Standards and Interoperability
An eHealth stakeholder Contribution

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eStandards Roadmap

• **Trust and Flow:** the basis of well-functioning health systems

• **eStandards Compass:** Respect for perspectives of stakeholders

• eStandards Roadmap Components: reusing eHealth artefacts

• Co-Creation, Governance, Alignment: bringing them all together
**eStandards Roadmap**

- Trust and Flow: the basis of well-functioning health systems
- eStandards Compass: Respect for perspectives of stakeholders

**eStandards Roadmap Components**: reusing eHealth artefacts

**Co-creation, Governance, Alignment**: bringing them all together
Putting it all together in the eStandards roadmap

**eStandards Compass** of four perspectives to identify the actors from across the healthcare spectrum who may have an interest in the way in which standards-based solutions are used.

Develop appropriate **ways of educating stakeholders** about the value of standards and develop suitable ways of collecting and using their needs.

Assess the **Use Cases, Roadmap Components, and standardised artefacts** that already exist, anticipate change, and critically assess the extent to which they drive trust and flow of data.

Develop a **co-creation-governance-alignment** process:

- Develop tools for **co-creation**, look beyond the usual players to identify fields where lessons may be learned and find stimulating ways of drawing players together.

- Examine the validity of the **governance** frameworks on which an organisation is built and run. If these are no longer fit for purpose, challenge them and seek to adapt rules to fit needs and capacity in dynamic flexible ways.

- Engage in a constant flow of **alignment**, where the parties in co-creation are adapted to fit need, where governance structures are challenged and where new models of alignment can be embraced.
Roadmap methodology

To build, nurture and maintain trust in data

To facilitate a dynamic flow of data

Identification of Needs

Standardised Artefacts

Actions to be taken

eStandards Final Review - Outline of the overall achievements
Recommendations

• Identify keystone projects at a grass-roots level within the Member States
  • take into account the full range of stakeholders across the eStandards Compass, directly involving citizens as patients and informal caregivers.

• Support these keystone projects in their use of eStandards through a network of expertise,
  • building upon local collaboration across the national member bodies of Standards Developing Organisations, national eHealth competency centres, and eHealth stakeholders

• Outreach and invest in education on eStandards
  • at a national level to strengthen the network of expertise and its linkage to European and global eStandards communities.

• Give substance to a European platform representing
  • eStandards Developing Organisations, national eHealth competency centres, and stakeholders
Digitization in the Emergency Department: A harsh and complex collaborative decision environment

- High decision density
- Decision fatigue
- Throughput pressure
- Wide range of illnesses
- Diagnostic Uncertainty
- Narrow time windows
- Interruptions and distractions
- Shift work/sleep disruption
- Shift changes
  - cognitive decline at the end of a shift 30%

- Diagnostic Error in ED
  - Radiology 5%
  - Missed injuries 12%
  - Cardiovascular 19%
  - Respiratory 30%
- Overall ~16%

It’s not about what we know, it’s about how we think!

Source: Dr. Pat Croskerry, Emergency London; https://www.youtube.com/watch?v=GFE6DS460oE
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