

Power to the People

Are we really ready for this?

Zoltan Lantos

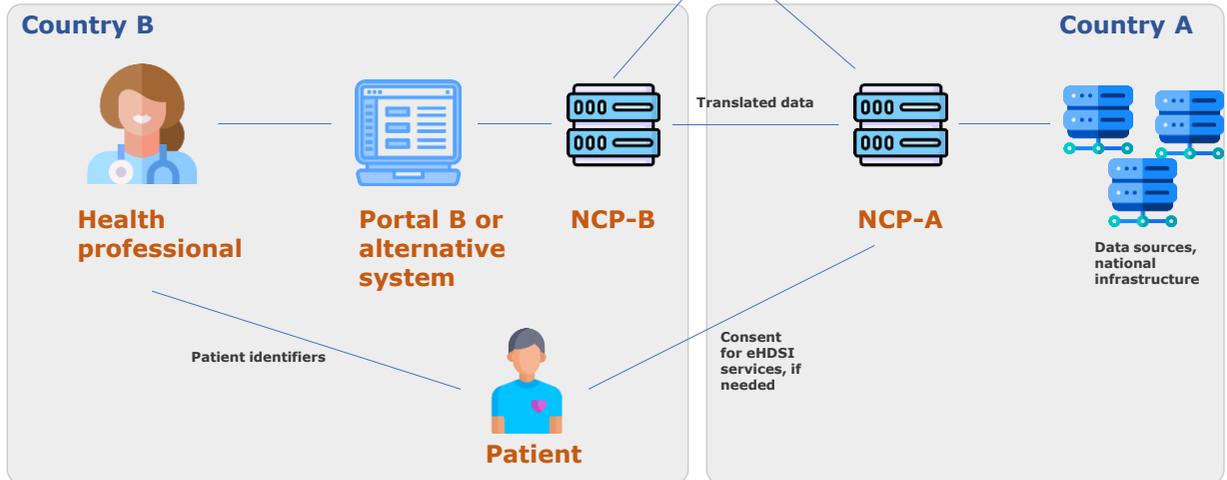


2023 Thought Leader EHTEL Symposium
 Digital Health Implementation: It's a collaborative business
 29 November Ghent, Belgium



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Current scenario
 Health Professionals can access data



Source: DG SANTE, 2022

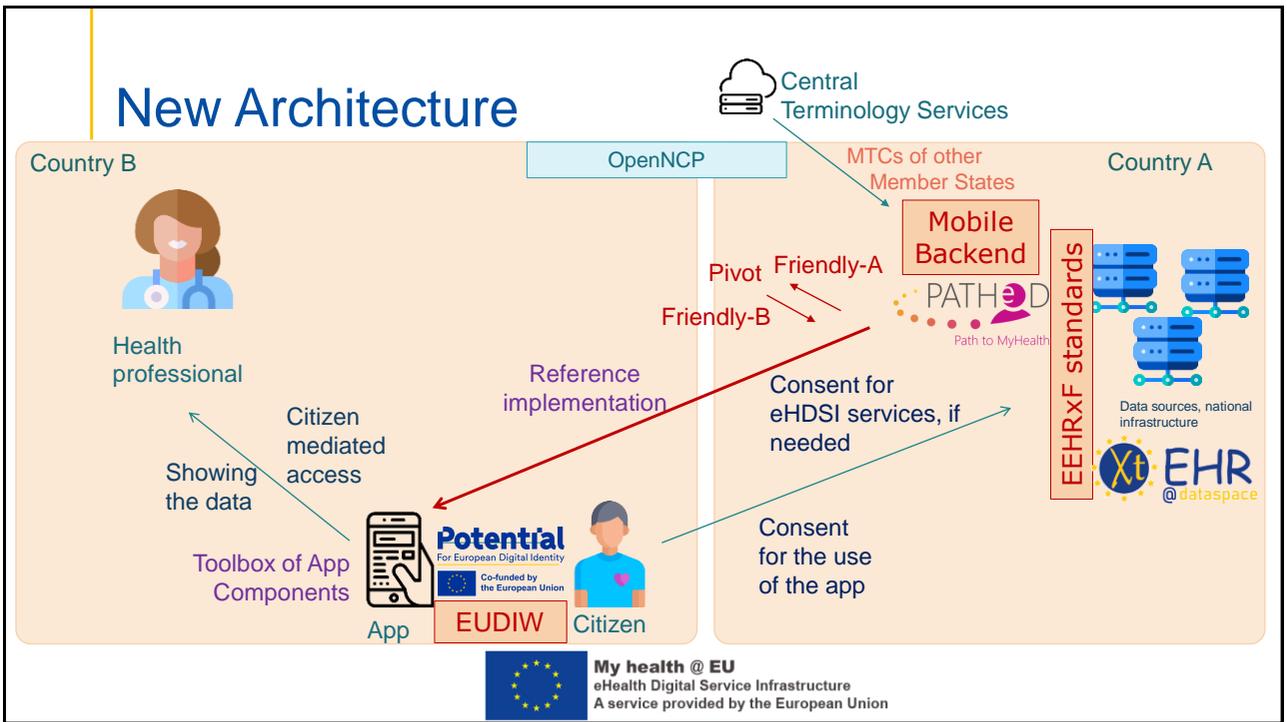


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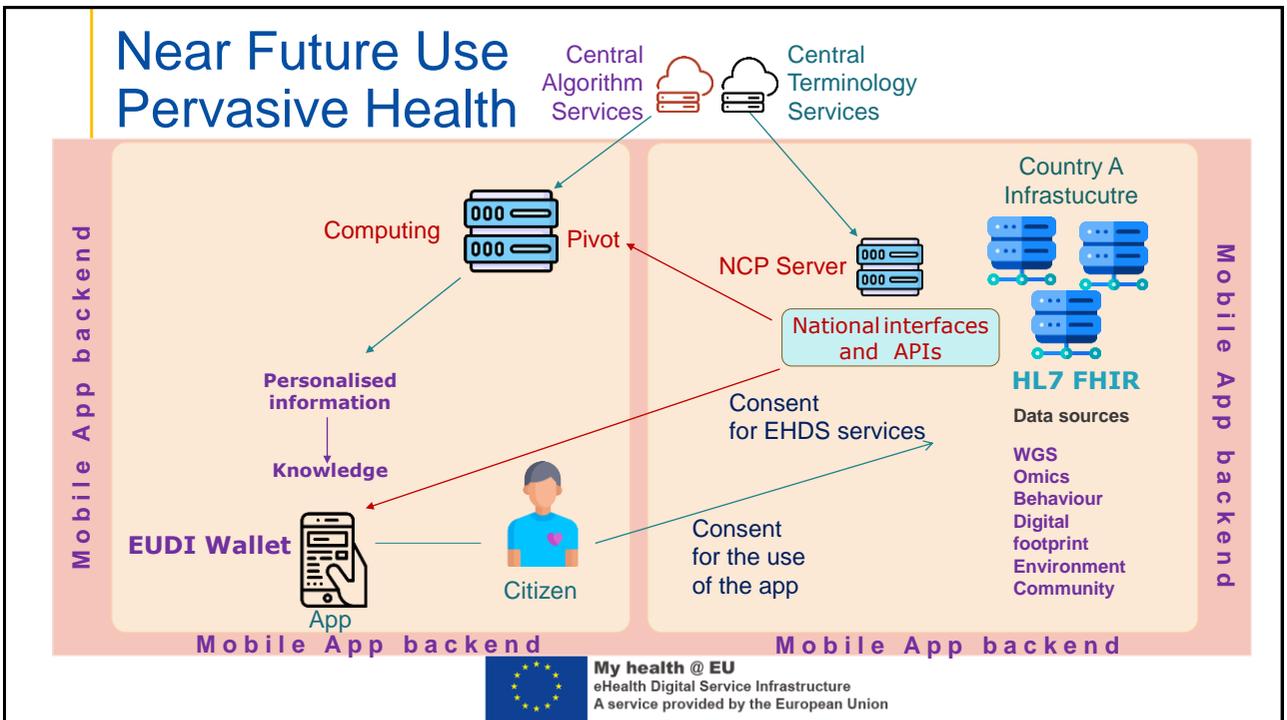
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New Architecture



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Near Future Use Pervasive Health



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100% of citizens have access to medical records online

Source: Europe's Digital Decade: digital targets for 2030

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Reciprocity: How to Enable a Healthier World

Copenhagen Institute for Futures Studies
Institutet for Fremtidsforskning

Welcome to the Data Age

Data is the only renewable resource
That can transcend the boundaries of our ecosystem

January 2019

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We are trying to solve 'wicked problems'.

Primary

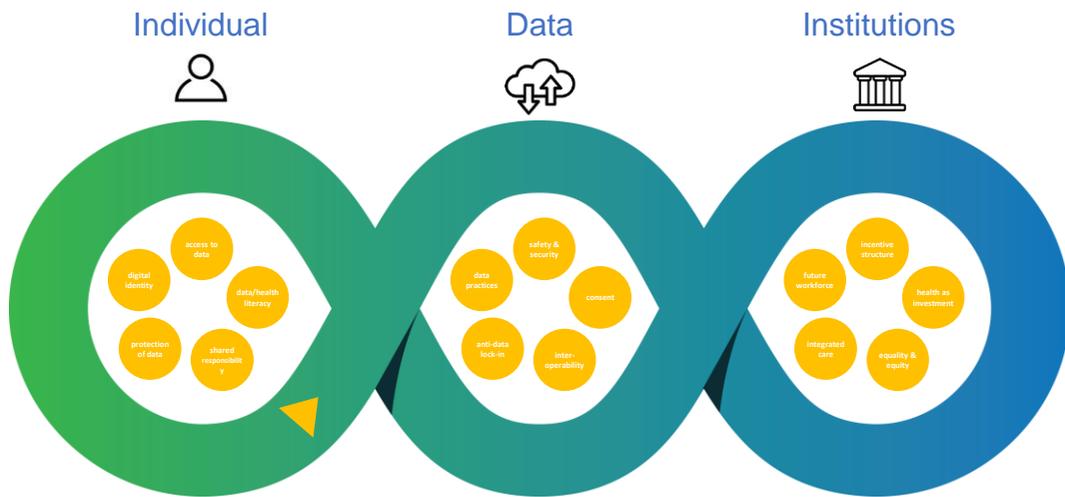
- No clear solution
- Attempts to address the problem often lead to unforeseen outcomes
- Solutions involved changing behaviours
- Many interdependencies are often multi causal
- Socially complex

Secondary

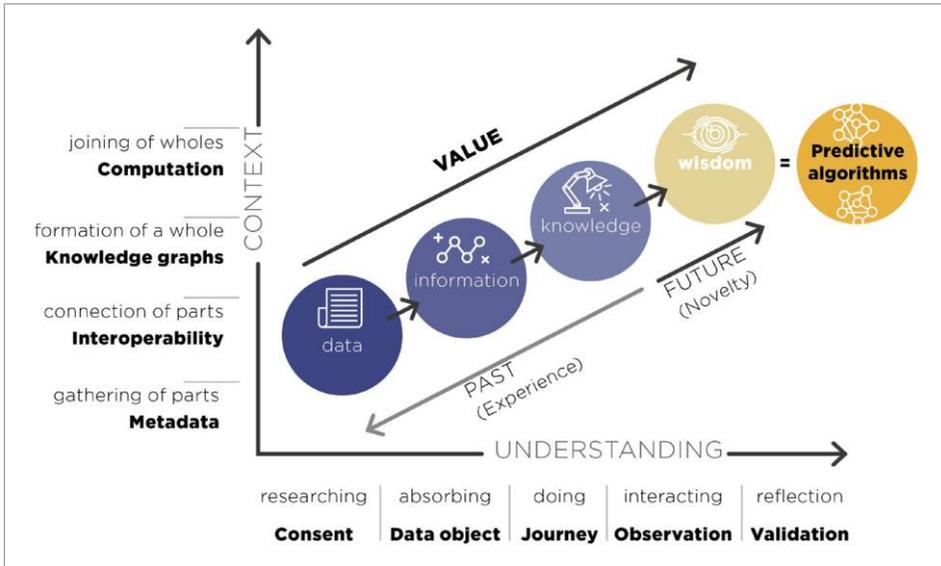
- Difficult to clearly define
- Frequently not stable
- Rarely is the responsibility of only one stakeholder
- Can be characterised by chronic policy failure
- Requires adaptive leadership

Wicked problems need to be addressed in a holistic way rather than from just one of the many stakeholders' perspectives - some of which can actually be conflicting with each other. Stakeholders must work together to ensure a full understanding of the problem and to share a commitment to possible solutions. Because wicked problems have no simple identifiable root cause, and often there are interactions between several causal factors, solutions require broader, more collaborative and innovative approaches.

Data Flow – We Lack the European Platform Model



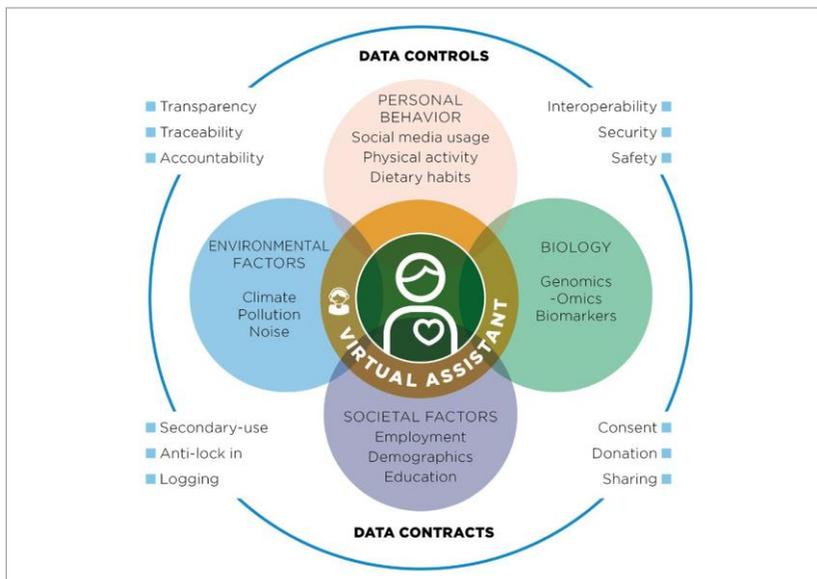
Data Value Chain – Little Attention to the Foundations



Source: Lantos 2022, based on Ackoff 1989 in: The Next Era in Global Health by Copenhagen Institute for Futures Studies, 2020.

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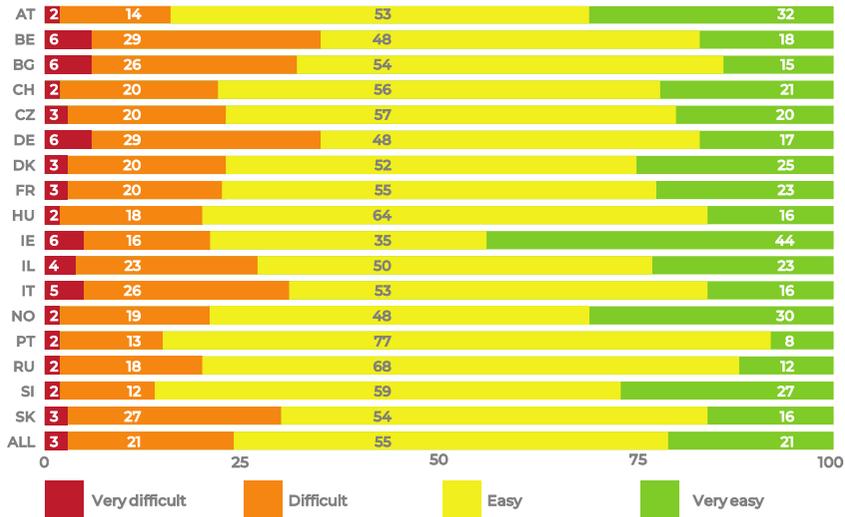
The Individual as a Data Centre – We Lack Clear Motivation



Source: Copenhagen Institute of Future Studies

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Health Information – Actionable?



Source: Health Literacy Survey 2019

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Health Literacy – How Many Are Capable?

Knowledge	Access	Ability	Efficiency	Sharing	Maintaining
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Knowledge of health, available health services and the healthcare system.

The extent to which an individual can process and use information in different formats about health and health provisions.

Access to resources and support required for processing and using information.

Ability to process and use information for health purposes.

Personal efficiency in processing and using health information.

Sharing health information.

The capability to maintain health through self-management and collaboration with health service providers.

Health co-management

Feldolgozva: Liu C et. al.: What is the meaning of health literacy? A systematic review and qualitative synthesis. Fam Med Community Health. 2020 May;8(2):e000351. doi: 10.1136/fmch-2020-000351.

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Health Behaviour Types – How Many Are Ready?

Living in health

tight
personal relationships



regisegeknek.cafeblog.hu

Functional health planning
Wide range of health competencies
Online transactions

Health trendy

medium
personal relationships



dagadtkocsog.hu

Community
Emotional and image identity
Avoid medical services

Procrastinator

moderate
personal relationships



nlcafe.hu

Gap between knowledge and action
Little efforts, quick gains
Tranquility is expected

Absent

minimal
personal relationships



timegoesby.blog.hu

Learned helplessness
Health messages arouse resistance
Anxious about having any malady

↑
**Strength of
Social
Network
=
Power to
Act**

Source: Lantos, 2012,
Cecchini 2013

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From Data to Health Value

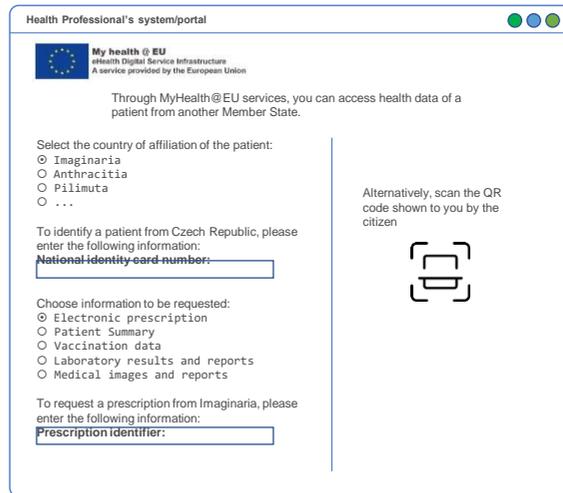


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EUDI Wallet - ePrescription



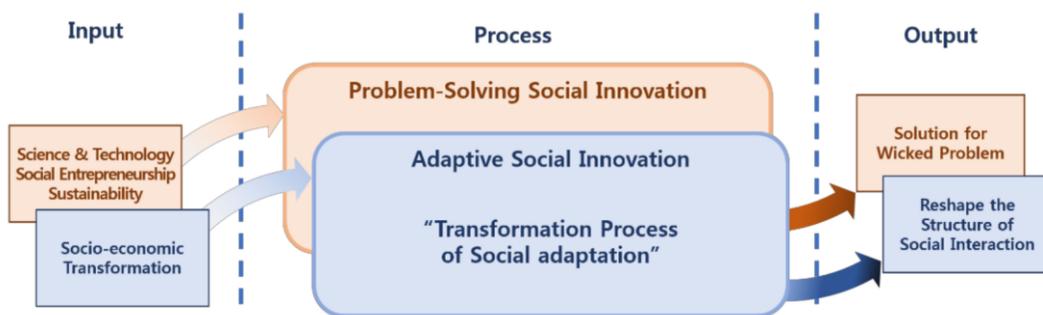
As seen by the citizen



As seen by the HCP

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Solving a Wicked Problem Requires Social Innovation



Source: Cho, M.-H.; Yi, C.-G. Adaptive Social Innovation Derived from Digital Economy and Its Impact on Society and Policy. *Sustainability* 2022,14,3408. <https://doi.org/10.3390/su14063408>

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Navigating the Health Data Wilderness in the Dawn of the Data Age

Data Value Chain White Paper

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