



eStandards Roadmap for the collaborative development of standards for large-scale eHealth Deployment

Health system	Workforce
Citizen	Market



eHealth
DSI



STARTUP
EUROPE



Health Informatics
TC251



SPMS
EPE
Serviços Partilhados do Ministério da Saúde

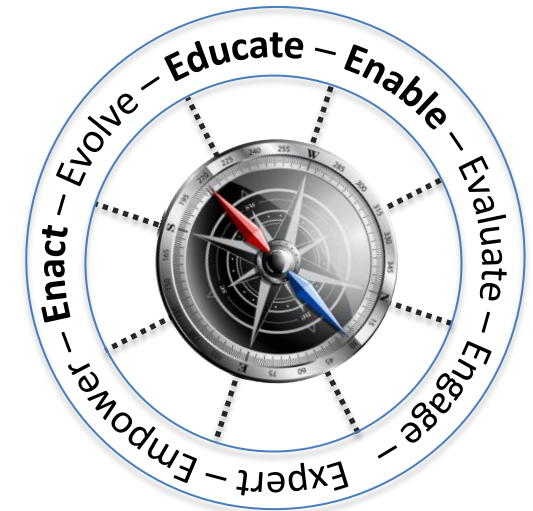
eStandards: eHealth Standards and Profiles in **Action** for Europe and Beyond

Vision of the global eHealth ecosystem for

- **people** to navigate the system and engage in safe and informed health care and for
- **interoperability assets fueling creativity, entrepreneurship, and innovation**

eStandards

- **nurture** digital health innovation
- **strengthen** Europe's voice & impact
- **enable** co-creation and trusted provider-user relationships



Introduction

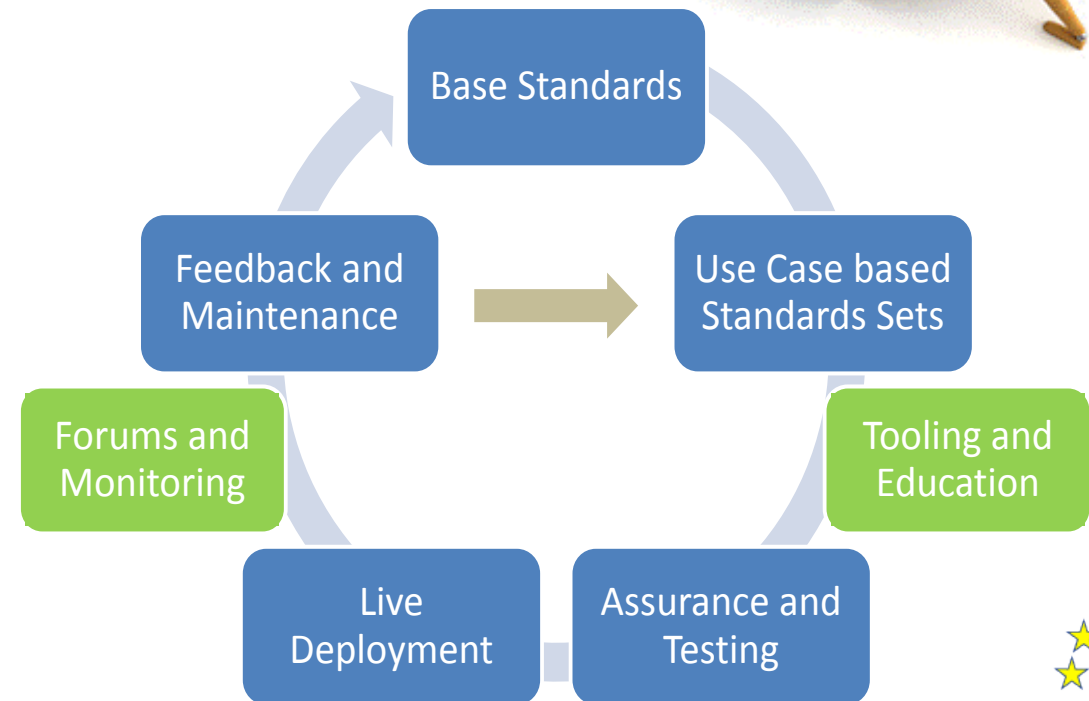
In the eStandards project (www.estandards-project.eu), standards developing organizations join up with eHealth stakeholders to build consensus on eHealth standards

- to create and adopt a Roadmap for alignment, iterative consolidation, and broad adoption of eStandards,
- to contribute to the eHealth European Interoperability Framework by resolving ambiguities & embedding quality management, and
- to explore the socio-economic aspects of interoperability standards.

How to do Standards for the Digital Age?

At a rapid pace of just-in-time disruption, Standards Developing Organizations need to cooperate

- to deliver quality, interoperability, and knowledge timely at an affordable cost.
- to look outside
- to listen to the users
- to rethink standards and tools that support their full lifecycle
- to deliver live eStandards



Areas calling for the collaborative use of standards

eStandards has developed recommendations in the following areas:

- Provide better linkage to **professional guidelines**
- Put more emphasis on **clinical information models**
- Accommodate a reliable mix of **patient and provider generated data**
- Provide more **regulatory clarity** on the use of standards
- Strive for coherence between **terminology initiatives**
- Facilitate compliant **localization and adaptation** of standards
- Provide **open access and open data tools** for deployment of standards
- Encourage the use of **standards sets in procurement**
- Put in place a **governance and maintenance process** for standards sets

Lifecycle of Standards

- **Health System – providers, government, and regulators**
 - ✓ Rules to abide by for sustaining and innovating the health system
 - ✓ Public health reporting and analysis
 - ✓ Communication and coordination across health systems
- **Workforce**
 - ✓ Communication and coordination of care
 - ✓ Dissemination and availability of knowledge (CDSS)
- **Citizens**
 - ✓ Active involvement in health maintenance and decisions
 - ✓ Navigating the health system (or systems) they are involved in
- **eHealth Market**
 - ✓ Creating opportunities for new health and IT services



Advancing Standards and Profiles

Today:

- Massive health data accumulated in silo EHR systems serving documentation purposes. We need to move from **passive** documentation to active use of information and knowledge creation: **activation!**
- Patient summaries defined at the macro level: cross-border exchange for emergency or unplanned care at a national level. Move to meso and micro level to address **communities** and **individuals**.
- Standards and profiles address a **predefined** exchange of information. Move to **flexible use** of available content and structure, recognizing the role of national, regional or local jurisdiction

Shaping the future:

- Focus on the top level: **systems of innovation**.

