



UNWIREDHealth

Market Consultation



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- Overview of UNWIRED HEALTH & procurement objectives
- Description of UNWIRED HEALTH Pre-Commercial Procurement process
- Description of UNWIRED HEALTH functionalities and IT challenges
- Round table with UNWIRED HEALTH procuring authorities
- UNWIRED HEALTH market consultation process
- Questions and answers with the audience

Agenda

Overview of UNWIRED HEALTH & procurement objectives



TicSalut

Tecnologia, innovació i salut



IHE

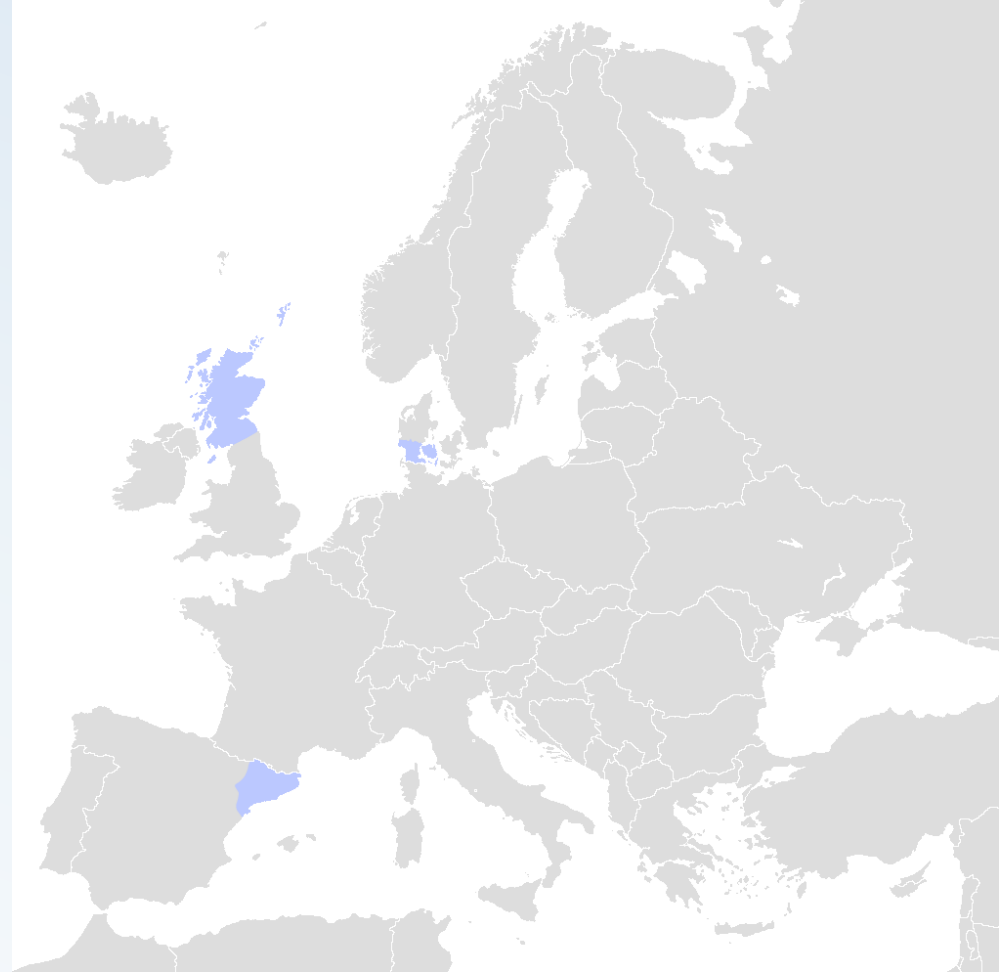
Integrating
the Healthcare
Enterprise



Continua[®]
HEALTH ALLIANCE



Agència de Qualitat i
Avaluació Sanitàries de Catalunya



Unwired Health Consortium



UNWIREDHealth



- FP7-ICT-2013-10: Personalised health, active ageing, and independent living
- To develop mobile eHealth services to empower patients accessing their data everywhere, enabling patient-centric care and motivating patients to assume responsibility for their health
- The solution will also act as decision support systems for clinicians
- To explore new approaches in health service redesign, including care pathways, organisational models and business models

Unwired Health procurement objectives

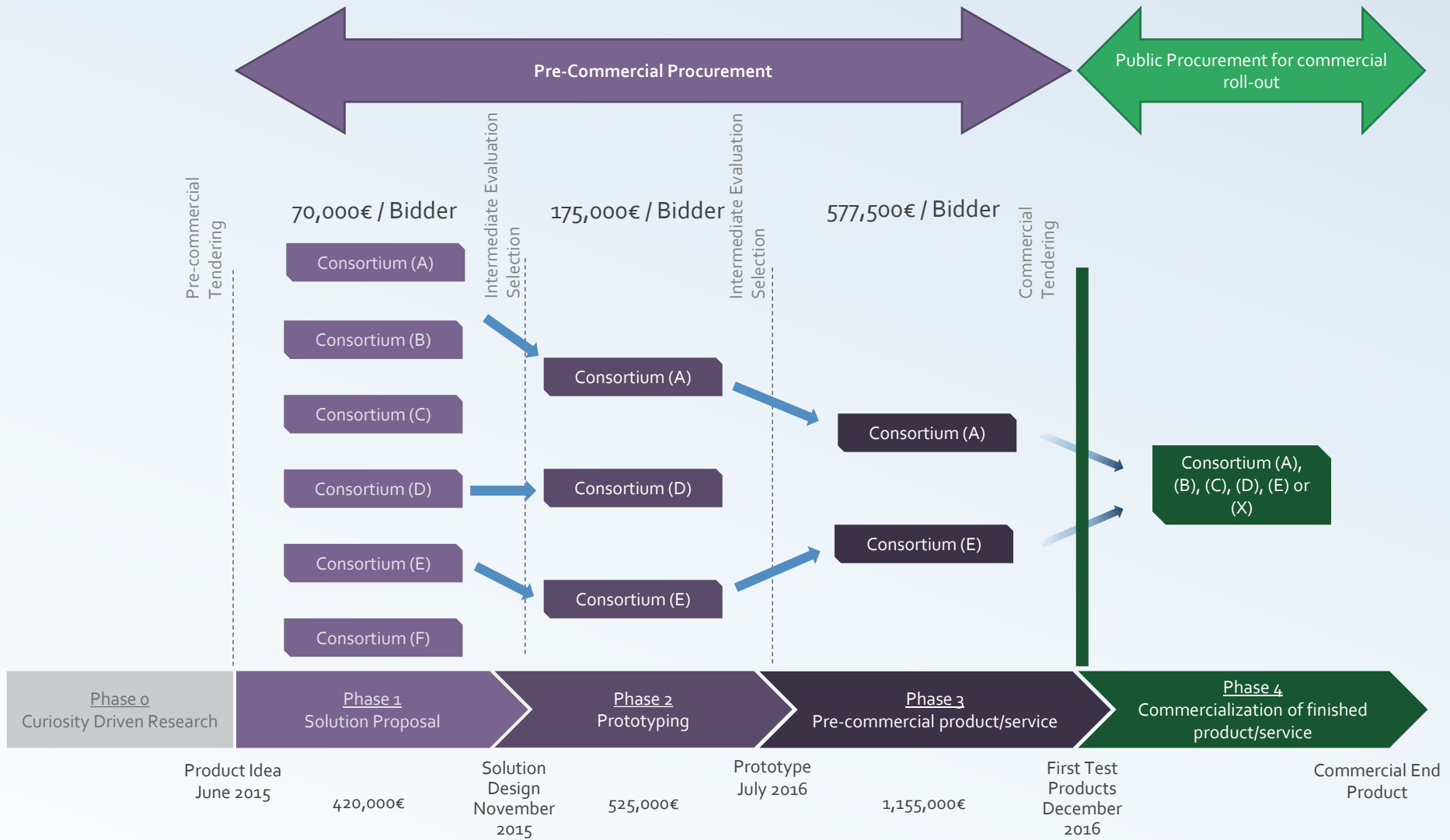
- Generation of a new mHealth system for Heart Failure (HF) management
- Considering the needs of both clinicians and patients, looking for the most convenient tools to improve the monitoring of HF patients
- The system must be secure, interoperable and fully integrated with the technological systems of health care providers and with the care coordination platforms (either local, regional or national level).

Unwired Health General Challenge

- Public authorities identify actual and future needs
- Public authorities agree to fund partially the development of solutions that solve their needs
- Cooperate with the industry to define the challenge to be solved
- The industry presents in a competitive process possible solutions
- The industry receives funds to research and develop the new solutions
- The industry receives the exploitation rights and should be capable of generating a commercial solution

Pre-Commercial Procurement A tool to procure R&D services

Description of UNWIRED HEALTH Pre-Commercial Procurement process



Unwired Health PCP process



- Solution proposal
- Pre-Commercial Tender
- Tender open for 2 months
- Open process to any organisation or consortium
- No budget

- Design phase
- 3 months of duration
- Maximum of 6 participants
- 70.000€ of budget per participant

- Prototype of the solution
- 6 months of duration
- Maximum of 3 participants
- 175.000€ of budget per participant
- 245.000€ of accumulated budget per participant

- Testing and proof of concept of the solution
- 9 months of duration
- Maximum of 2 participants
- 577.500€ of budget per participant
- 822.500€ of accumulated budget per participant



- Administrative evaluation
- Technical evaluation
- Economic evaluation

- Phase monitoring
- Interim assessment
- Technical evaluation
- Economical evaluation

- Phase monitoring
- Interim assessment
- Technical evaluation
- Economical evaluation

- Phase monitoring
- Interim assessment
- Technical review

Unwired Health PCP phases



- Technical requirements: minimum R&D experience of the company or of the team, to be proved flexibly
- Financial requirements: availability to invest a certain amount of money during the procedure, to be proved flexibly
- Bidders as a consortia: More flexibility and more chances for SMEs to access to further phases of the procedure, exploring and exploiting synergies
- IPR
 - The Supplying bidders are assigned with the exploitation of the IPRs generated during the PCP Procedure (essential incentive for bidders)
 - The Procuring authorities are assigned with an irrevocable, unlimited, worldwide, fully paid-up, royalty-free, non-exclusive license to use and exploit such IPR
 - Exclusively for their internal purposes and public missions, allowing the issuing of sublicenses in equal, unrestricted terms and just for the internal purposes abovementioned.
 - Call-back provision: to ensure IPRs from Bidders that do not succeed to exploit the IPRs by themselves within a certain period of time to be determined are returned back to the Procuring Authorities

Unwired Health Legal Issues

Description of UNWIRED HEALTH functionalities and IT challenges

Communication interface [EHR-PHR]

Care coordination

Patient self-management

Role management

Care Plan management

Appointment management

Care support

Remote monitoring

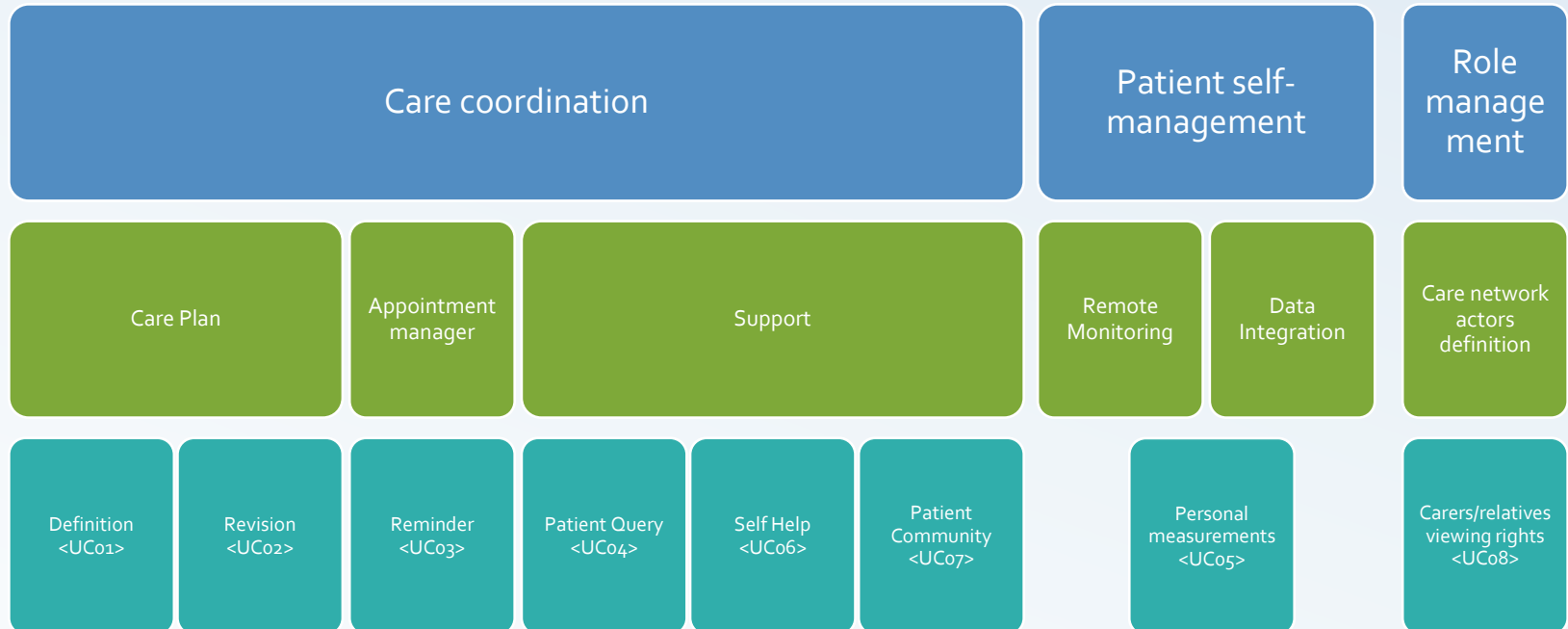
Data integration

Care network actors definition

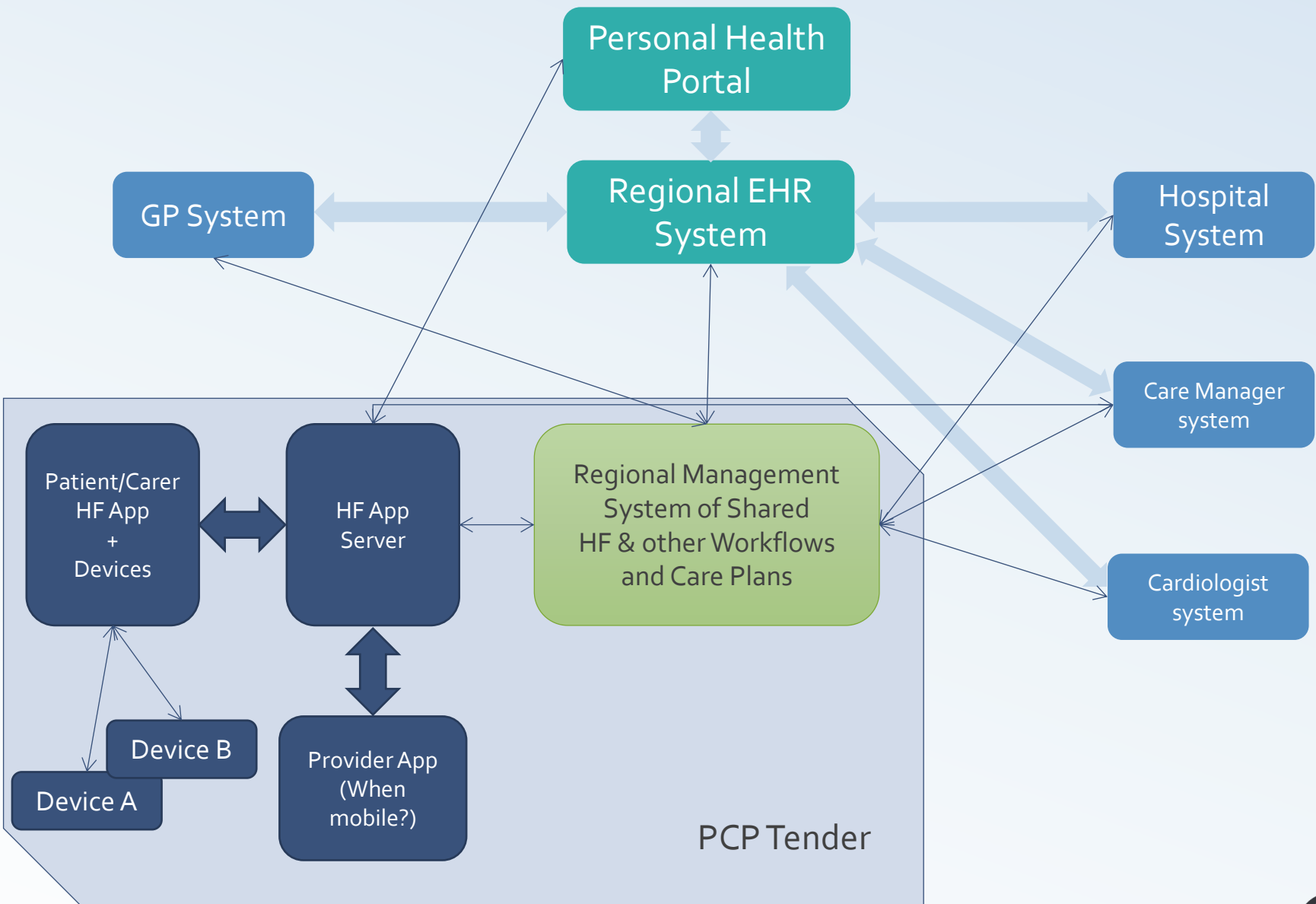
UNWIRED HEALTH functionalities



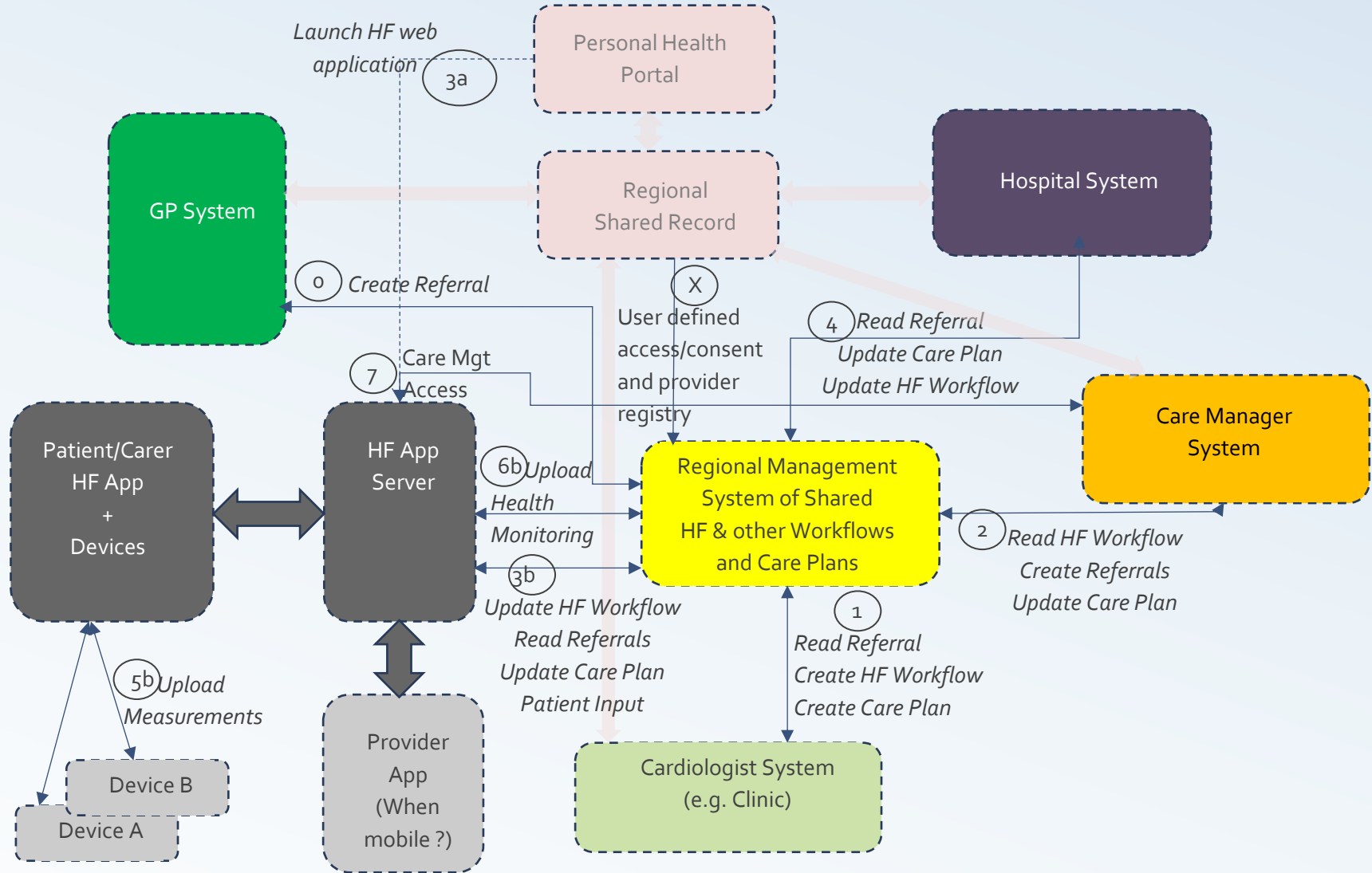
Communication interface [EHR-PHR]



UNWIRED HEALTH functionalities and use cases



Unwired Health Architecture

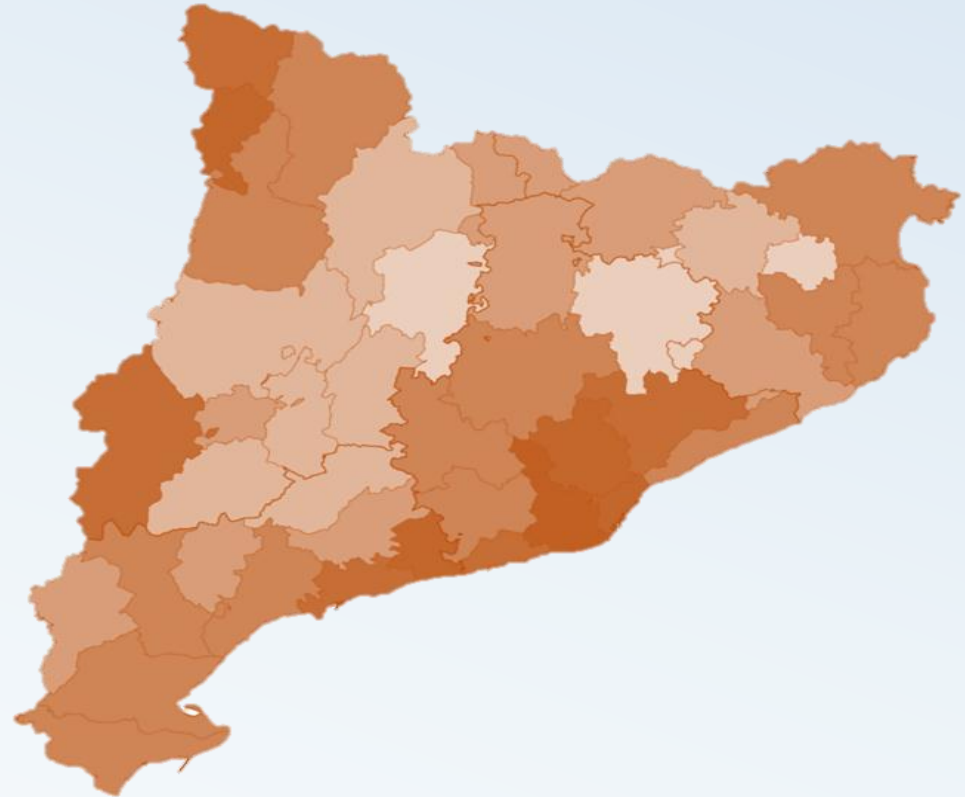


UNWIRED HEALTH Interfaces

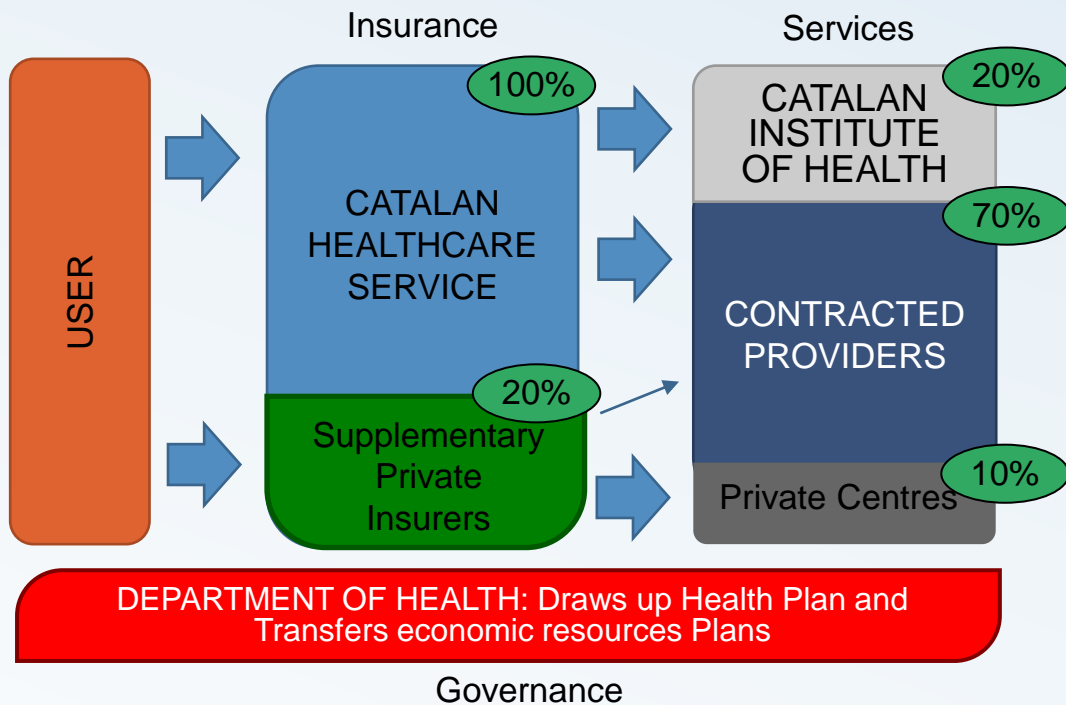


Round table with UNWIRED HEALTH procuring authorities: Catalonia

- The Catalan healthcare model is a multi-provider one integrated in a unique public network.
- It enhances the autonomous management of each provider.
- Providers are free to select their information systems; however 85% of the primary care centers have the same system (eCAP)
- Interoperability among systems must be guaranteed.



Health care system in Catalonia



- ✓ The history of the Catalan healthcare system, made it highly fragmented at a healthcare supply level:
 - Around 80% of the specialized care and around the 20% of the primary care is provided by suppliers not belonging to the Department of Health
- ✓ Inexistent common Information System for all the healthcare suppliers due to the healthcare system diversification

Health Care provision organisation

There are two key elements to develop ICT according to the objectives of the Health plan:

Shared Medical Record of Catalonia (Regional EHR-S)

As an information and services network



- Allows **organized access to relevant information** of different centers health records and to some central databases of the health system.
- The EHR is a collection of the most relevant clinical information of the patients to ensure the continuity of care; it does not incorporate all the information available at the HIS but most of it is shared through the EHR system.

Personal Health Channel (Regional PHR-S)



Deployment of a **multichannel network** to communicate and **interact** with the citizen

- **The citizen is the owner** of the data contained in its medical record
- He will have access to its health information available in its electronic Health Record

Regional IT systems for Health



The Shared Medical Record is a virtual space to group together the documents about patient's healthcare process.

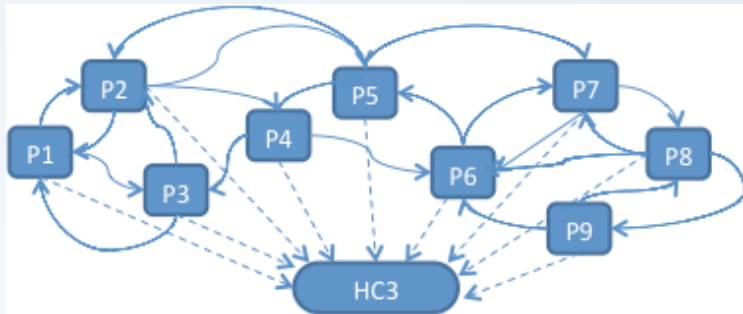


Shared Medical Record - Definition



Actual model

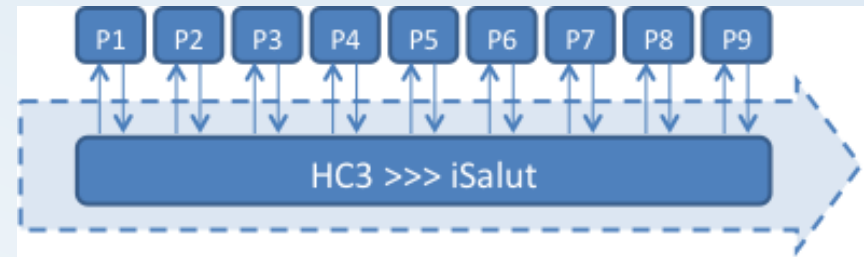
Different connections between providers, SMR as a repository to share information.



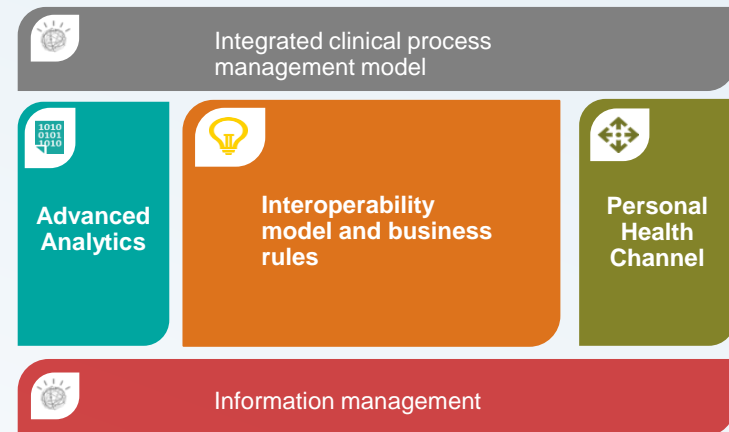
Integration Health Data

New Model

Communications platform standards compliant, using iSalut as a network of information services.



With platforms to integrate health and social care.



Shared Medical Record Evolution



Canal Personal
de Salut

Folder

- Information
- Digital certificate
- Documents

Channel

- Communication
- Robust password
- Services



Informació
clínica



Medicació



Voluntats
anticipades



Tràmits



Els meus
controls



Comunica't



Apps
de salut



Agenda

Personal Health Channel Evolution



- Is the Unwired Health scope and functional proposal in line with the Industry R&D pathway?
- Does the Unwired Health PCP framework fit the Industry needs for a PPP?
- Is the Unwired Health timeframe and budget in line with the requested challenge?

UNWIRED HEALTH market consultation process



UNWIREDHealth



- Market Sounding consultation questionnaire
Available at:
www.unwiredhealth.eu/content/market-sounding-consultation

Questions and answers with the audience

Thank you

For any question please contact us at
unwiredhealth@ticsalut.cat

