



The X-eHealth Project - Background

X-eHealth aims to develop the basis for a workable, interoperable, secure & cross-border Electronic Health Record Exchange Format for...

- medical imaging
- laboratory results
- discharge letters
- rare diseases

The project contains **of eight work packages**

Timeframe: Aug. 2020 to Nov. 2022

Overall Project Goals

- Improving the quality & safety of healthcare for citizens by allowing them to access & manage their eHealth records anywhere in the EU
- EU-wide standardisation & harmonisation of eHealth services
- Facilitating interaction between patients & healthcare providers
- Contributing to the Digital Single Market Strategy of the European Commission, which is based on three pillars:



Citizens' secure access
to their health data,
also across borders



Personalised medicine
through shared European
data infrastructure



Citizen empowerment
with digital tools for user feedback
and person-centred care

Work Package 3: Evaluation of X-eHealth

Objectives

- Assessing whether X-eHealth is achieving its objectives & delivers tangible results
- Ensuring the sustainability and increasing visibility of the project

Methods & Workflow

- Establishment of a **Project-internal & Public Glossary** of standard eHealth concepts
- **Continuous Evaluation & Monitoring** of all WP using a logframe matrix & Key Performance Indicators (KPIs)
- Conduction of 18 interviews to **assess the impact of the project**

Interview target groups:

- Healthcare providers
- Citizens interested in eHDSI
- Decisionmakers

Main evaluation questions:

How successful was the project implementation?

What are the project's effects & impacts?

Results

Continuous Evaluation & Monitoring

- The majority of the KPIs were on track throughout the project.
- Delays in submissions were identified early, allowing to set respective containment measures in place.
- KPIs were adjusted & new ones were added to trace the project's objectives more accurately.

Impact Assessment via Interviews:

- High awareness & high acceptance of the x-eHealth use cases & specifications was detected.
- Sufficient resources, legal frameworks & national infrastructure are needed to increase the adoption of the new use cases.
- Participating in EU eHealth projects is considered beneficial for countries & organizations – particularly for smaller countries.
- Data security, user-friendliness & efficiency of services must be ensured.
- Implementing interoperability will lead to a faster access to safe & effective healthcare for patients.

Conclusion

- X-eHealth has produced the necessary foundations for the new use cases under the Common European Health Data Space.
- There is a desire for future projects stemming from X-eHealth. The demand for establishing a process to facilitate the secondary use of healthcare data is high.
- The impact of X-eHealth can be considered positive at most levels analysed. All stakeholders are convinced that X-eHealth can advance the integration process of eHealth services in Europe.
- Common standards & homogeneity in data collection & processing are preconditions for the European Health Data Space to succeed.