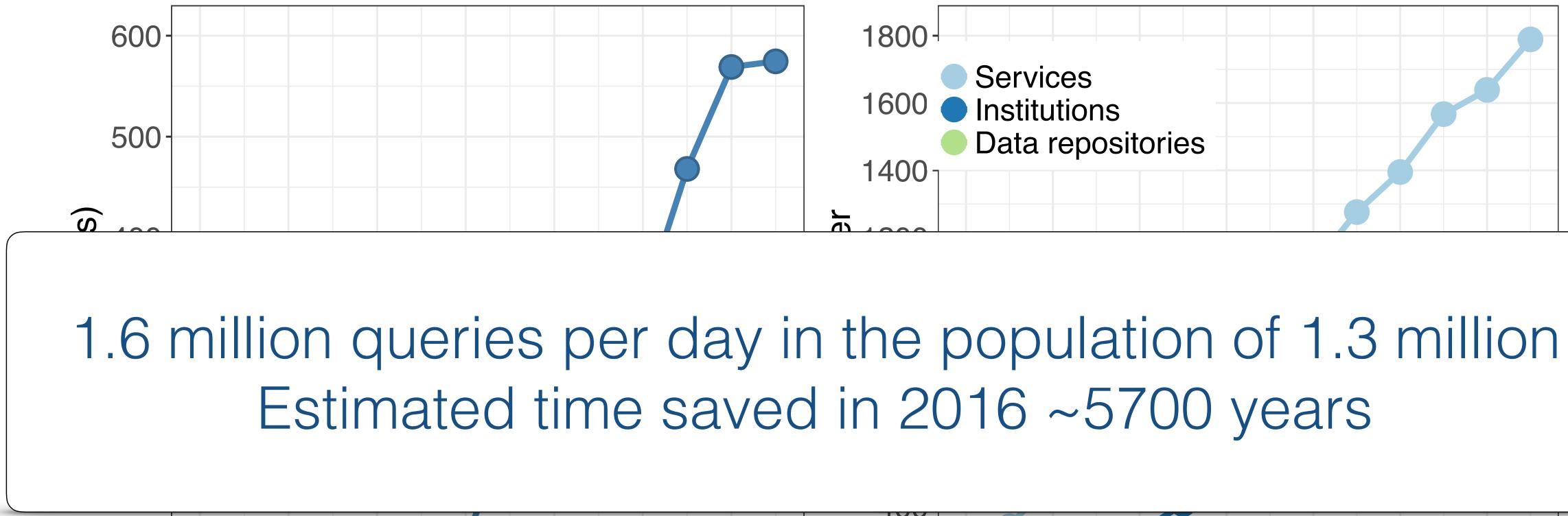
- affecting all domains of mankind

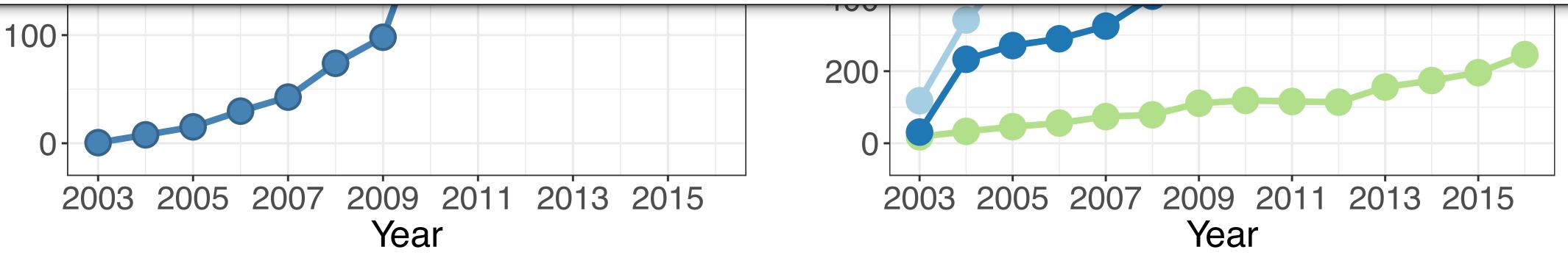


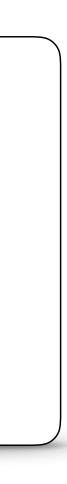
we sense the world better than ever

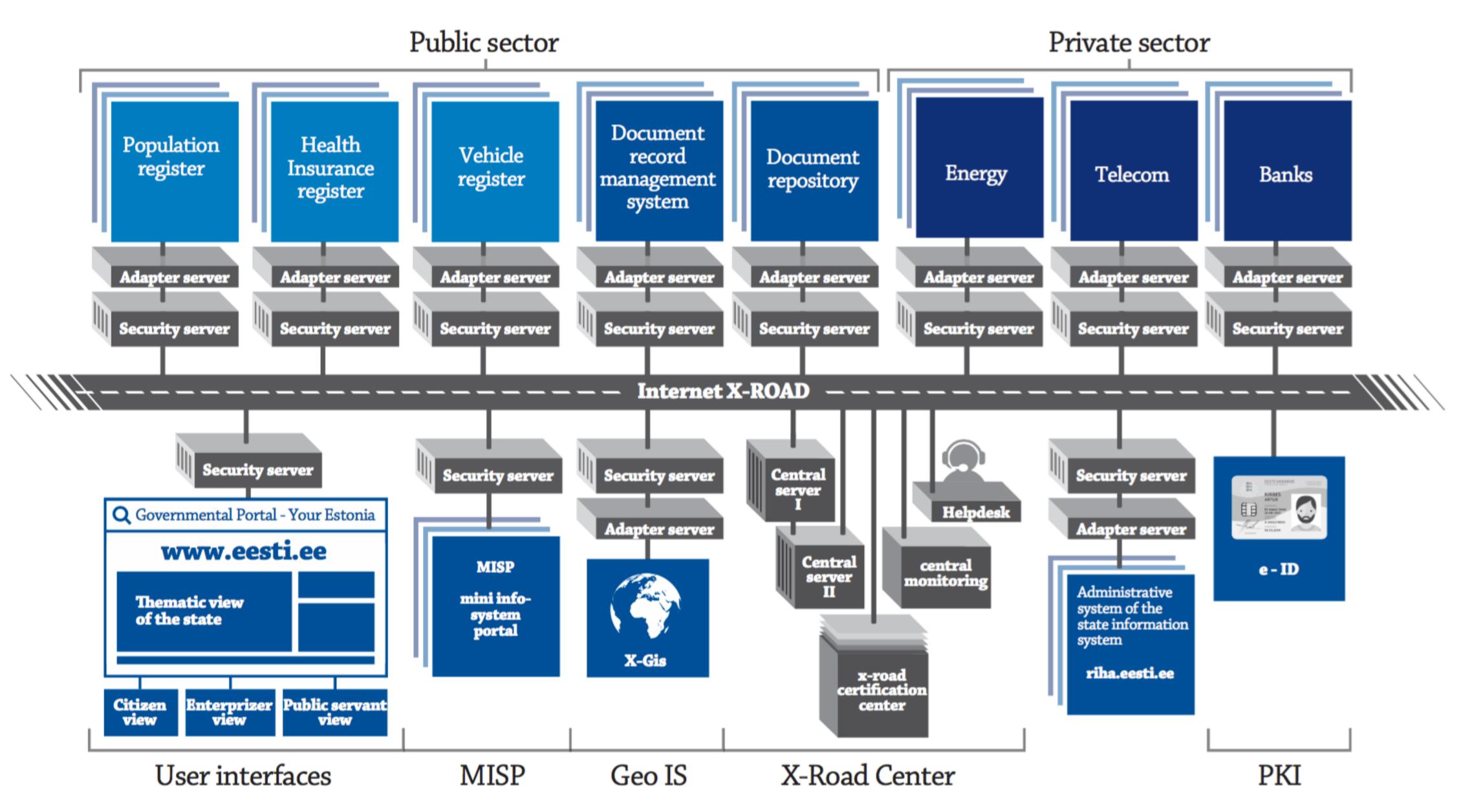


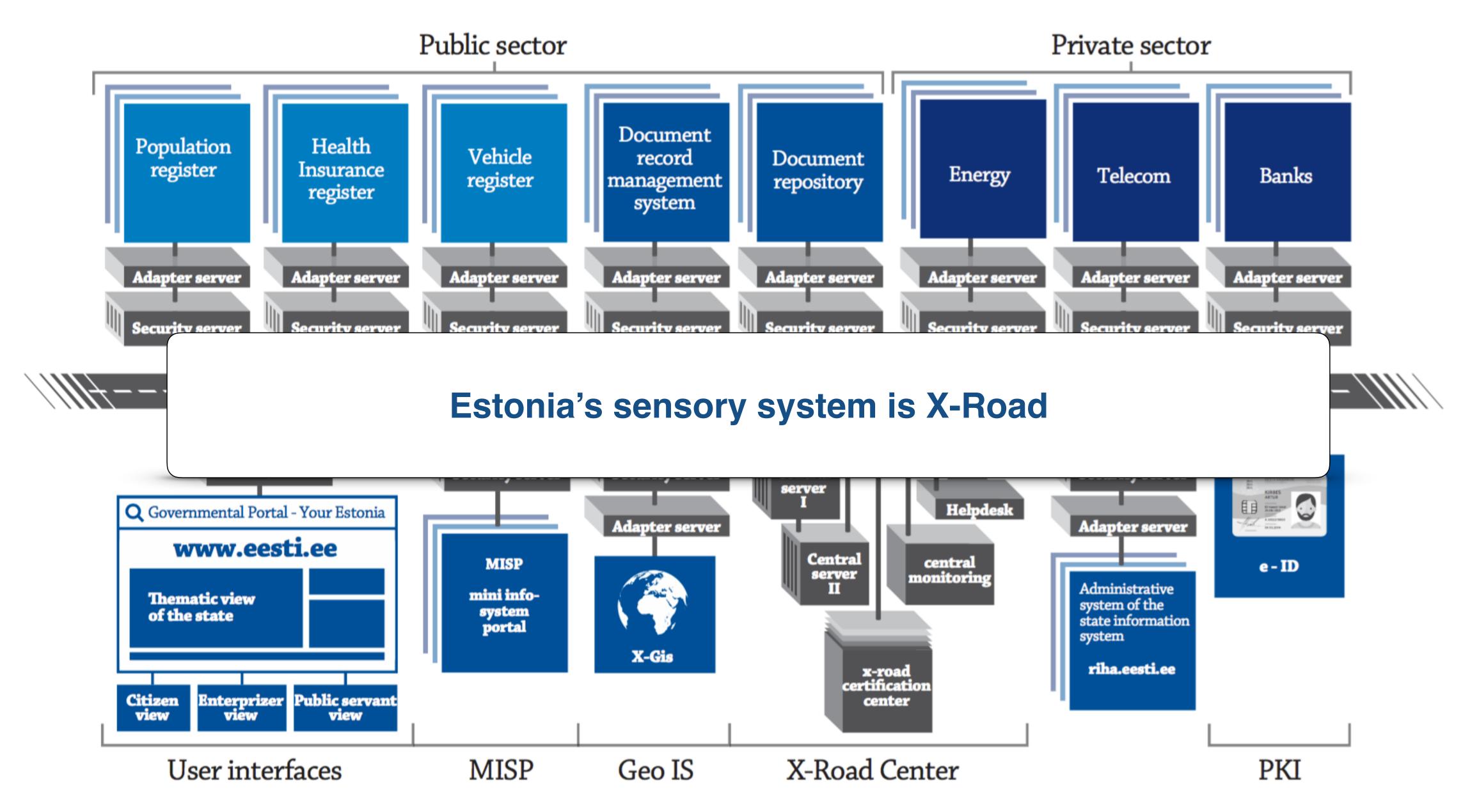












e-government accelerates innovation



Wage and Tax Statement

Form

real-time economy **economy**

15 State

17

Copy B To Be Fil-Employee's F



VAT tax

Income and labor tax

Auxiliary data

VAT tax

Income and labor tax

Auxiliary data

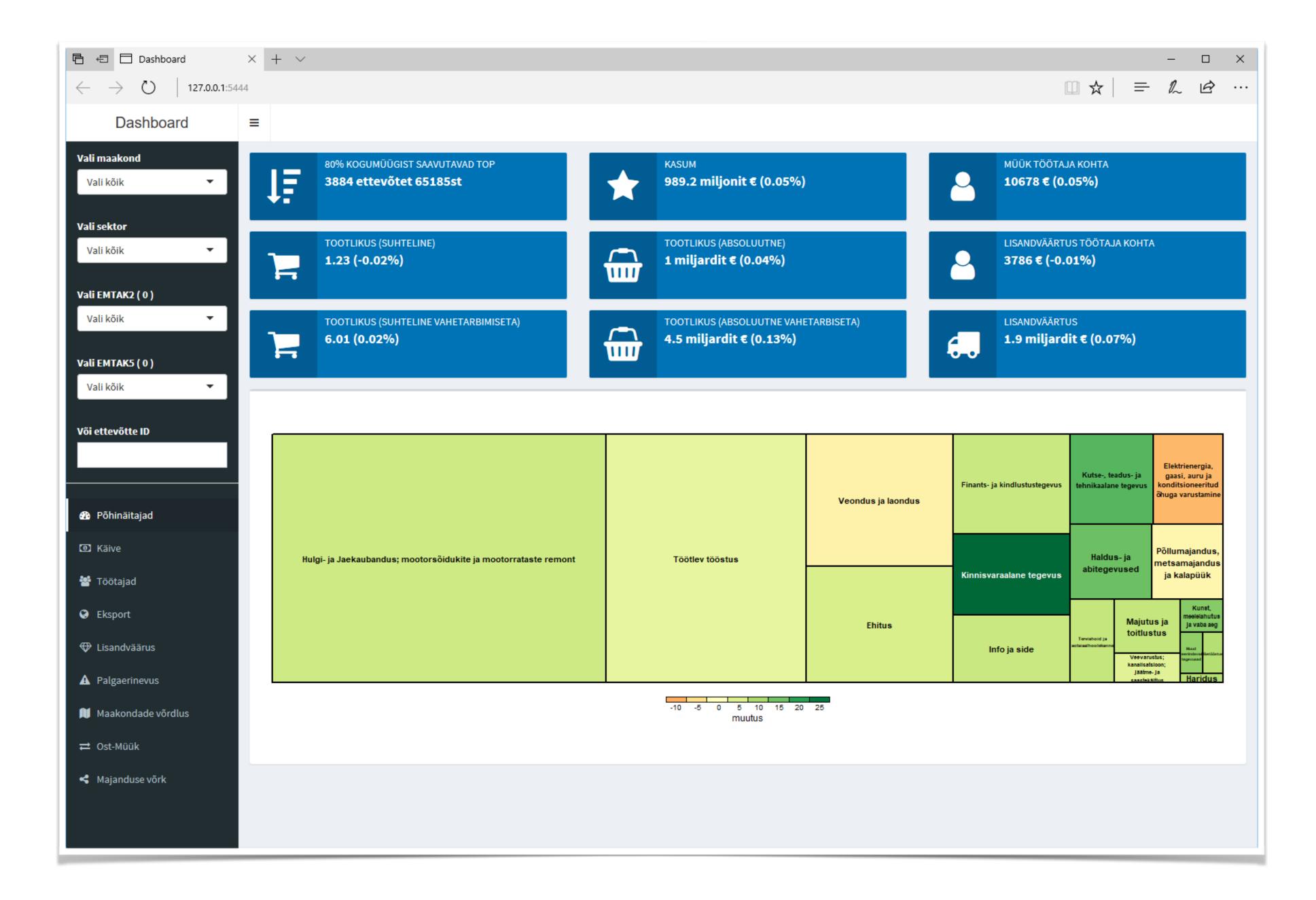
Real-time economic monitoring

Forecasting

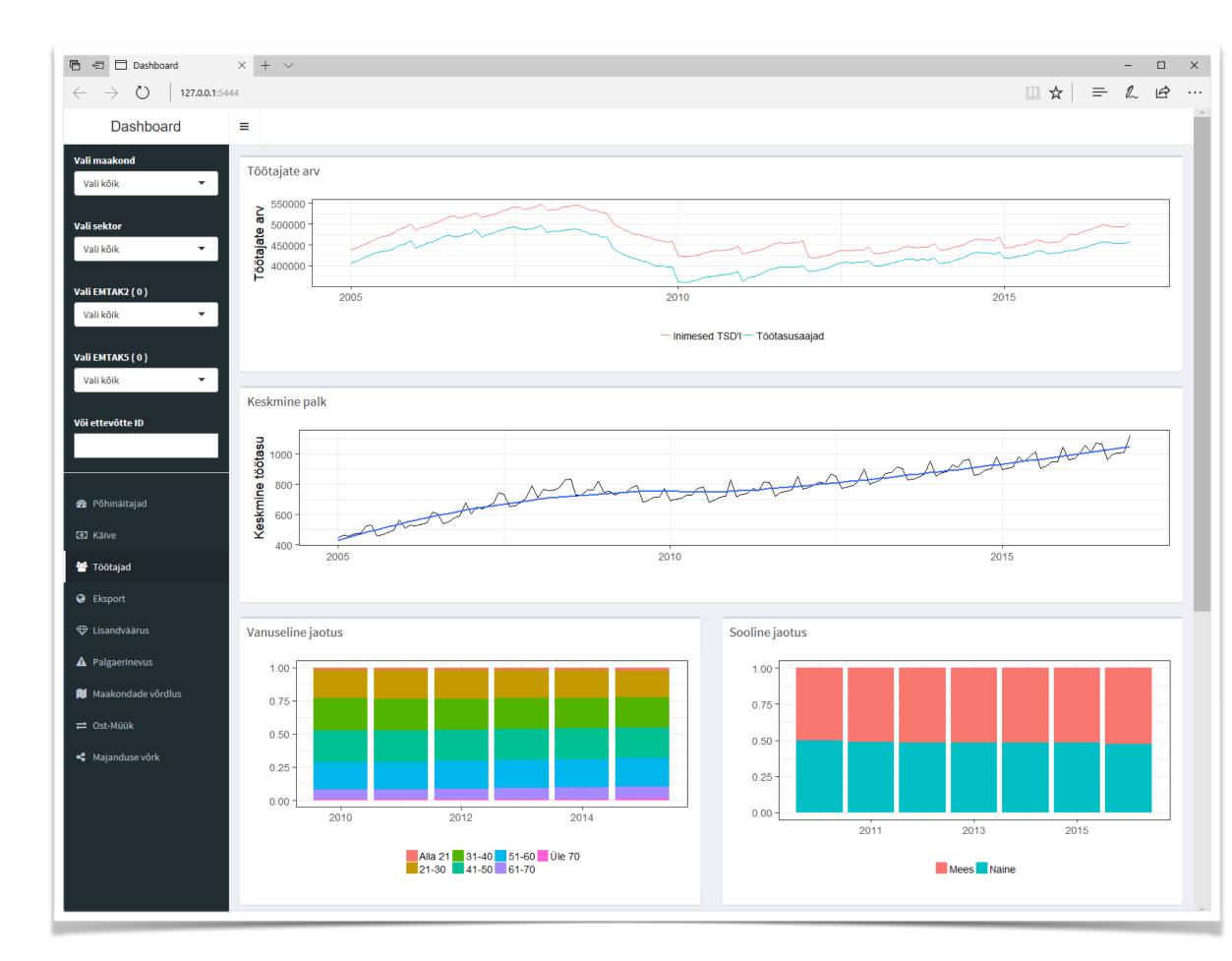
Event discovery

Policy impact

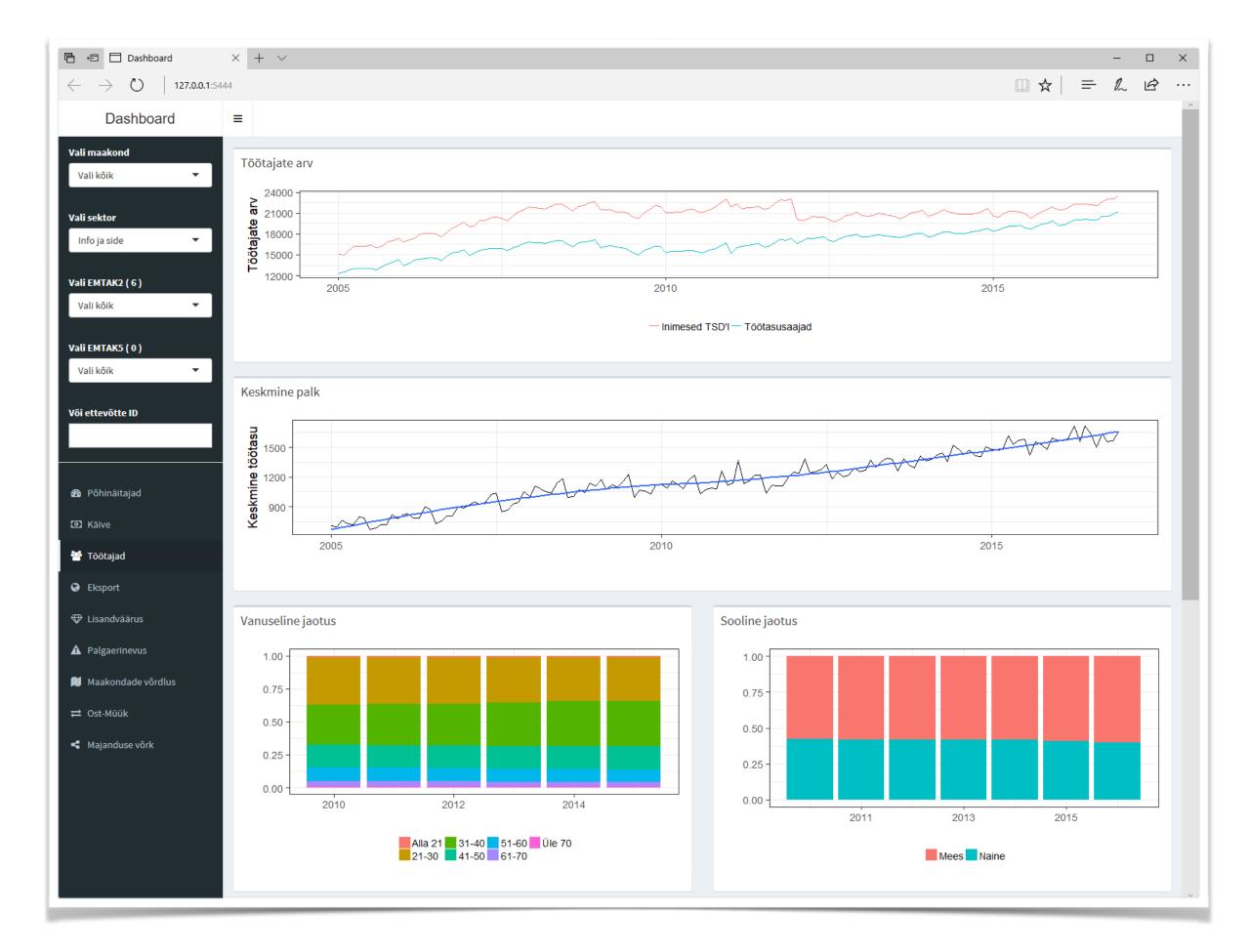




Entire economy

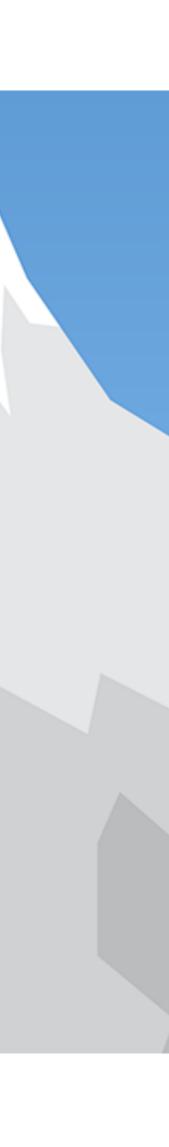


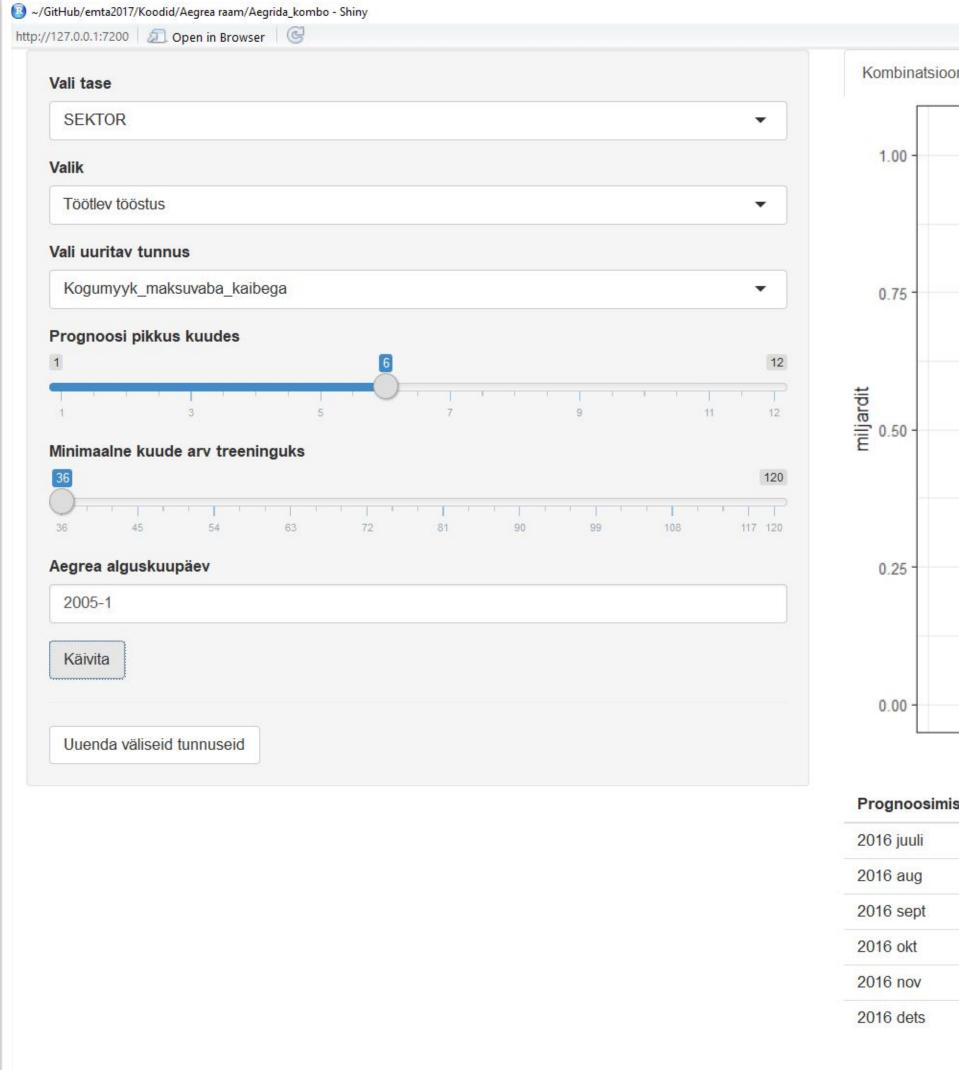
IT and telco

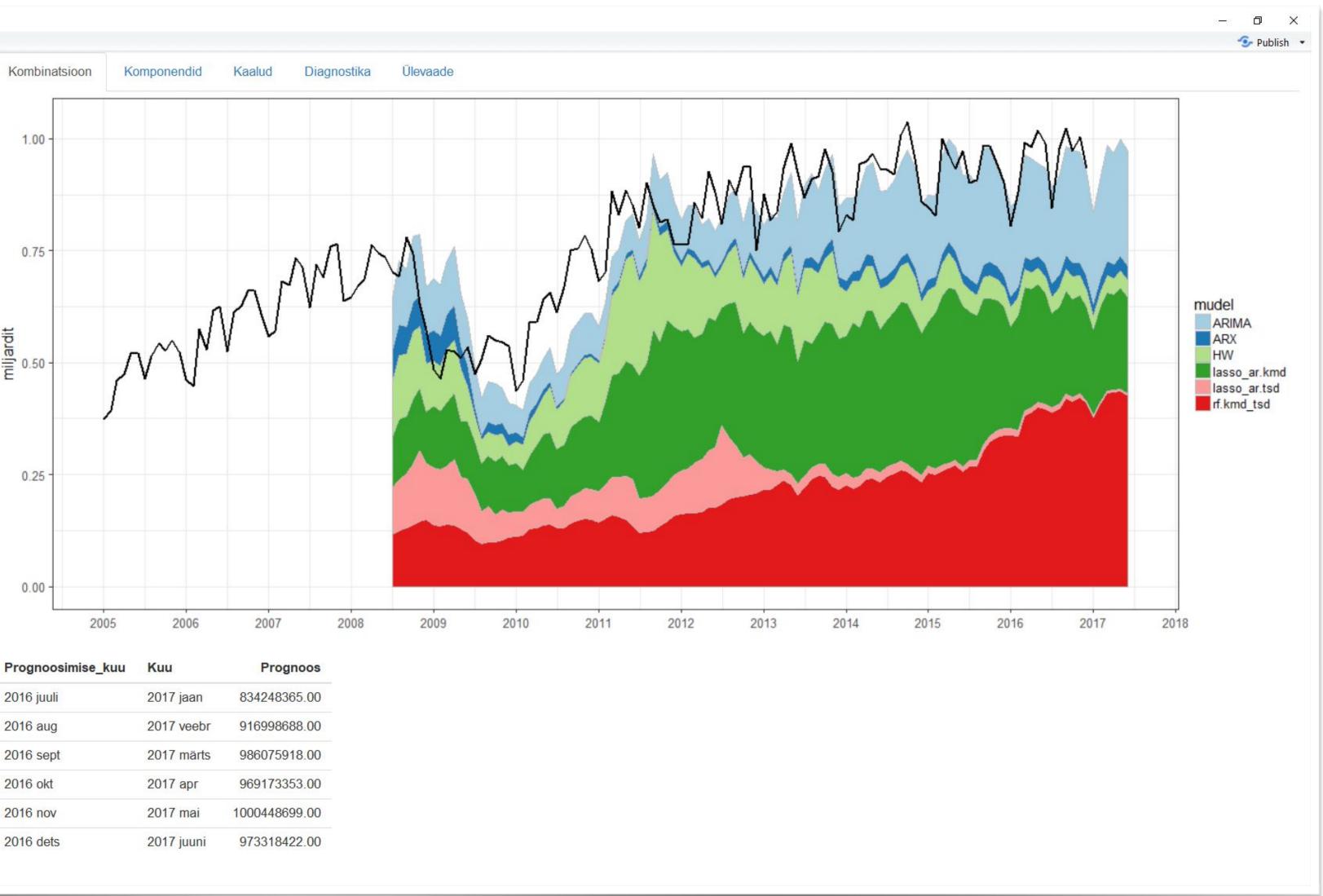




real-time forecasting







Prognoosimise_kuu	Kuu	
2016 juuli	2017 jaan	83
2016 aug	2017 veebr	91
2016 sept	2017 märts	98
2016 okt	2017 apr	96
2016 nov	2017 mai	100
2016 dets	2017 juuni	97

algorithmic **policy making** predictive **e-services**



this is **CO-Creation**



his is Co tax mi mi

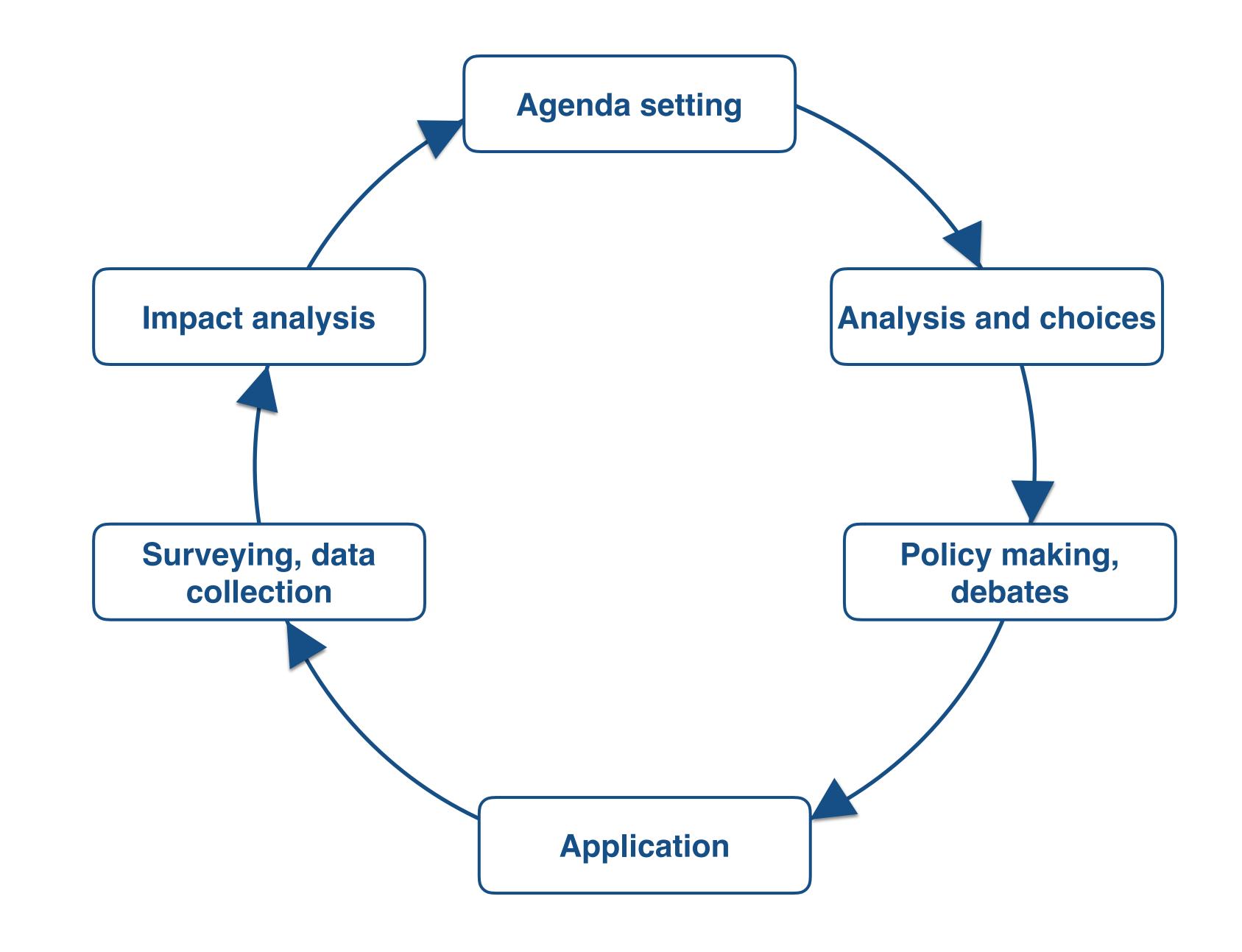
this is **CO-Creation**

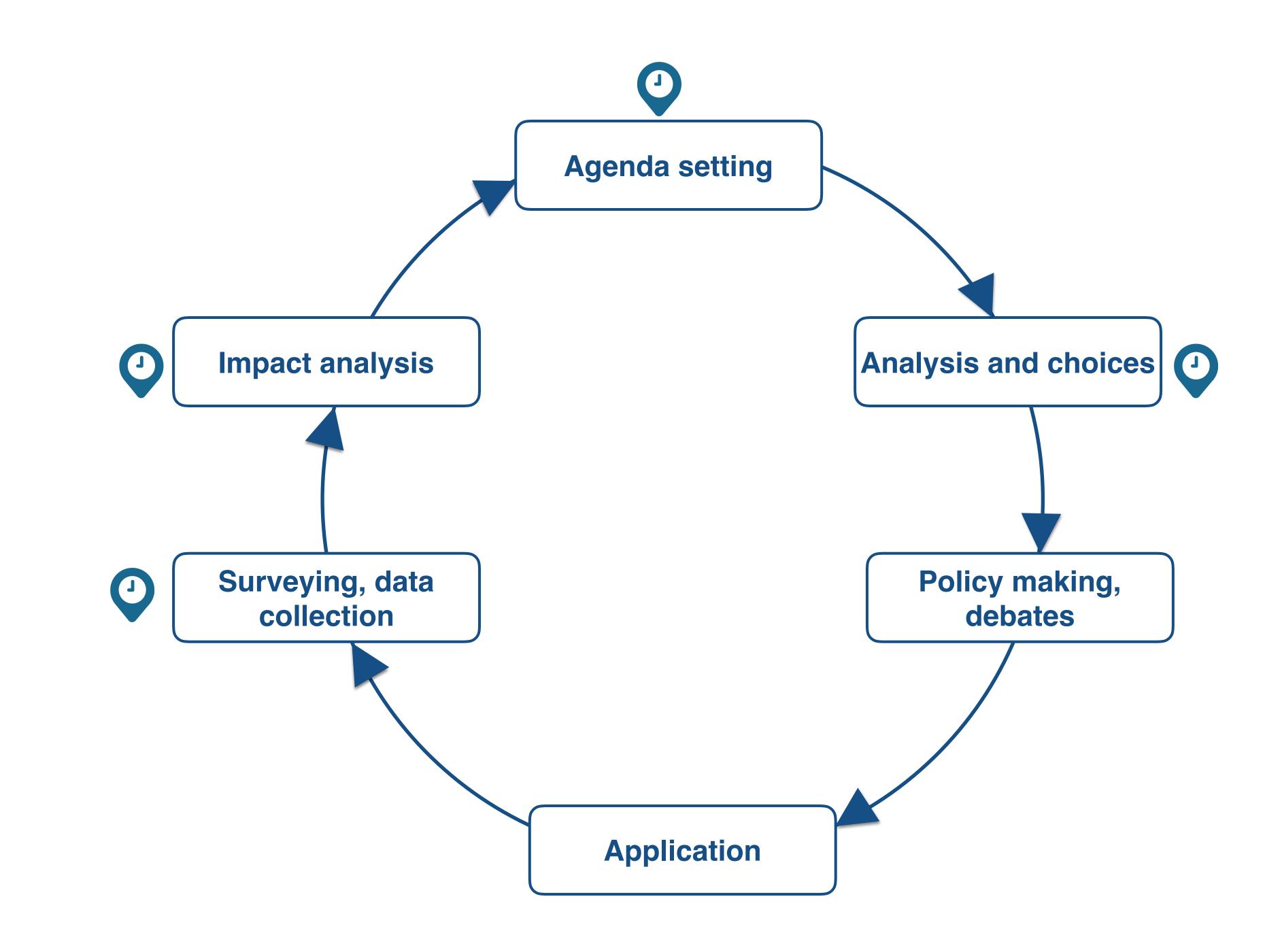
companies tax and customs board ministry of economic affairs ministry of finance central bank university of tartu



acceleration in policy making









Leadership

Teaching



Research

Leadership

Teaching



Leadership

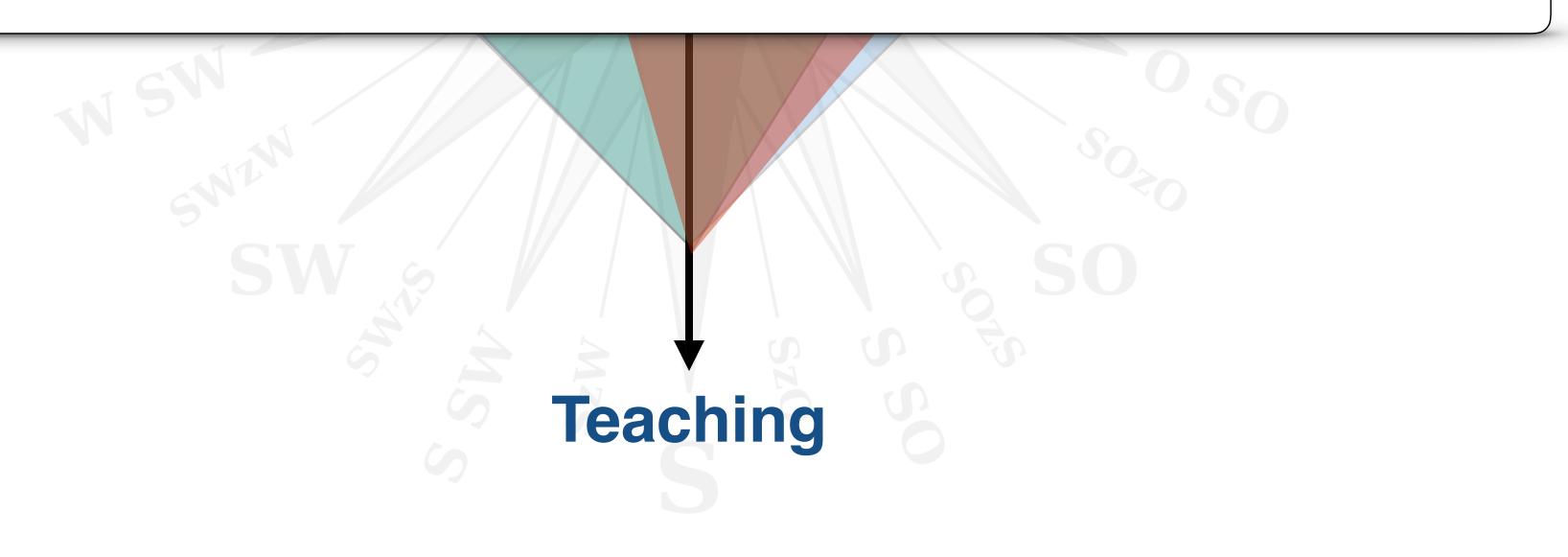


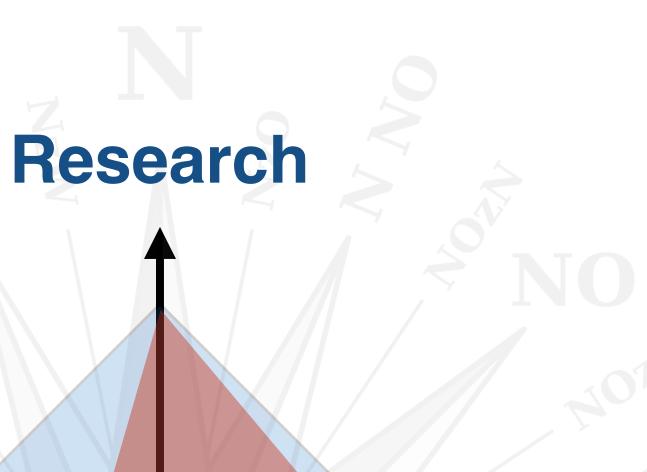
Leadership

Teaching

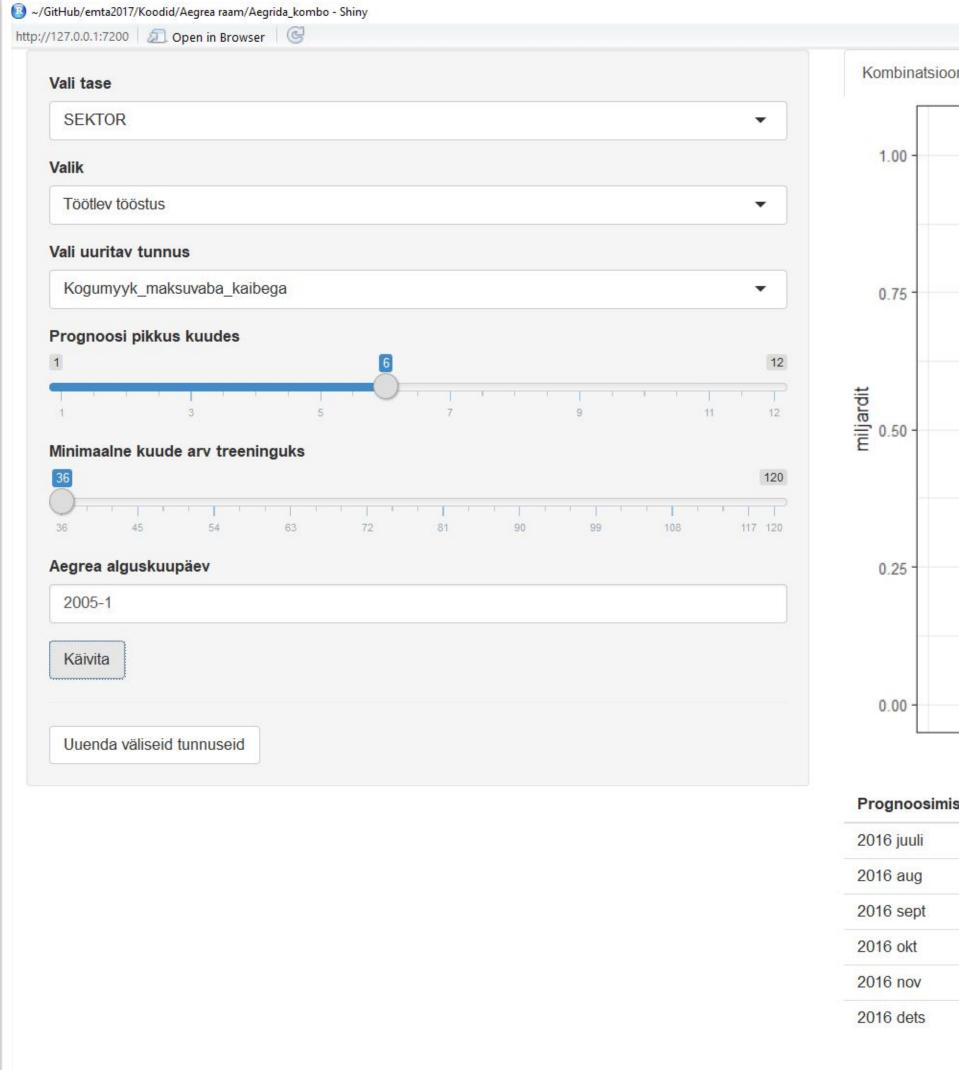
Research

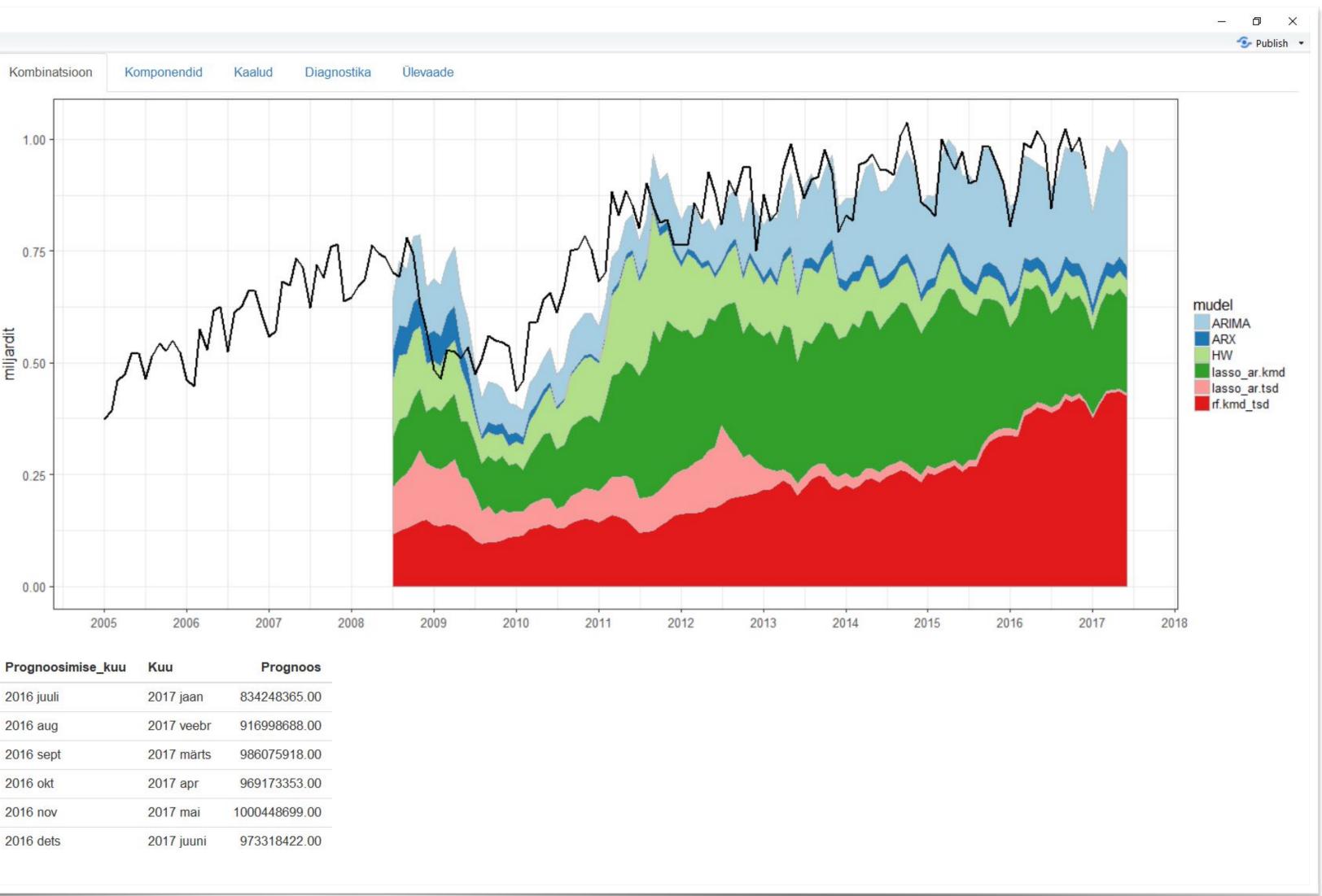






Diversify deliverables that count for research and outreach





Prognoosimise_kuu	Kuu	
2016 juuli	2017 jaan	83
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co-creation and public outreach the rise of predictive public e-services

Kristjan Vassil Vice Rector for Research University of Tartu







