*e*Health

*e*TEN

Achim Klabunde

European Commission

DG Information Society & Media

*e*TEN
Deploying eServices for all

eTEN

Policy   = *e*Europe 2005
> *"eTEN supports the implementation"*

Strategy   = **Deploying public e-services**
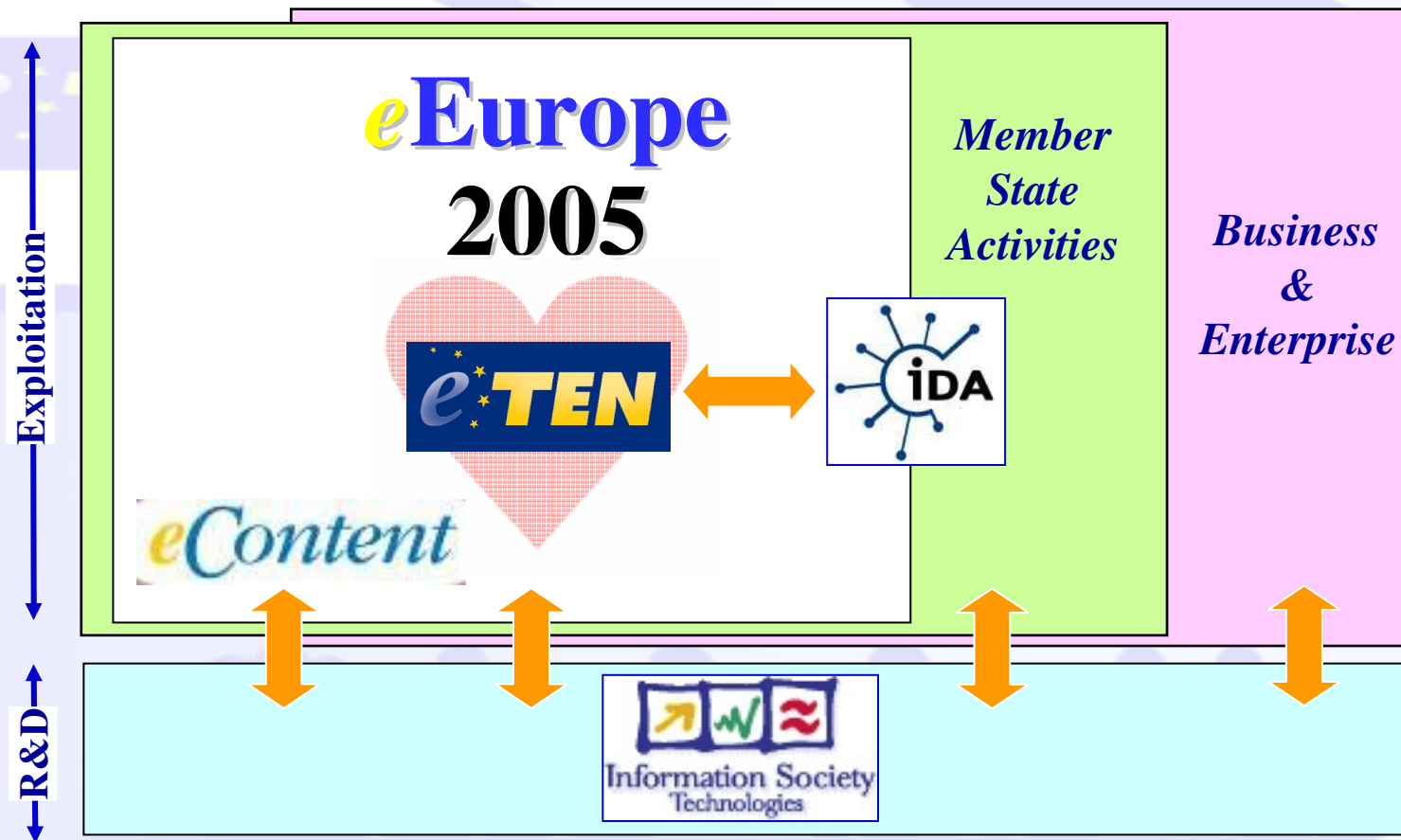> *"Supported by Trans-EU Networks"*

Procedure = **Calls for proposals**
> *"best projects selected for co-funding"*

At the heart of eEurope

eTEN – "Trans-European"

- **Satisfies needs in several Member States**

- **Focus on cross-border issues**
  (but not exclusively)

- **Implies that any proposal must include entities from at least 2 Member States**

eTEN does not fund RTD
eTEN does not fund infrastructure

eEurope 2005: eHealth Actions

- **eEurope:** focuses on "the widespread availability and use of broadband networks throughout the Union by 2005 and the development of Internet protocol IPv6 …. And the security of networks and information, eGovernment, eLearning, eHealth and eBusiness"

- **What is it?**
  - eHealth refers to the use of modern information and communication technologies to meet needs of citizens, patients, healthcare professionals, healthcare providers, as well as policy makers.

- **Targets**
  - Cross Border Healthcare
  - Online Health Services
  - Health Information Networks
  - Electronic Health Records
  - Health Professionals' Support

  - Electronic Health Cards
  - Plan Capacity/ Mgmt systems
  - Telemedicine Services
  - Preventative Services
  - Patient Support

eTEN Portfolio example (1)

NETC@RDS

A Trans-European project that will provide access facilities to health care services within the European Union.

The European Netc@rds project was launched in September 2002 with the aim of studying dematerialising paper forms E111 and E128 which are currently required for admission to health care in foreign countries. Germany, Austria, Greece and France originated this project which is jointly financed by the European Commission.

FACTS

- **Validation, 2002-2005, 2.5 M€ funding**

- **Based on IST project NETLINK with Franco-German & Franco-Belgian pilot**

- **10 MS involved in NetC@rds-EHIC (DG SANCO + EMPL follow)**

- **Interest from other Member States, but also third party countries (Canada)**

Netc@rds Scenario

State A of insured party's affiliation

Hospital in State B

SERVEUR

National server for E111 & E128 data base

Case n°1: form printed out from card data

E111 / E128

Case n°3: form printed out from on-line data

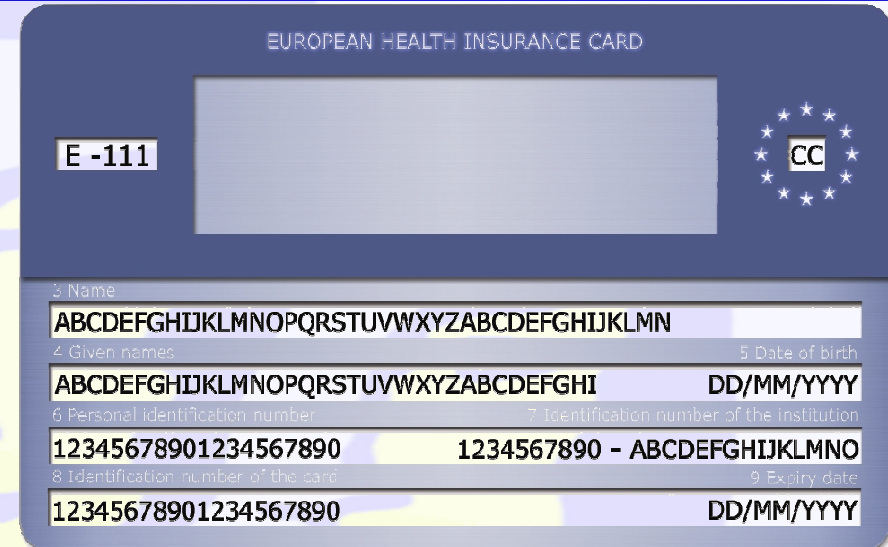Case n°2: form printed out from card and on-line data

E111 / E128

E111 / E128

Netc@ard eEHIC

carte d'assurance maladie

vitale

80 250 00002 5

EMISE LE 08/09/1998

2 45 12 75 033 057 23

DURAND
JULIETTE

EUROPEAN HEALTH INSURANCE CARD

E -111

CC

3 Name	
ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN	
4 Given names	5 Date of birth
ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHI	DD/MM/YYYY
6 Personal identification number	7 Identification number of the institution
12345678901234567890	1234567890 - ABCDEFGHIJKLMNO
8 Identification number of the card	9 Expiry date
12345678901234567890	DD/MM/YYYY

1 side National

EUROPEAN HEALTH INSURANCE CARD

E -111

CC

3 Name	
ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMN	
4 Given names	5 Date of birth
ABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHI	DD/MM/YYYY
6 Personal identification number	7 Identification number of the institution
12345678901234567890	1234567890 - ABCDEFGHIJKLMNO
8 Identification number of the card	9 Expiry date
12345678901234567890	DD/MM/YYYY

1 side European

eTEN Portfolio example (2)

eurodonor — European Donor and Organ Registry

LINKS — HELP — E-MAIL — SEARCH

FACTS

- **Validation, 2003-2004, 1.6M€ funding**

- **Brings together 8 donor & transplant centres from Italy, Netherlands, Spain, UK, Greece and Belgium**

- **Realization of a *European Organ Data Exchange Portal* and *Data Base* to be used in the medical field of data organ exchange and transplantation (DB structure adopted by WHO)**

- **Based upon common EU protocols for data acquisition and processing on organs donation**

- **Delivery of updated and official information to professional operators and institutions, accessible via internet in real-time**

What is Eurodonor?

Eurodonor is a project, funded by the European Commission, addressed to create a common repository dedicated to organs donation and transplant activity and to deliver updated and official information via internet ...

PARTNER COUNTRY
NON PARTNER COUNTRY

ICELAND
NETHERLAND
IRELAND
UNITED KINGDOM
BELGIUM
LUXEMBOURG
GERMANY
AUSTRIA
SLOVENIA
SPAIN
ITALY
GREECE

Follow up project EUROCET, 12 countries, extends to tissue and cell data exchange

Open opportunities

- **_e_TEN Call for Proposals:**
  - **Opened Feb. 10, 2005**
  - **Closing date on May 10, 2005.**
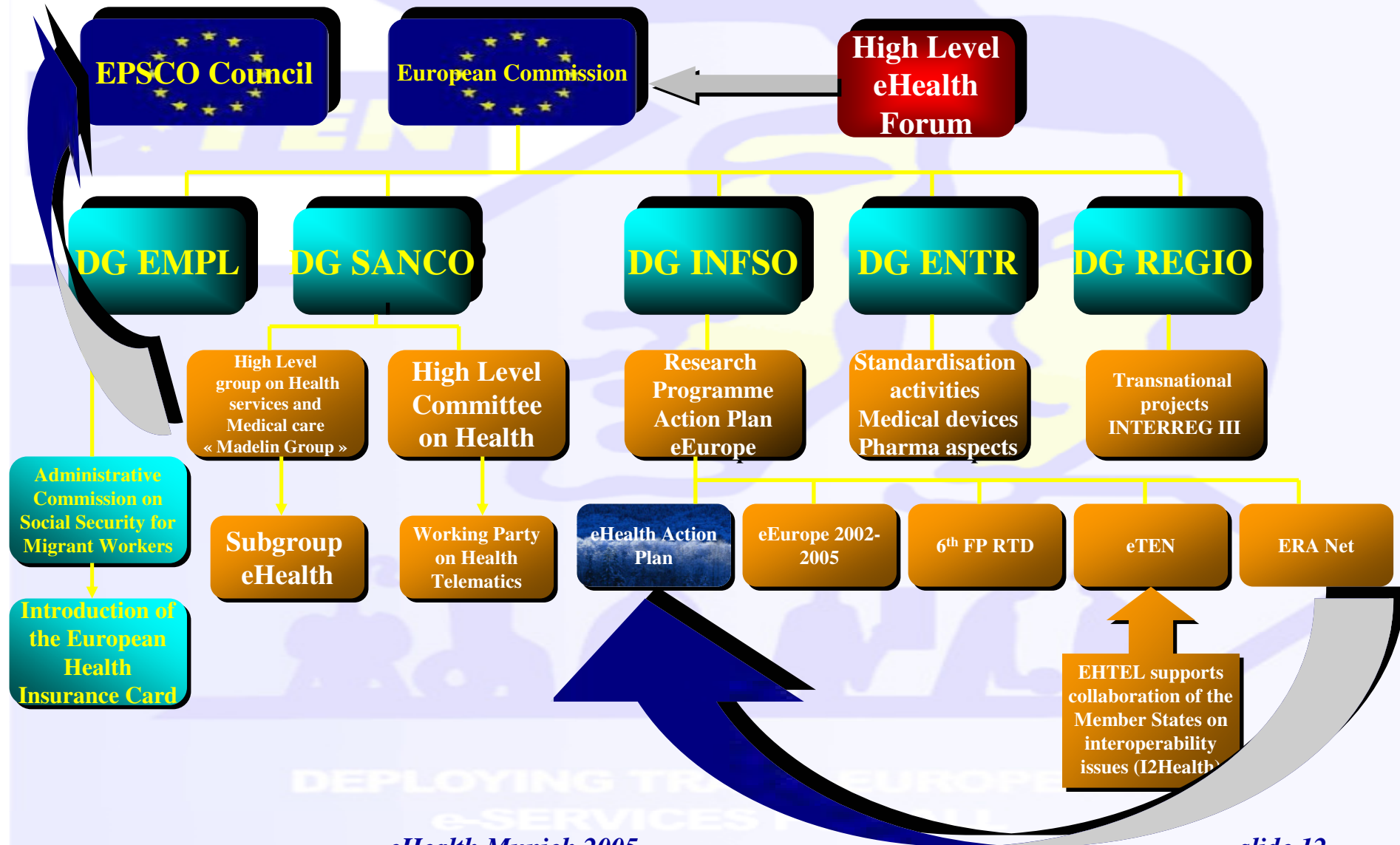 - **45 M€ of funding**

More info:

http://europa.eu.int/eten

Overview of the eHealth Action plan 2004-2010

eHealth – making healthcare better for European citizens

Communication to Council, EU Parliament,

EU Economic & Social Committee, and the

Committee of Regions

Coordination of e-Health in Europe

Information Society and Media

eTEN

EPSCO Council

European Commission

High Level eHealth Forum

DG EMPL

DG SANCO

DG INFSO

DG ENTR

DG REGIO

High Level group on Health services and Medical care « Madelin Group »

High Level Committee on Health

Research Programme Action Plan eEurope

Standardisation activities Medical devices Pharma aspects

Transnational projects INTERREG III

Administrative Commission on Social Security for Migrant Workers

Subgroup eHealth

Working Party on Health Telematics

eHealth Action Plan

eEurope 2002-2005

6th FP RTD

eTEN

ERA Net

Introduction of the European Health Insurance Card

EHTEL supports collaboration of the Member States on interoperability issues (I2Health)

An action plan for an
European e-Health Area (1)

Communication: COM(2004) 356 final
   'making healthcare better for European citizens':
The main objective is to accelerate awareness and uptake of beneficial
   eHealth systems & services

- **Approved by Commission, 30 April 2004**

- **Discussed, noted and specific recommendations issued at the EPSCO [Health] Council, June 2 2004**

- part of a package of three Communications - the other two Communications were on open method of co-ordination (DG EMPL led) and on patient mobility (DG SANCO led)

http://europa.eu.int/information_society/doc/qualif/health/com2004_356_eheal
   th.pdf

e-Health action plan: 3 areas of activities

- **Addressing common challenges**
- **Pilot actions: accelerating beneficial implementation**
- **Working together and monitoring practices**

3 types of responsibilities:

- **Member States (MS) responsibility**
- **European Commission (EC) Responsibility**
- **Shared between EC and MS**

Many tools for action: EC programmes, EC promotion initiatives, regional funds, MS funds, open method of coordination

Major challenges for wider implementation

- – **Commitment and leadership of health authorities**

- – **Interoperability of e-Health systems**

- – **User friendliness of e-Health systems and services**

- – **Lack of regulation and fragmentation of e-Health market in Europe**

- – **Confidentiality and security issues**

- – **Issues relating to the mobility of patients**

- – **Access for all to e-Health**

- – **Common understanding and concerted efforts by all stakeholders**

Towards the European e-Health area: Action Plan (I)

- **EC communication (2004) 356 of April 30, 2004**

2004	2005	2006	2007	2008	2009

During the period 2004-2008, MS should support deployment of health information networks for e-Health based on fixed and wireless broadband and mobile infrastructures and Grid technologies.

In that period the goal is to achieve @ short term:

Greater access to accurate data and information for patients

Safer and better health care

Costs saving through the of ICT solutions

@ Mid to long term:

Redefine the health care process and access in using ICT systems

Towards the European e-Health area: Action Plan (II)

- **EC communication (2004) 356 of April 30, 2004**

2004	2005	2006	2007	2008	2009

By mid 2005, the Commission should produce a summary of European best practices as guidance for Member States.

By end 2005, a European Union public health portal will give access to European level public health information

By end 2005, each MS is to develop a national or regional roadmap for e-Health.

By end 2005, there will be a strengthening of early warning, detection, and surveillance of health threats through enhanced ICT tools

Use of open standards and open source solutions among health administrations in MS should be promoted.

Towards the European e-Health area: Action Plan (III)

- **EC communication (2004) 356 of April 30, 2004**

2004	2005	2006	2007	2008	2009

By end 2006, MS, in collaboration with the EC, should identify a common approach to patient identifiers.

By end 2006, Member States, in collaboration with the European Commission, should identify and outline interoperability standards for health data messages and electronic health records

By end 2006, a collaborative approach should be undertaken among Member States to supporting and boosting investment in e-Health.

Towards the European e-Health area: Action Plan (IV)

- **EC communication (2004) 356 of April 30, 2004**

2005	2006	2007	2008	2009

By end 2007, MS should adopt conformity testing and accreditation schemes following successful best practices.

Towards the European e-Health area: Action Plan (V)

- **EC communication (2004) 356 of April 30, 2004**

2005	*2006*	*2007*	*2008*	*2009*

By end 2008, the majority of all European health organisations and health regions (communities, counties, districts) should be able to provide online services such as teleconsultation (second medical opinion), e-prescription, e-referral, telemonitoring and telecare.

Promoting the use of cards in the health care sector. Adoption of implementation of an electronic health insurance card **by 2008,** *implementation of a health professional card* **by 2008**.

Towards the European e-Health area: Action Plan (VI)

- **EC communication (2004) 356 of April 30, 2004**

2005	2006	2007	2008	2009

By end 2009, the EC, in collaboration with MS, should undertake activities to:

Set a baseline for a standardised European qualification for e-Health services in clinical and administrative settings.

Provide framework for greater legal certainty of e-Health products and services liability within the context of existing product liability legislation.

Improve information for patients, health insurance schemes and providers regarding the rules applying to the assumption of the costs of e-Health services.

Thank you!

Links:

- **eHealth:**

  www.cordis.lu/ist/so/ehealth/home.html

  europa.eu.int/information_society/qualif/health/index_en.htm

- **eTEN:**

  europa.eu.int/eten