DECIPHER PCP – project
Second Major EAFIP Event on Innovation Procurement
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http://www.decipherpcp.eu/
ISSUE: worldwide Chronic Diseases (as CVD, stroke, cancer, respiratory diseases and diabetes) represent 63% of all deaths. Comorbidity is very common in case of chronic conditions.

GOAL: bring tangible benefits to patients by means of a step forward towards high-quality, safe, equitable, patient-centred healthcare throughout the EU.

TARGET:
- Diabetes Type 2 – progressively to be applied to rest of chronic conditions
- Citizens with active life requiring mobility within EU
Diabetes prevalence:
- Spain: 3M;
- UK: 3,2M;
- Italy: 3,1M;

(OECD, 2011)

Diabetes TOT DIRECT costs in 2010:
- Spain*: 5,4 billion Euros (36% non-diabetes drugs; 36% Inpatients)
- UK**: 20,2 billion Euros (15,2% non-diabetes drugs; 65,8% Inpatients)
- Italy***: 7,9 billion Euros (23% non-diabetes drugs; 57% Inpatients)


Highest expenditures:
70-80% due to non-diabetes drugs & inpatients

DECIPHER consortium estimates that the developed technologies could allow the procuring regions to save up to 24% of actual incurred direct costs, more than € 8 million

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Stakeholders

Co-funded by the European Union

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Functional Specifications

- To provide patients with:
  - The best instrument to increase treatment secondary adherence without discontinuity even when travelling, prevent complications and being prescribed with non-diabetes drugs, reduce avoidable hospitalizations and A&E visits.*
  - A complete summary of their health record that can be made available anytime and anywhere to the healthcare professionals in case of unplanned care

Procurement Procedure
In total 16 bids submitted by 22 organizations from 7 countries.
Phase 1: Solution Design
Phase 2: Prototype Development

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Results for Phase 3: Proof of Concept

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Lessons Learnt I: Procurers & Experts

- **NEED**: Defined in advance, taking into account the existing service system
- Procuring organizations’ DRIVERS AND BENEFITS also relate to a learning experience about PCP and mHealth.
- The BUSINESS CASE is a necessary tool.
- A COMMON UNDERSTANDING of the existing healthcare ICT infrastructure is important.
- PCP as an INSTRUMENT for flexible, simplified and smooth adoption of novel services.
Lessons Learnt II: Suppliers

• BENEFITS:
  – Better understanding of the procurers needs
  – SMEs more CONFIDENT to handle competition on an EU scale.
  – Concrete information on the service strategies and existing ICT infrastructure of the public procurers -> services in shorter time.

• CHALLENGE: Integration of different systems of different healthcare backgrounds.

• Participation of private healthcare providers and insurance companies to the PCP process is welcome.
Thank you for your attention!
Decipher PCP Project: Experience from Gnomon Informatics SA, Greece
Dr. Alexander Berler
Vision

To become a European leader in healthcare interoperability and cross border healthcare.

To be the preferred partner that provides reliable and competitive e-health IT solutions and services to increase data accuracy, efficiency and reduce operation expenses.

To partner with international industry leaders as an expert in e-health IT and related e-services.

Gnomon Informatics was established in 1994. The Company is headquartered in Northern Greece, Thessaloniki with offices in Athens and Cyprus.

Gnomon Informatics is a proud member of IHE.
The OpenDecipher Approach
PCP procedure provide **adequate** support for prototype creation in domains where feasibility and future prospects are not clearly defined

- **Acceleration** process
- Increases financial **viability**
- Reduces implementation risks

Contracting authority ensured **equity** amongst participants

- Transparency
- Trust

PCP Process dramatically increases prototype **maturity** level.

Reference implementations from VTT were **highly supportive** to understand the minimum implementation requirements

PCP procedure **timeline** could be improved

Having **access** to the end users / reference sites would be an asset in defining clearer end user needs

eHealth is highly dependent on **interoperability**

- Use case definition would improve the process
- Consensus building is essential
- End user assessment is critical

Some PCP processes were inherited from **public procurement** rules thus creating a “china wall” between prototype developers and real needs

**Testing** services need to be included to increase acceptance
Future developments

• OpenDecipher has a strong focus on **standards** adoption (HL7, IHE, etc)
  – Increase **geographical** expansion
  – Provide product/service **sustainability**
  – Adhere to **testing/certification** processes
    • Patient safety
    • Health technology assessment

• OpenDecipher has a business model based on **open source**
  – Provide end **value added services** instead of packaged software products
  – New revenue and **funding models** are made possible
  – **Collaboration of public and private** sector in harmony and best interest for all

• **Compatibility** with ehealthDSI (epSOS) and eID DSI (STORK) from CEF implementation
  – New **cross border** healthcare processes made possible
  – **Semantic** interoperability remains an issue
  – New **uses cases** for the reuse of common IT infrastructures across Europe
  – The “**Healthcare Roaming**” Era has started
Thank You!

For More Information

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“The best way to predict the future is to invent it.”
Alan Kay