AMETIC

- A DIGITAL WORLD

AMETIC IN A NUTSHELL

INTERNATIONAL TRADE

R&D AND SINGULAR PROJECTS

IDEASpain   e-HEALTH

Who we are

- ✓ **AMETIC** is the Spanish Multisectorial Trade Association for Electronics, Information and Communications Technologies, Telecommunications and Digital Contents Industries.

- ✓ The result of the merger, in 2011, between **ASIMELEC and AETIC**.

- ✓ Its main goal is the promotion and support of the ICT, digital contents, consumer electronics industry in Spain by advocating the common interests of its members.

- ✓ AMETIC represents over 5,000 companies from the ICT hypersector, which directly employ 400,000 workers; generating a turnover of about 9,000 million Euros and its revenues account for almost 6% of Spain's GDP.

Sectorial areas represented

ELECTRONIC SECTOR

- *Consumer Electronics*
- *Electronic Components*
- *Professional Area & Broadcasting*
- *Batteries and Accumulators*

ICT SECTOR

- *Information Technologies*
- *Telecommunication's Industries*
- *Digital Print Technologies*
- *Call and Contact Center Technologies*

TELECOMMUNICATION AND INTERNET SERVICES

- *Telecommunication Services Operators/ supliers*
- *Internet Services Supliers*

DIGITAL CONTENTS

Our Services

1. R&D
2. Internationalization and Trade Commerce
3. Information and Data Management
4. Marketing and Promotion
5. Professional Training
6. Funding Programmes
7. Development of Strategic and Collaboration Projects
8. Legal Advice
9. Agreements with other Entities
10. Environmental and Sustainability Management
11. Foundation for the Transfer of Knowledge

International trade

CONSULTING SERVICES

- Individual Counseling
- Commercial Information on International Markets
- Risk Coverage
- Exports Financing (Guide)

INFORMATION SERVICES

- International Tender Newsletter
- International Trade Library
- Information on Trade Fairs

INTERNATIONAL PROMOTION ACTIONS

- Trade Missions (direct & indirect)
- International Trade Fairs
- Technical Seminars
- Business Forums

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Funding Programmes

✓ Providing member companies with the relevant information on public programmes, improving their access to funding sources for the development and execution of their projects.

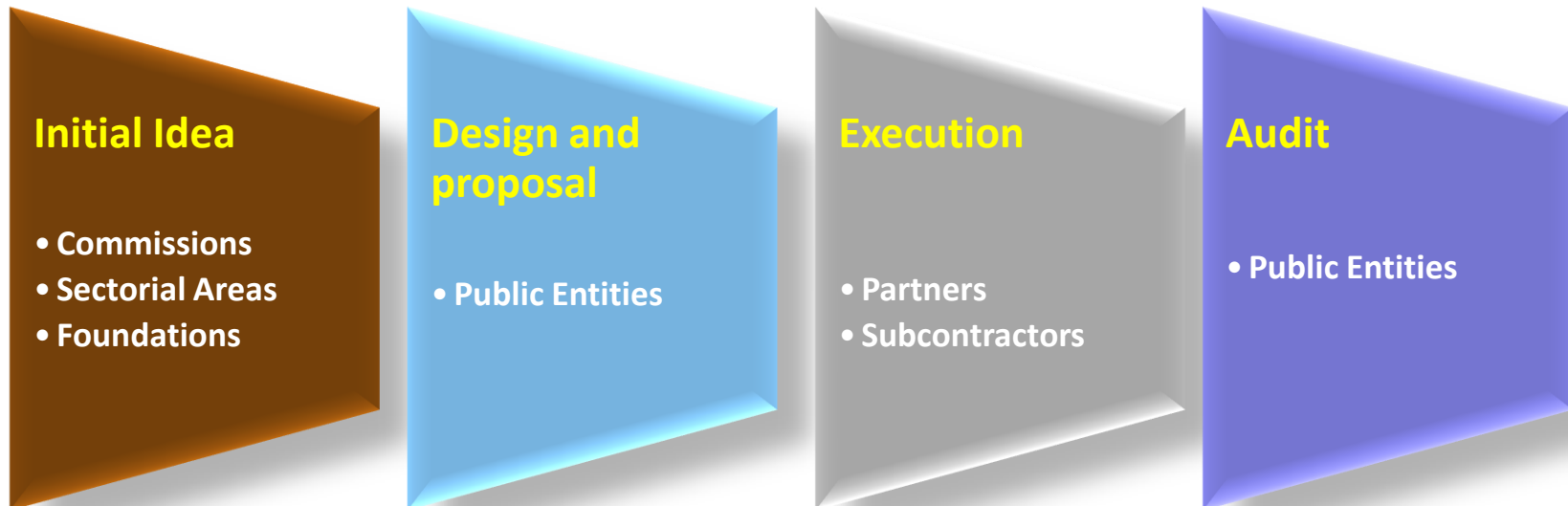| International	• International Cooperation Organisations and Programmes
European Union	• European Commission
National	• Ministries(MITYC, MICINN) • Public Entities (red.es, …)
Local	• City Halls • Regional Governments

Development of Strategic and Cooperation Projects

✓ Conceiving and undertaking projects co-funded by Public Entities, as well as providing advice for their execution.

✓ Detecting necessities and opportunities from within the Commissions, the Sectorial Areas and the environmental and knowledge transfer Foundations.

Initial Idea

- Commissions
- Sectorial Areas
- Foundations

Design and proposal

- Public Entities

Execution

- Partners
- Subcontractors

Audit

- Public Entities

Research & Development

- ✓ To make the access to R&D funding sources easier
- ✓ To promote the participation in R&D programmes
- ✓ Promote the creation of consortium for the development of collaboration R&D projects.
- ✓ Pre-evaluation of proposals
- ✓ Certification of R&D activities
- ✓ Protection of innovation results
- ✓ Technology transfer Office

Research & Development
ICT Technology Platforms

Digital Content

http://ptcd.asimelec.es   *ptcd@ametic.es*

Satellite Communications

www.idi.aetic.es/eisi   *eisi@aetic.es*

Wireless Communications

www.idi.aetic.es/emov   *emov@aetic.es*

Networked Technologies

www.idi.aetic.es/enem   *enem@aetic.es*

Trust and Security

www.idi.aetic.es/esec   *esec@aetic.es*

Research & Development
ICT Technology Platforms

Future Internet

www.idi.aetic.es/esinternet   *esinternet@aetic.es*

Health, Well-being and Social Cohesion

www.idi.aetic.es/evia   *evia@aetic.es*

Green ICT

http://ptgreentic.asimelec.es   *ptgreentic@ametic.es*

Digital Home

http://pthd.asimelec.es   *pthd@ametic.es*

Research & Development
Technology Platforms - Other sectors

Turism

http://www.thinktur.org   *thinktur @aetic.es*

Water

http://www.plataformaagua.org   *ptagua @aetic.es*

Technology Platforms supported and co-funded by

GOBIERNO DE ESPAÑA
MINISTERIO DE INDUSTRIA, TURISMO Y COMERCIO

GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA E INNOVACIÓN

FONDO EUROPEO DE DESARROLLO REGIONAL
"Una manera de hacer Europa"

CDTI

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INTERNATIONAL DEVELOPMENT
E ADMINISTRATION SPAIN

QUALITY AND INNOVATION E HEALTH ENTEPRENEURIAL AND PUBLIC EXPERIENCE

españa, technology for life.

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OECD ranking (top 5)

- Lowest breast cancer mortality rate
- Life expectancy at birth
- Accidental death
- Lowest ischemic heart disease mortality rate
- Life expectancy/income expenditure per capita
- Lowest malignant tumour mortality rate
- Lowest myocardial infarction mortality rate

OECD ranking (top 10)

- Lowest rate of potential years of life lost (PYLL)
- Lowest prostrate cancer mortality rate
- Comprehensive approach to palliative care
- Lowest cerebrovascular disease (CVD) mortality rate
- Lowest infant mortality rate

Implementation 95%

Digital Medical Records in Primary Care

Comprehensive approach to gender-based violence

Total expenditure on health, % GDP

Spain 8,5 Vs EE.UU 16

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High performance in related quality-cost indicators

Life expectancy at birth and GDP per capita, 2005

Life expectancy at birth and health spending per capita, 2005

Source: Health at a Glance 2007: OECD Indicators

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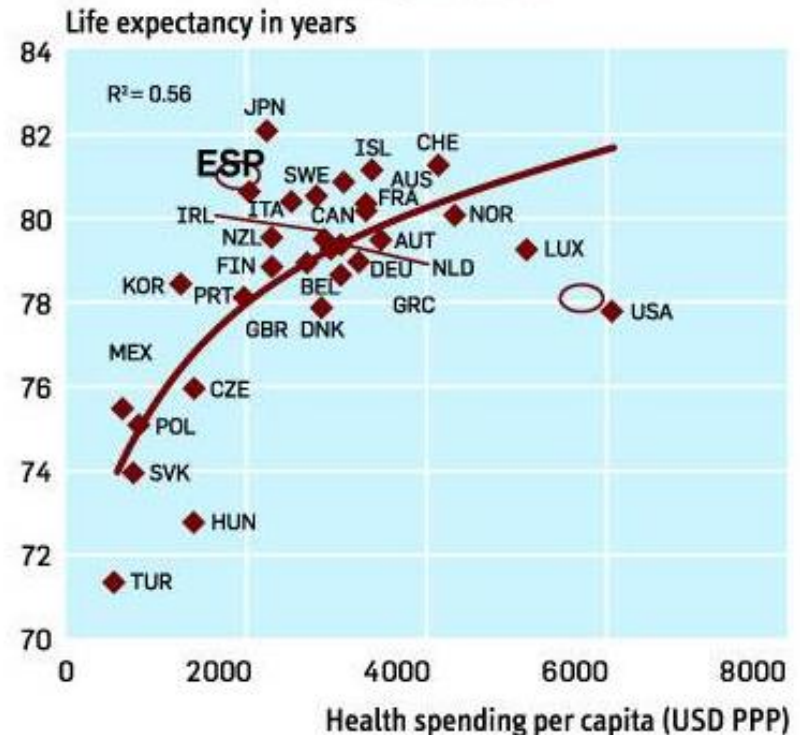
Digital medical record in health centres and population covered. National Health System 2009

Population with Health Card

39,952,735

100 %
90 %
80 %
70 %
60 %
50 %
40 %
30 %
20 %
10 %
0 %

100%

98.8%

Population with health card registered at health centres

Primary care EHR software

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Development of electronic health records in Spain. SNS 2006/2009
97% EHR in Primary care   70% in Hospitals
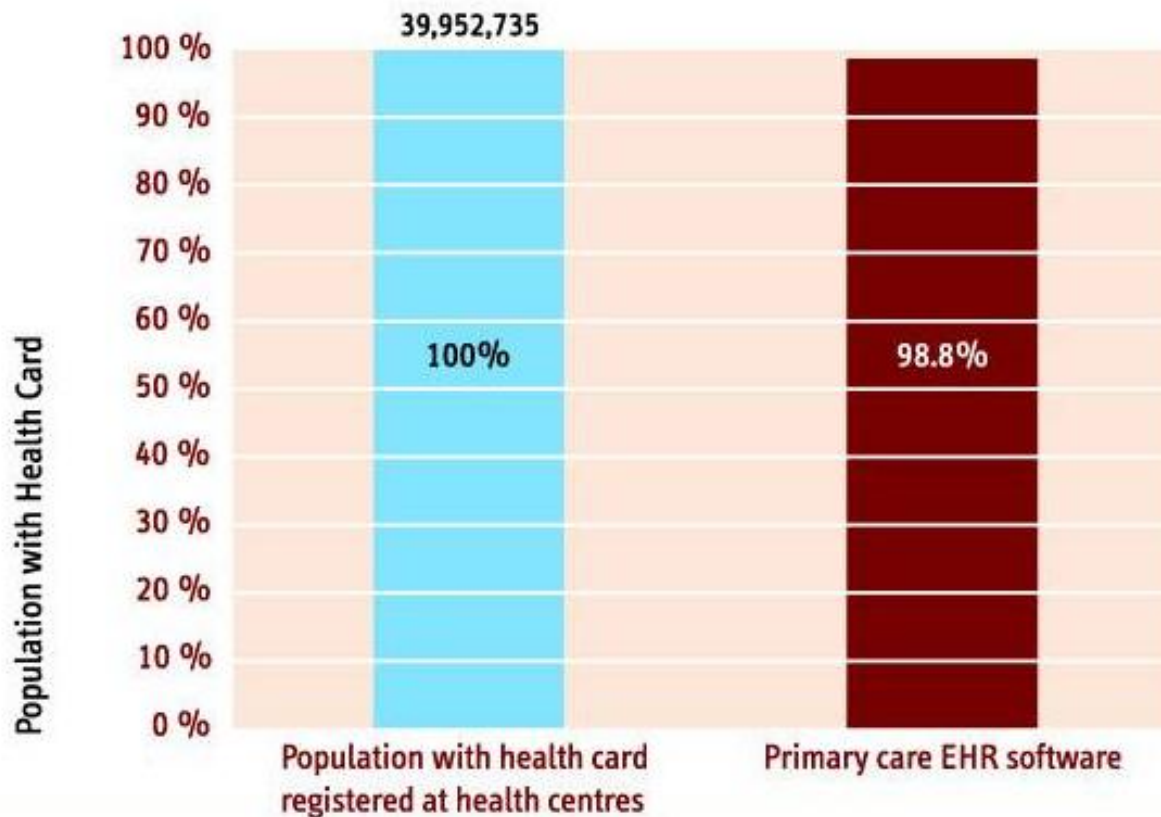
Snapshot 2006

Snapshot 2009

| | Implemented | | Ongoing | | Pilot | | Forecasted | | Not forecasted |

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Knowledge Management, technologies, processes and citizen engagement

REDESIGN CLINICAL PROCESSES
(care pathways): From an integrated perspective:

• Identify processes with major impact on (access, health outcomes)
• Redesign processes involving multi-disciplinary teams of health professionals

The input of the citizens helps us improve processes

EMPOWER THE CITIZEN THROUGH CUSTOMIZED INFORMATION AND GATHERING EXPECTATIONS:

• Integrated and customized approach to the citizen delivering value added information in a multi-channel way

Processes are the basis of the EHR

HEALTH INNOVATION STRATEGY

Share best practices

COMPREHENSIVE EHR:

• Develop an integrated strategy in EHR
• Unified database and EHR of each citizen
• Available information at any place/any time

EHR gives us information to empower health profesionals

CREATE & SHARE KNOWLEDGE WITH HEALTH PROFESSIONALS:

• Share knowledge (digital libraries, on-line tools)
• Share best practices (specially in CDM and Citizen Engagement)
• Management by skills of each professional

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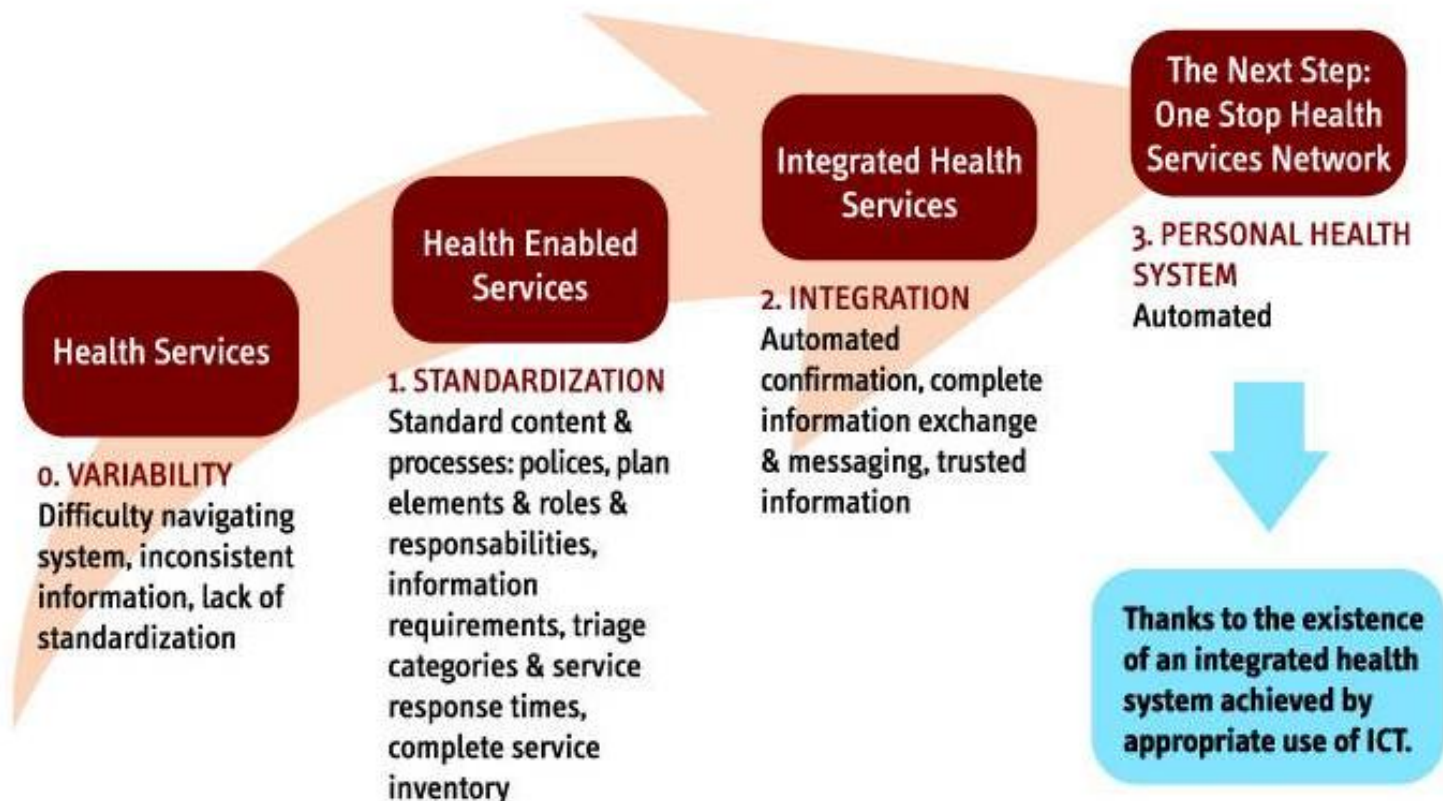## Keys Aspects:
our vision of an integrated approach

- Health is a unique and personal experience for each citizen, we must provide personalized services and information via any way

- Health involves social and technological elements, health services for all elements are required

- Improve care coordination (health information exchange)

- Availability of information on the health of the citizen across the healthcare system where it may be neccessary

- Our health system provides innovative tools, quality information and services to citizens and professionals

- Ensure adequate privacy and security protection for personal health information

The target is to provide PROACTIVE, credible, quality, seamless integrated personalized health and wellness services through citizen channels of choice

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From "silos of information" to a comprehensive approach, integrated information, and multichannel and personalised services

The Next Step: One Stop Health Services Network

Integrated Health Services

Health Enabled Services

Health Services

3. PERSONAL HEALTH SYSTEM
Automated

2. INTEGRATION
Automated confirmation, complete information exchange & messaging, trusted information

1. STANDARDIZATION
Standard content & processes: polices, plan elements & roles & responsabilities, information requirements, triage categories & service response times, complete service inventory

0. VARIABILITY
Difficulty navigating system, inconsistent information, lack of standardization

Thanks to the existence of an integrated health system achieved by appropriate use of ICT.

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Diraya: example of the successful implementation of a region-wide system in Andalusia 8 million inhabitants

RELATED MODULES WHICH COMPRISE

EHR - DIRAYA

Demographic data (citizen register)
Diagnostic & therapeutic data
Episodes & processes

Scheduling - DIRAYA - SALUD RESPONSE

Call center 24x7
SMS, Internet, webchat

Prescribing - DIRAYA - RECETA XXI

(Doctors in PHC or in Hospital)
Medication history
Recommendation module
Dosage calculator
Prescribing by active ingredient
Indication of drug interaction

Pharmacies - DIRAYA - RECETA XXI

Dispensing
Access to e-Prescriptions
Prescription review
Cancellations
Stock control interface
Reimbursement procedures

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We have results, experience and the most important thing

We know that international collaboration, involving technological and health pathways approach is the way to enhance quality innovation and economic growth for our countries.

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