Galician innovation system, contribution for a healthy and active ageing

European Innovation Partnership on Active *& Healthy Ageing: Opportunity for Regions*

Manuel Varela Rey, 9 October 2012 Brussels

XUNTA DE GALICIA

SERVIZO GALEGO de SAÚDE

MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

UNIÓN EUROPEA

FONDO EUROPEO DE DESENVOLVEMENTO REXIONAL
"Unha maneira de facer Europa"

Indice

1. Introduction

2. Galicia´s leading in ICT use

3. Regional innovation system

4. EIP on AHA

5. Health innovation strategy in Galicia (H2050 & Innova Saúde projects)

Introduction

Regional profile

- Gross Regional Product of 14,3 billion Euro
- 2.778.913 inhabitants of which have more than 65 years 22,9 % (A Coruña 40%)
- Aging index: 295,3
- Unemployment rate: 21.5% (2012)

The region contains 315 municipalities, 493 health centers and 14 hospitals

We are making one strategy integrated of vision on innovation.

Strengthen Regional Competitiveness to reach Excellence

Integrative approach

•Smart Specialization of regions

•Future oriented further development of existing know-how within the region.

• Combining infrastructure development and soft meassures.

•Foster willingness to collaborate and innovation capacity of companies.

•Basis for European Excellence

EU

Excellence, R&D projects (7 FP), EIP

National Innovation System (Spain)

Lead R&D projects, Competence Centres, financial support (Technology Fund- ERDF)

Regional Innovation System (Galicia)

Infrastructure, support services for technology transfer & innovation capacity, financial support (ERDF- 2007-2013)

Regional Innovation System

•**Galician Agency for Innovation**

Agency responsible for technology policy in Galicia (Plan i2=c)
Fund management Galicia ERDF Operational Programme 2007-2013. Axis 1: "Development of the knowledge economy (R&D&I, information society and ICT)

•**Galician Health Cluster**

Created in 2011, works in the field of health innovation to the health of a "job engine" and "economic empowerment.“It consists of 34 companies and 1 technological centre.

•**Healthcare Innovation Platform**

Created in 2010.Within the activity of the innovation platform is the opportunity to launch two innovative projects: H2050 and Innova Saúde.

Platform continues to work on other projects and in stimulating ideas. Is open innovation a channel that takes initiatives and needs of professionals and explore funding sources, including PSP ICT, FP7 and other EU aid 2007-2013 and 2014-2020

Health innovation strategy in Galicia

Health services mature systems management develop Research and Innovation and become wealth generators and improvements through new products and services

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- **Health priorities plan**
- **Sergas 2014 strategy**

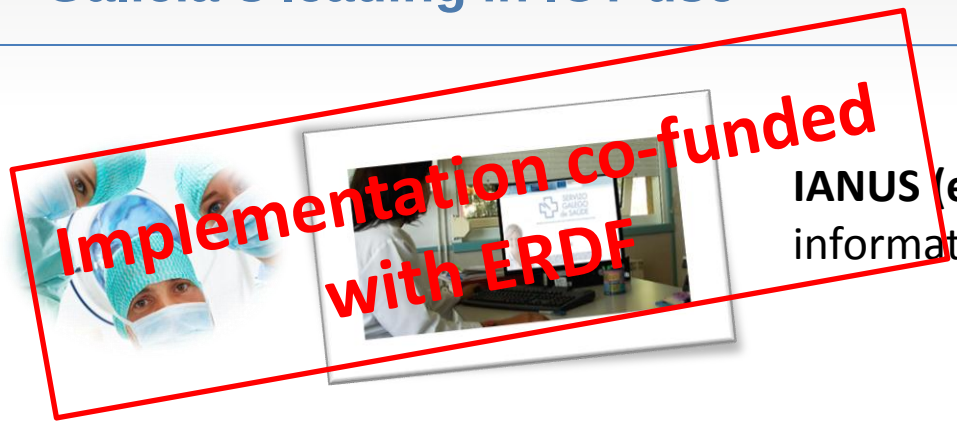
Innovative elements identified:

- A new organizational model
- More personalized medicine Information systems of flexible and efficient
- A boost to telemedicine and information technology and communication
- A boost to the effective participation of professionals and citizens

Healthcare Innovation Platform

Open Innovation

Galicia´s leading in ICT use



IANUS (electronic medical record) makes clinical information available to **36.000** healthcare professionals

ePrescription model

Primary Care ePrescriptions

Secondary Care ePrescriptions

Sergas Platform

- DB for electronic Prescriptions and Dispensation info
- DB Drugs Catalogue
- DB Authorized Prescriptors

Pharmacy Platform

- DB Billing
- DB of Authorized Pharmacists

Web 2.0

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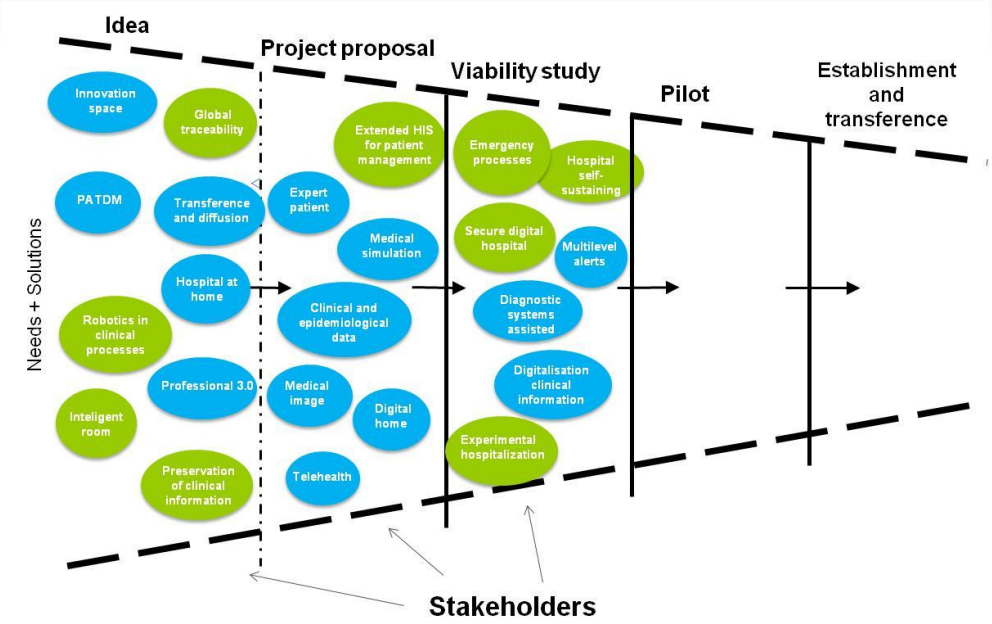
EIP on AHA (European Innovation Partnership on Active and Healthy Ageing)

http://ec.europa.eu/research/innovation-union/index_en.cfm?section=active-healthy-ageing

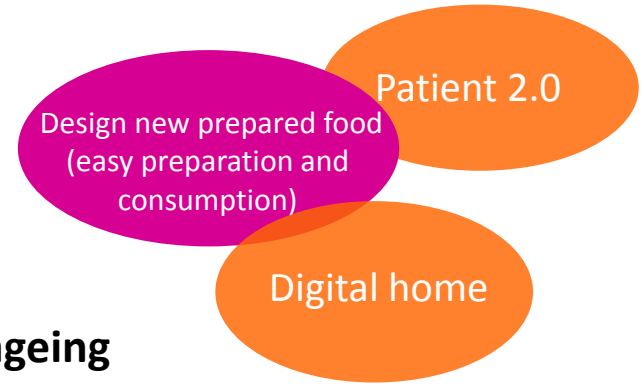
- **Objective:** Innovation for an active and healthy aging: health and wellness initiatives.
- **European initiative where end users** (professionals and citizens), government (EU, national and regional) and industry (including SMEs):

✓identify barriers
✓mobilize resources
✓define joint action plans

Connection EIP on AHA and SERGAS



Health innovation platform



Active and healthy ageing

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Connection EIP on AHA and SERGAS

Prevention, screening & early diagnosis

A1.

- Prescription and adherence
- Expert Patient 2.0 (Galician School of Health for Citizens)
- Patients´ advisory council

A2.

- Falls prevention initiative

A3.

- Prescription and adherence
- Impact of nutritional and physical status lives of the older people
- Program of care to the nutritional
- The nutritional status of Galician people over 65 years
- Living people platform

Care & cure

B1.

- Polypharmacy project

B3.

- Hospital at home
- New HIS 2050. Patients integral management system
- Digital home

Active agein & independent living

C2.

- OMNI project (telecare system for older people through television)

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Active agein & independent living

H2050 and Innova-saúde projects

The H2050 e Innova Saúde projects

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Healthcare Innovation Platform

Project Definition (2011)

H2050

innova saúde

Main features

- The projects are defined in an **agreement with the Ministry of Economy and Competitiveness** where SERGAS is the beneficiary of a grant funded with **Regional Development Funds**, within the Operational R&D&i Plan – Technological Fund 2007-2013.
- In both cases the agreement encompasses **plans of health care innovation where private enterprises are involved in solutions development** through mechanisms of **public Procurement of Innovation (CPI)** as a tool for promoting R&D&i in the enterprises and within the model of **Open Innovation** promoted by SERGAS
- **Patients and Professionals will be the key players**, participating in the planning, execution and evaluation phase of the projects.

Project goals

Goals Innova Saúde

- PATIENT CENTERED CARE
- SAFE and AGILE CARE
- SMART CARE

Goals H2050

- A SAFE HOSPITAL
- A GREEN HOSPITAL
- A SUSTAINABLE AND EFFICIENT HOSPITAL
- AN OPEN HOSPITAL

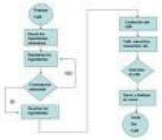
Total Budget

The total **90 M€** include:

- SERGAS personnel costs

- Investments in equipment and infrastructure

- Technological developments and process improvements



The 20% of the total budget (18 M€) should be earmarked for innovative public procurement (IPP)

The 21% H2050 in the project and 20% in the project IS