



European Week of
Regions and Cities

Brussels 5 - 8 October 2009

E- Health in the European Union

OPEN DAYS 2009

Mobility in Healthcare

7 October 2009, Brussels

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OUTLINE

- 1. E-health in the context of the Community policies and the EU health policy**
- 2. The EU Strategy for ICT in healthcare**
- 3. What are the limitations?**
- 4. How the EU can support E-Health innovations**



E-Health in the context of the Community policies

- **DG IMFSO**
 - Creating an Information Society
- **DG SANCO**
 - Empower patients, support efficient health systems and mobility – Directive on patients' right in cross border healthcare
- **DG RESEARCH**
 - A strong innovations sector
- **DG MARKT**
 - A lead market
- **DG COMPETITION**
 - Should not abuse a dominant position on the EU market
- **DG EMPL**
 - Create employments and growth
- **DG REGIO**
 - Funding from the EU Structural Funds

EU Wide Strategy

1. eHealth Action Plan - COM(2004)356 final
2. I2010 flagship initiative - ICT for Ageing Well
3. Lead Market initiative for Europe (eHealth)
4. EC Recommendation on EHR Interoperability (2008)
5. Telemedicine Communication - COM(2008)689 final



EU Health Policy Goals

- EU Treaty Art.152
 - ensuring a high level of protection of public health
 - supporting cooperation between MS in the area of healthcare provision

EU Health Strategy 2008 -2013

- Values: Support the Member States' pledge for a common set of values for European health systems: universality, access to good quality care, equity and solidarity

EU Health Strategy - Objective 1 & 3



- **Foster Good Health**
- **Dynamic Health Systems & New Technologies**

EU Health Strategy Implementation

A partnership approach_:

- Senior level group on Health in the Council – Commission together with the MS
- Cooperation with regions and stakeholders
- “Europe for Patients” policy initiatives

E health solution for sustainable healthcare

.....from Electronic Health Records to remote monitoring and telemedicine...

we realise the potential

- Bring benefits to patients – information
- Improve access to quality healthcare
- Increase efficiency and modernise healthcare systems
- Reduce workforce shortages
- Support monitoring of chronic ill patients
- Support patients mobility
- Create links between all actors
- Generate economies of scale
- The health objectives should underpin the actions

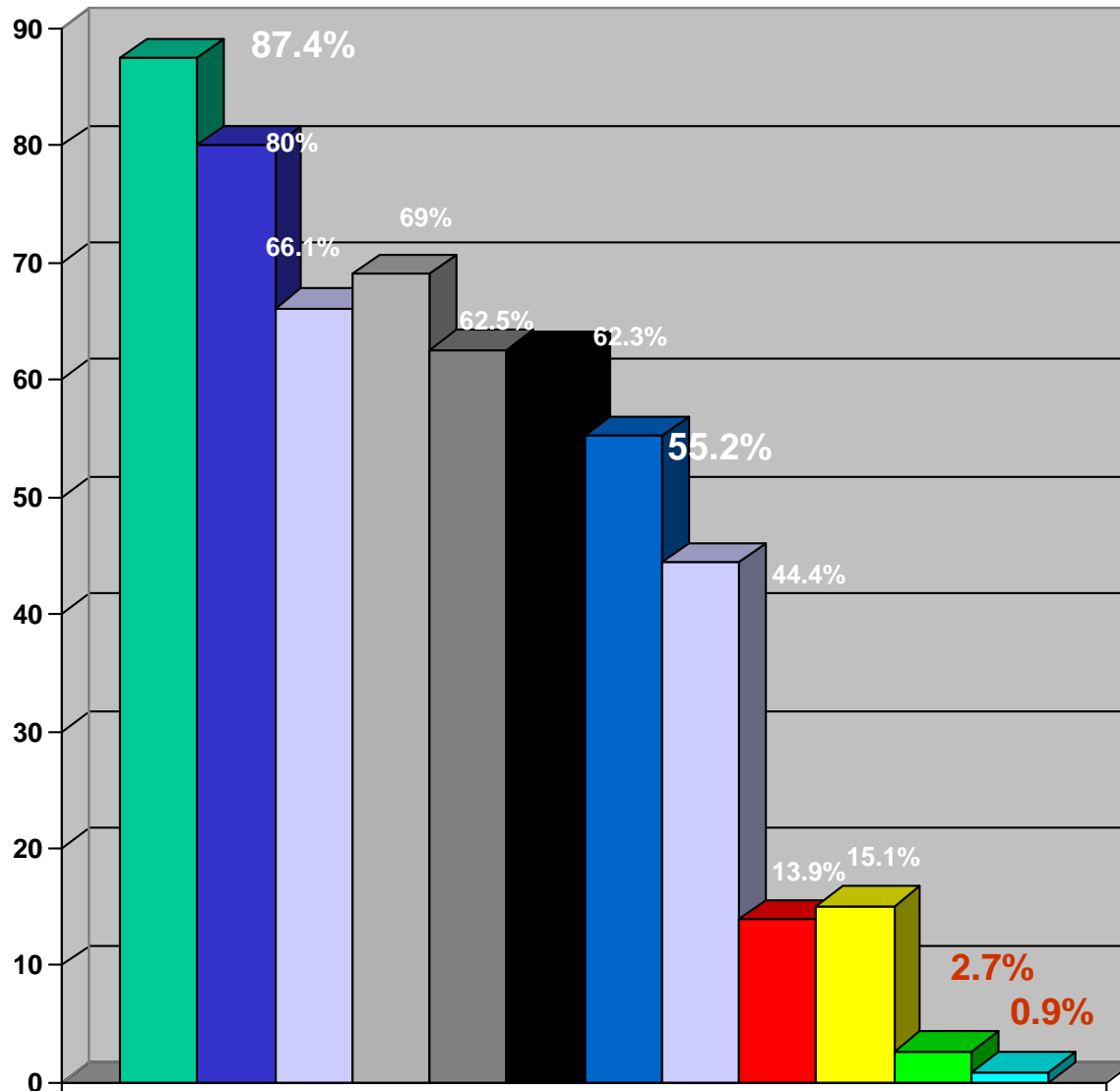
Directive on patients' rights in cross border health care

- To create legal certainty for the MS and the patients and their rights in the cross border health care
- To ensure quality and safety in cross border health care
- **To support co-operation between health care systems**





EU World Leader in deployment in primary care (EC Study 2007)



- Using PC
- Using electronic patient data storage
- Routinely using PC in consultation
- Internet access
- Connecting with broadband
- Using decision support software for prescribing or diagnosis
- Accessing other health institutions networks
- Occasionally using PC to illustrate to patient
- Regularly using PC to illustrate to patient
- Exchanging administrative data with reimbursing organisations
- Occasionally using Internet and electronic health networks to provide telemonitoring to home-patients
- Routinely using Internet and electronic health networks to provide telemonitoring to home-patients



GPs: Electronic exchange of patient data by purpose (selected countries)

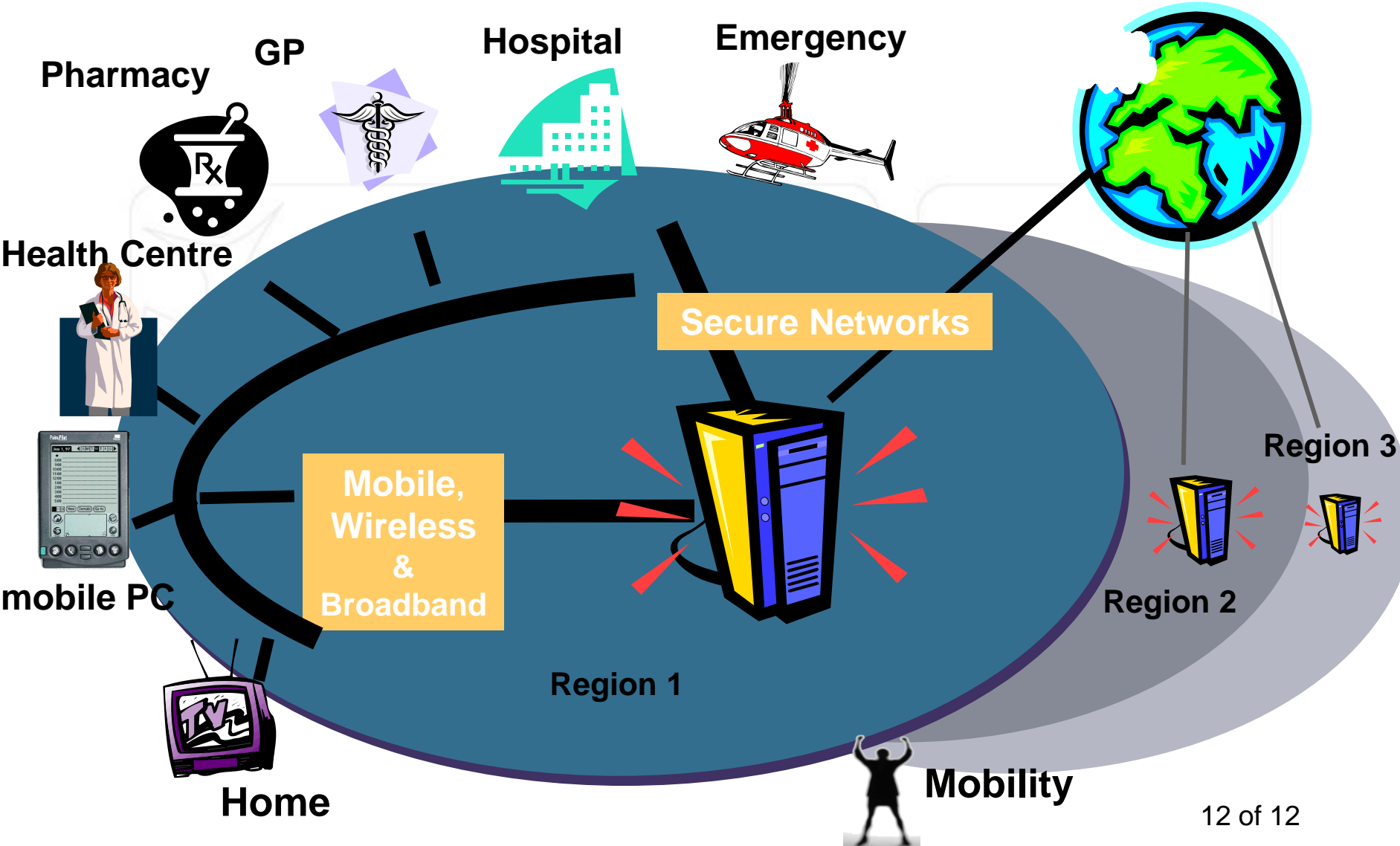
	Lab results from laboratories	Admin data to reimbursers	Medical data to care providers / professionals	Admin data to other care providers	Prescription to pharmacies	Medical data cross border
EU27	39.8	15.1	10.3	9.7	6.3	0.7
BE	73.5	2.5	12.9	12.9	1.6	0.9
BG	5.3	9.7	3.4	5.8	2.4	1.0
DK	96.2	47.9	73.6	74.0	97.3	1.9
EE	39.3	5.3	1.3	1.3	0.7	0.0
NL	83.8	45.4	26.0	27.5	71.0	4.7
FI	90.0	7.6	54.8	20.8	0.4	0.4
SE	82.4	8.2	13.1	15.7	80.9	1.5
UK	84.9	43.2	26.5	31.5	5.1	0.4
NO	88.2	18.6	34.8	25.5	2.9	0.5

Towards eHealth Deployment: Health Information Networks

Health & Consumer Protection
Connecting providers: Messaging, EHR, HP tools, on line services



Health & Consumer Protection



Interoperability across borders

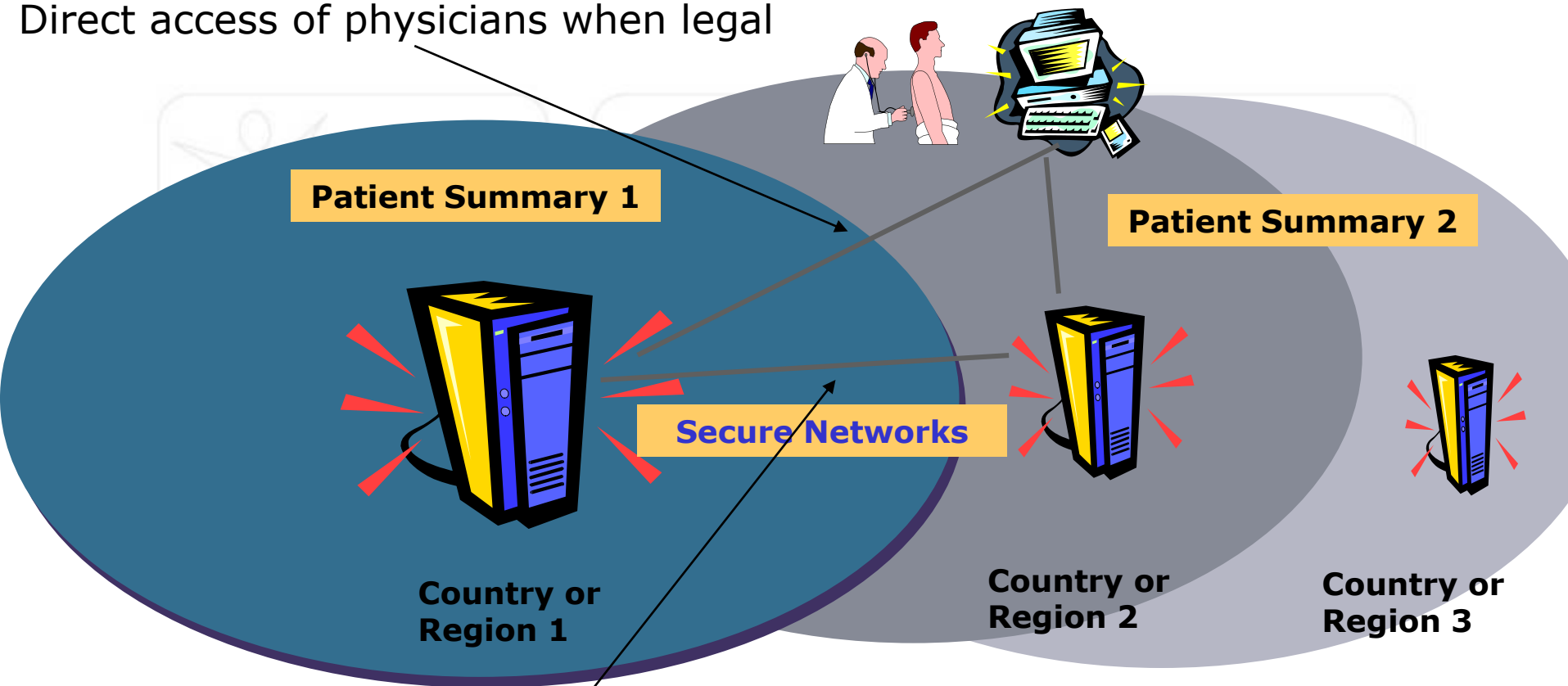
Health & Consumer Protection
Directorate-General

Linking basic information between patient summary

systems or giving access to physicians to patient summary

in your home country

Direct access of physicians when legal



Standardised exchange/access to common data sets

Mobility

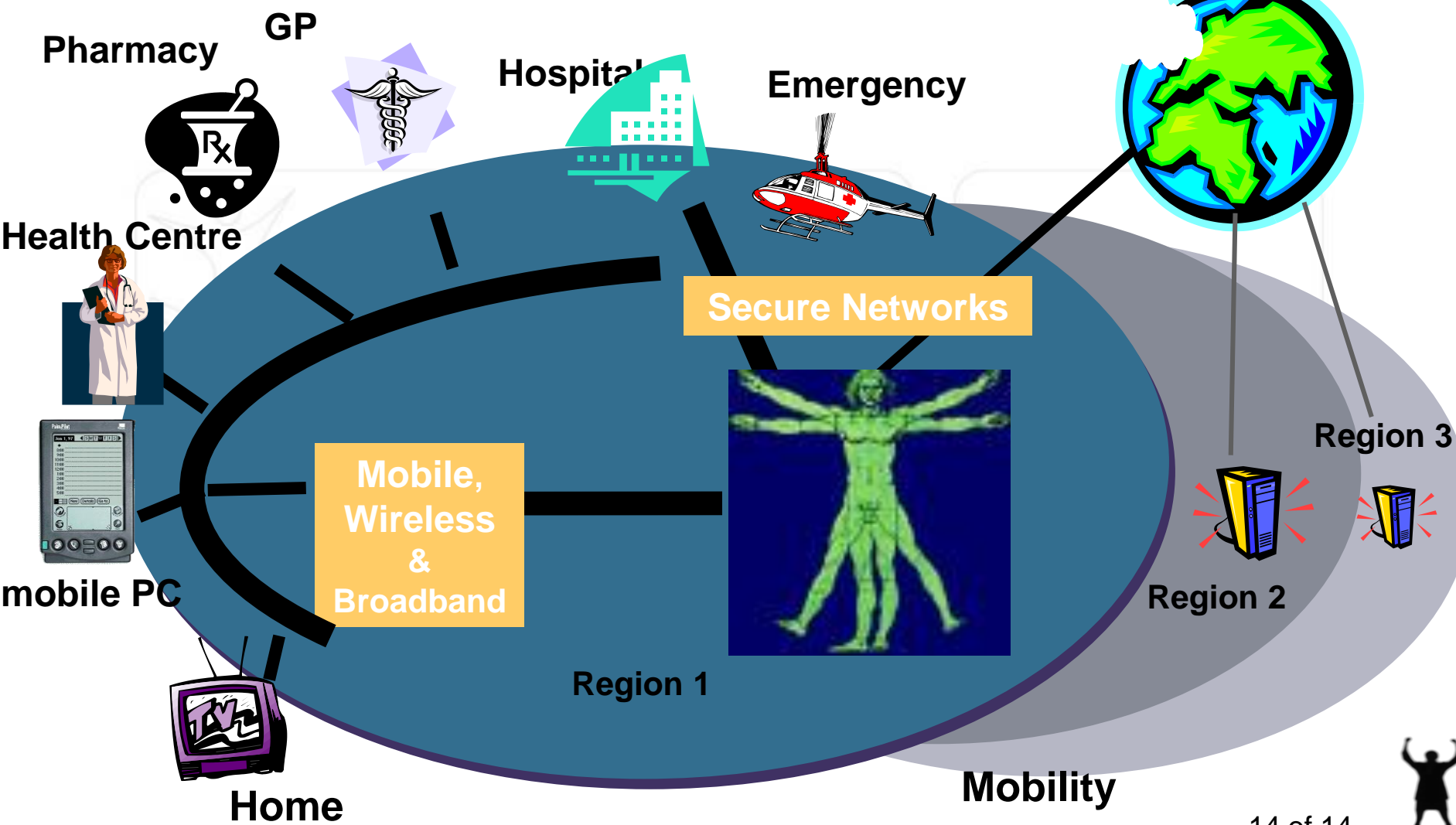


Towards eHealth Deployment: Step 2

Connecting individuals with providers/Health Information Networks

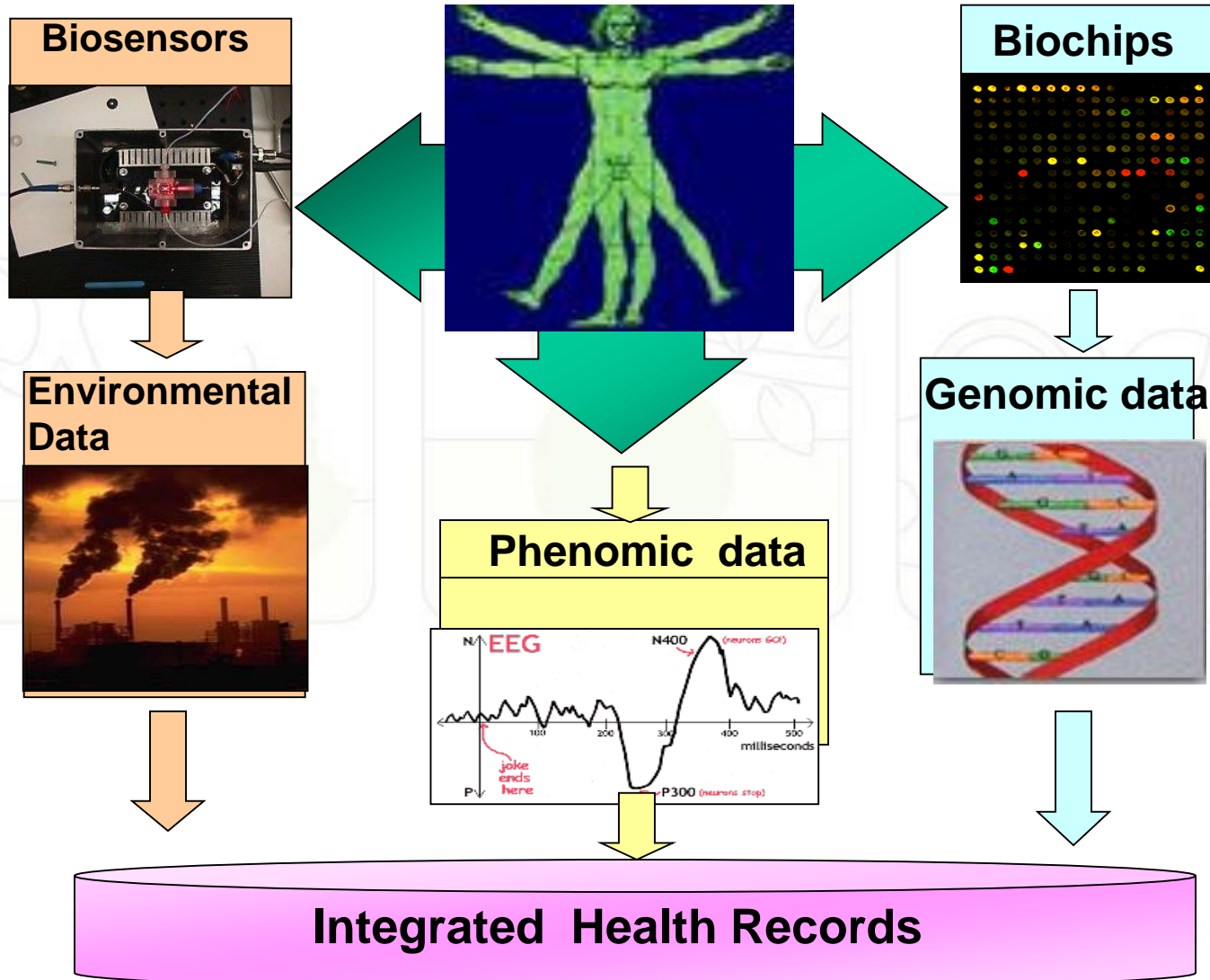


Health & Consumer Protection



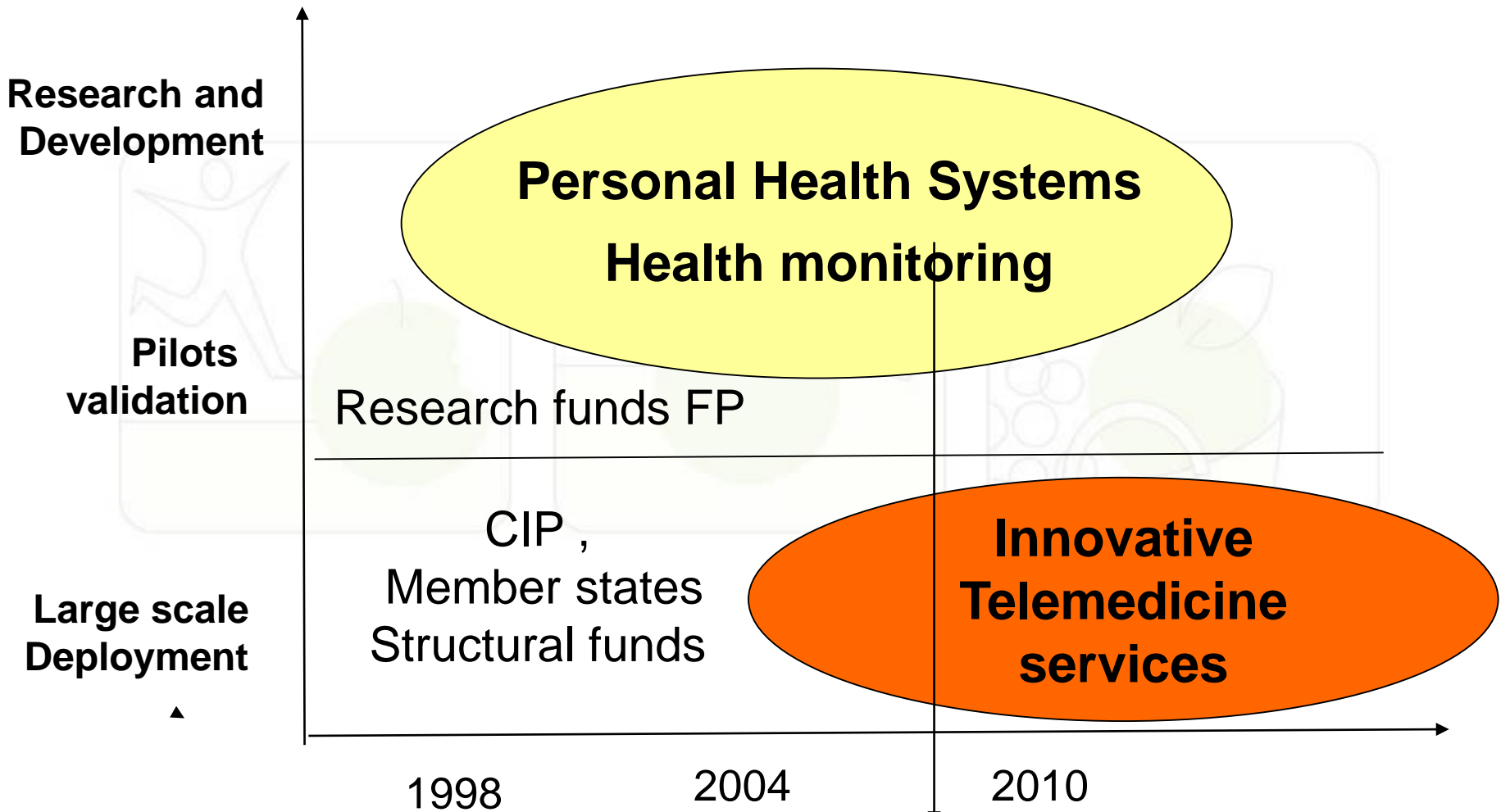
Towards eHealth Deployment: Step 3

Seeing the full picture of individual's health status





EU in support of Telemedicine - Innovation "cascade"



What are the limitations:

a matter of technical interoperability or of diversity of health systems?

- **Creating the legal framework for E-Health to be accepted and reimbursed, at national and cross-border level;**
- **Validating its use, like it happens with other technologies used in the health sector;**
- **Recognizing that these services will only be widely used if they are trusted by patients and healthcare professionals.**
- **Need to promote technical requirements to ensure interoperability at all levels to finally establish**
- **Encourage a dialog and partnerships between interested stakeholders, including health professionals, health insurance funds, healthcare providers, industry and patients**

How the EU can support innovations in healthcare?

Financial instruments

- The FP7 - 6 billion€ for research on health:
The "Regions of knowledge" 2010 programme
-strengthening the research potential of European regions with a special focus on health and E-health in particular
- The CIP ICT PSP Programme € 7,5 m
- The EU Structural Funds (€ 6 bn for ageing and e-health)
- The Health Programme aims to support cooperation and exchange of best practice



Research & development (FP7)

Personalisation of Healthcare

Personal health system

€ 72 Million (M) in 2007, (€ 63 M in 2009)

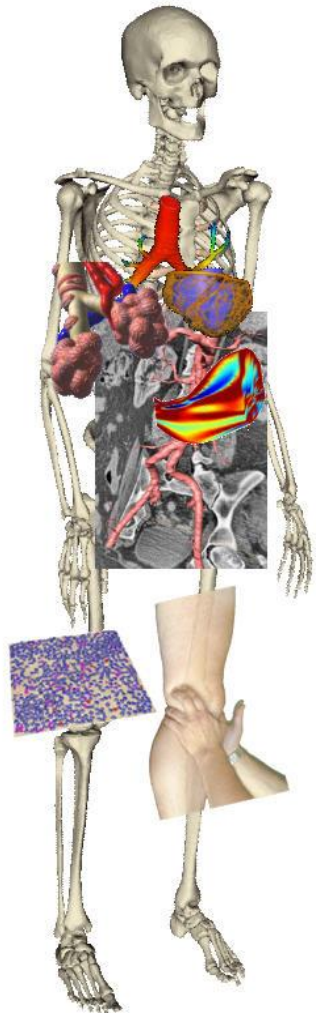
Patient safety-avoiding medical errors

€ 30 M in 2007, (€ 30 M in 2009)

Predictive Medicine – Virtual Human

Modelling/simulation of diseases

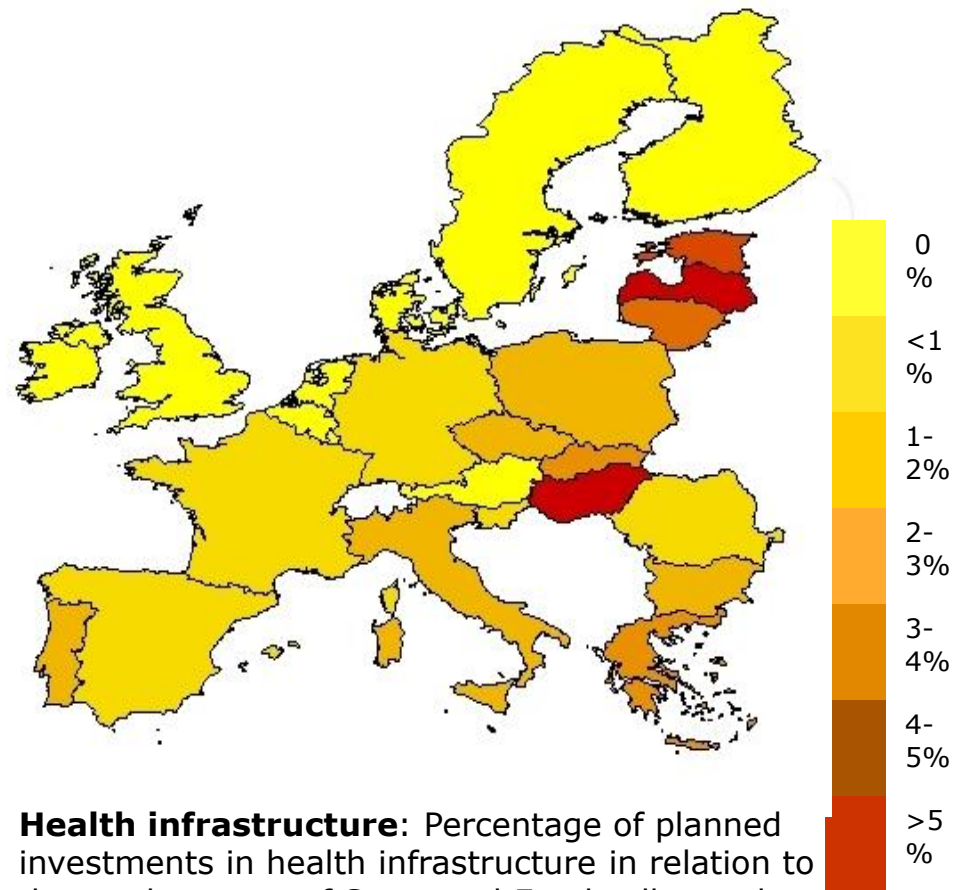
€ 72 M in 2007, (€ 68 M in 2009)



How the EU can support E-Health innovations?

€5 billion have been allocated to OPs to support **health infrastructure (fixed assets)**
+ €6 billion earmarked for ageing and e-services priorities (incl e-health)
+ € X from ESF

(out of € 349 billion for the whole cohesion policy)



Health infrastructure: Percentage of planned investments in health infrastructure in relation to the total amount of Structural Funds allocated to Member States in 2007-13.



THANK YOU!



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