

Health data drives innovation

Future Digital Health

Summit 6th May 2021

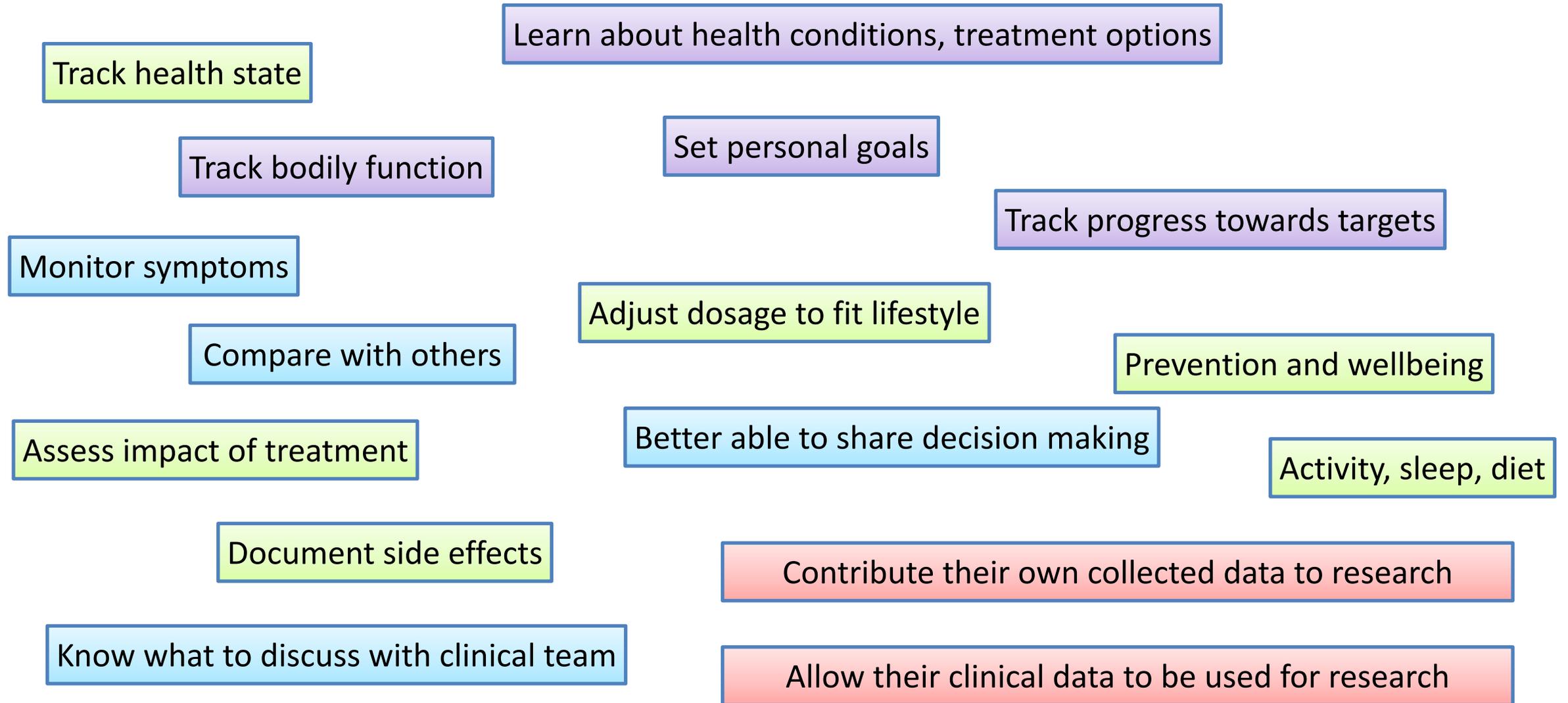


The opportunities from mHealth data



*Professor Dipak Kalra
President of i~HD*

How can patients use mobile health solutions?



What it covers



Why it is important



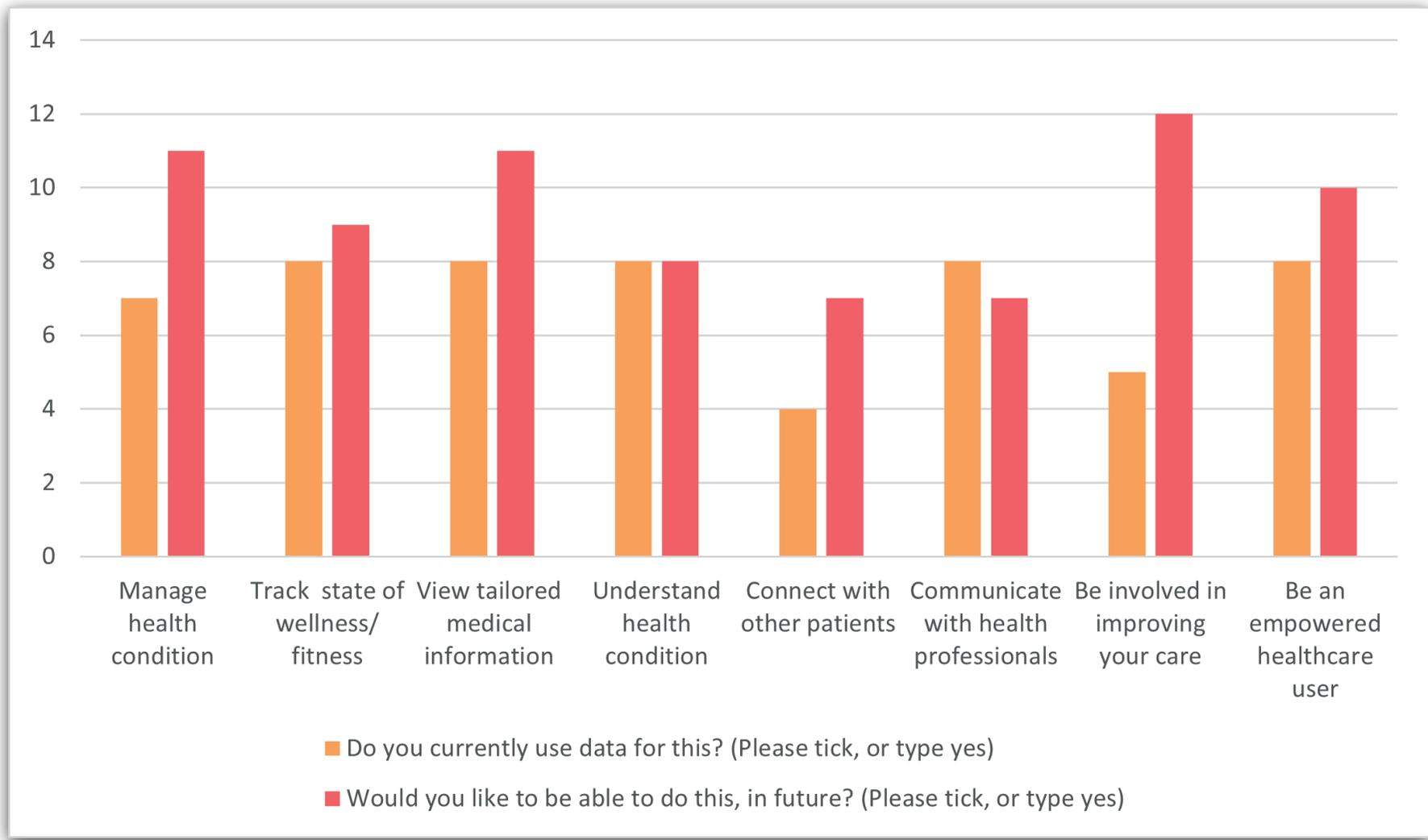
mHealth market



What is the EU doing about this? Targeting potential issues & barriers, such as



Why do patients want to make more use of their own health data?



Virtual Focus Group of patient and citizen representatives, October 2020. Digital Health Europe project.

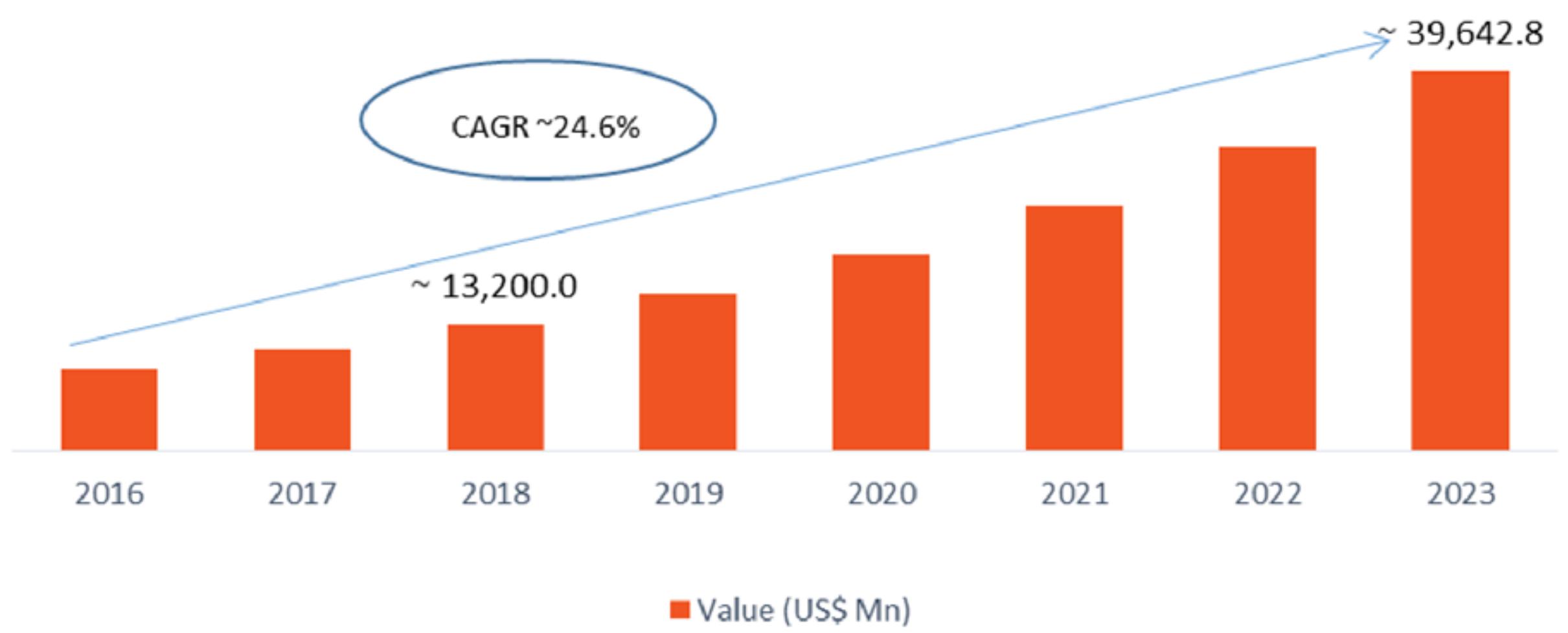
Examples of health data reuse with high public value

- Enhance understanding of disease, progression, current standards of care
- Monitor and improve health outcomes and effectiveness
- Model and evaluate patient pathways
- Epidemiological measurement e.g. estimating disease prevalence or survival rate
- Risk and health needs assessment
- Develop new treatments: e.g. clinical trial feasibility, patient recruitment
- Develop new technology e.g. medical devices, sensors, and wearables
- Conduct pharmacovigilance studies, monitor patient safety
- Derive evidence for regulatory and Health Technology Assessment submissions
- Profile biomarkers and target populations for therapies (precision medicine)
- Develop and validate algorithms and Artificial Intelligence

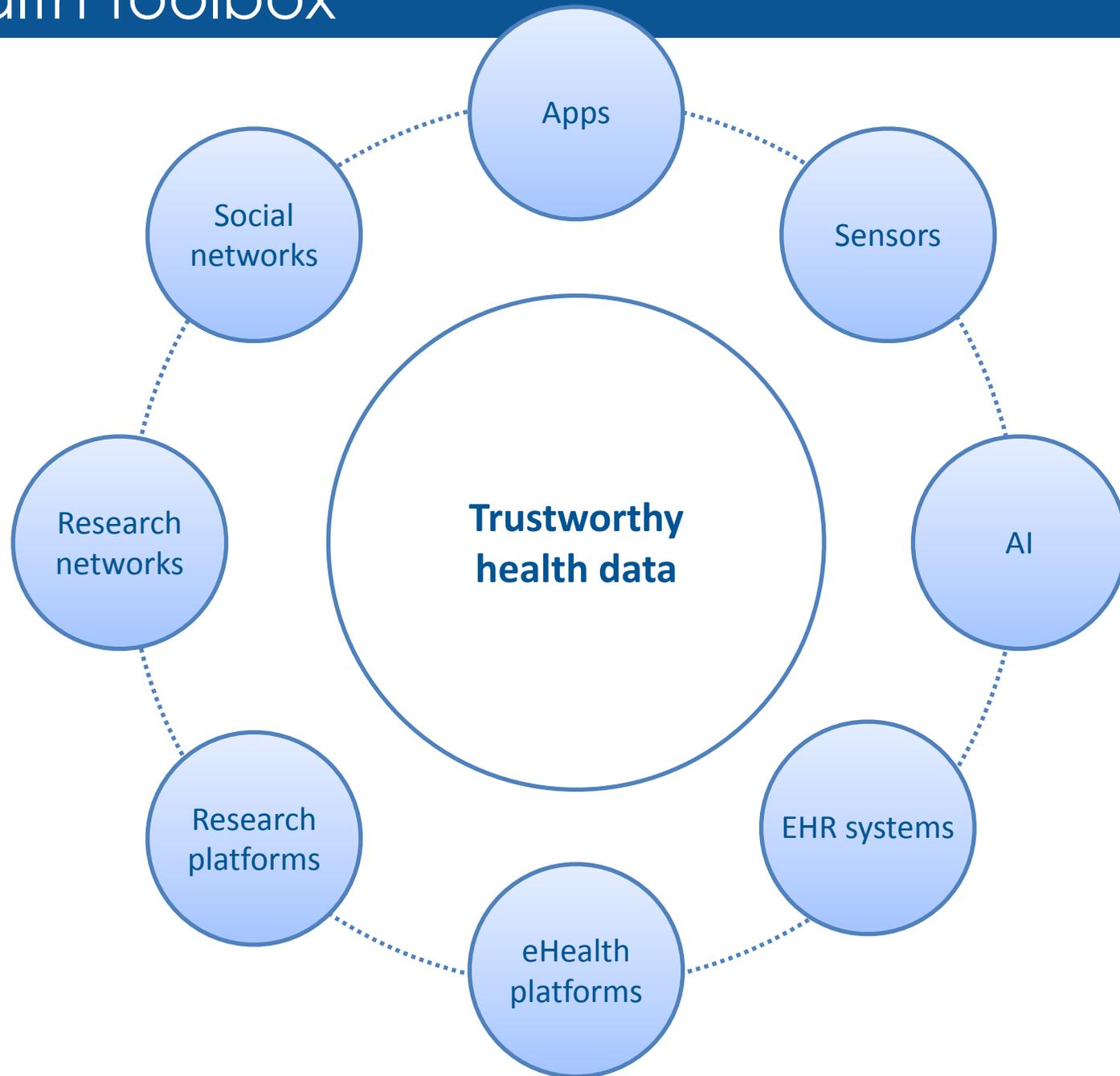
Who do the public (usually) trust with their data?

- Health and social care provider
- Academic research organisation (e.g. university)
- Public health organisation
- Healthcare funder (health ministry, commissioning group, health insurer)
- Patient association or charity
- Regulatory body (e.g. medicines agencies)
- Pharma company, biotech company, AI company
- Manufacturers of medical devices, appliances, systems etc.
- ICT (software, platform) developer or service provider, digital therapeutics

Global healthcare data analytics market 2016-2023



The digital health toolbox



Health data has the potential to catalyse smarter health care and efficient research

All stakeholders need to urgently accelerate knowledge discovery by creating and combining high-quality health data, and making trustworthy uses of the data

As a neutral, multi-stakeholder institute **i~HD** maximises community value from health data

That is why we promote, develop and share good practices and tools and perform quality assessments

