



NEST



Federal Ministry
of Education
and Research

Research in
Germany

Land of Ideas

Catel
VERS DES TECHNOLOGIES | 
QUI NOUS RAPPROCHEMENT

Telemedical applications and emergency care in real life - Partnering Day

June 3rd, 2010 - Sheraton Hotel, Sofia

**Common work in telemedicine
Opportunities for EU funding**

G rard Comyn, CATEL Vice-President

AGENDA

1. CATEL network and missions to develop eHealth
2. Support for the development of projects at national and international levels
 - 2.1 Support activities
 - 2.2 Examples of projects implemented and supported by CATEL
 - 2.3 CARTOSAN: a tool to map eHealth actors and help decision
3. EU fundings for telemedicine : EUREKA, EUROSTARS, FP7th, CIP, FEDER...

AGENDA

1. CATEL network and mission to develop eHealth

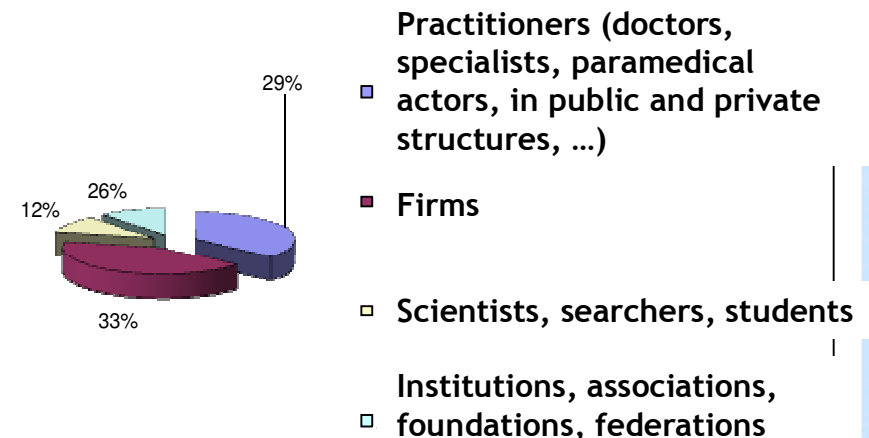
CATEL network and missions

- CATEL = the French Network in the E-health field
- A 13 year-old multidisciplinary network composed of more than **10 500 contacts** concerned by e-Health and telemedicine (among which 650 active members and 200 organizations)

- Constituted by **5 colleges:**

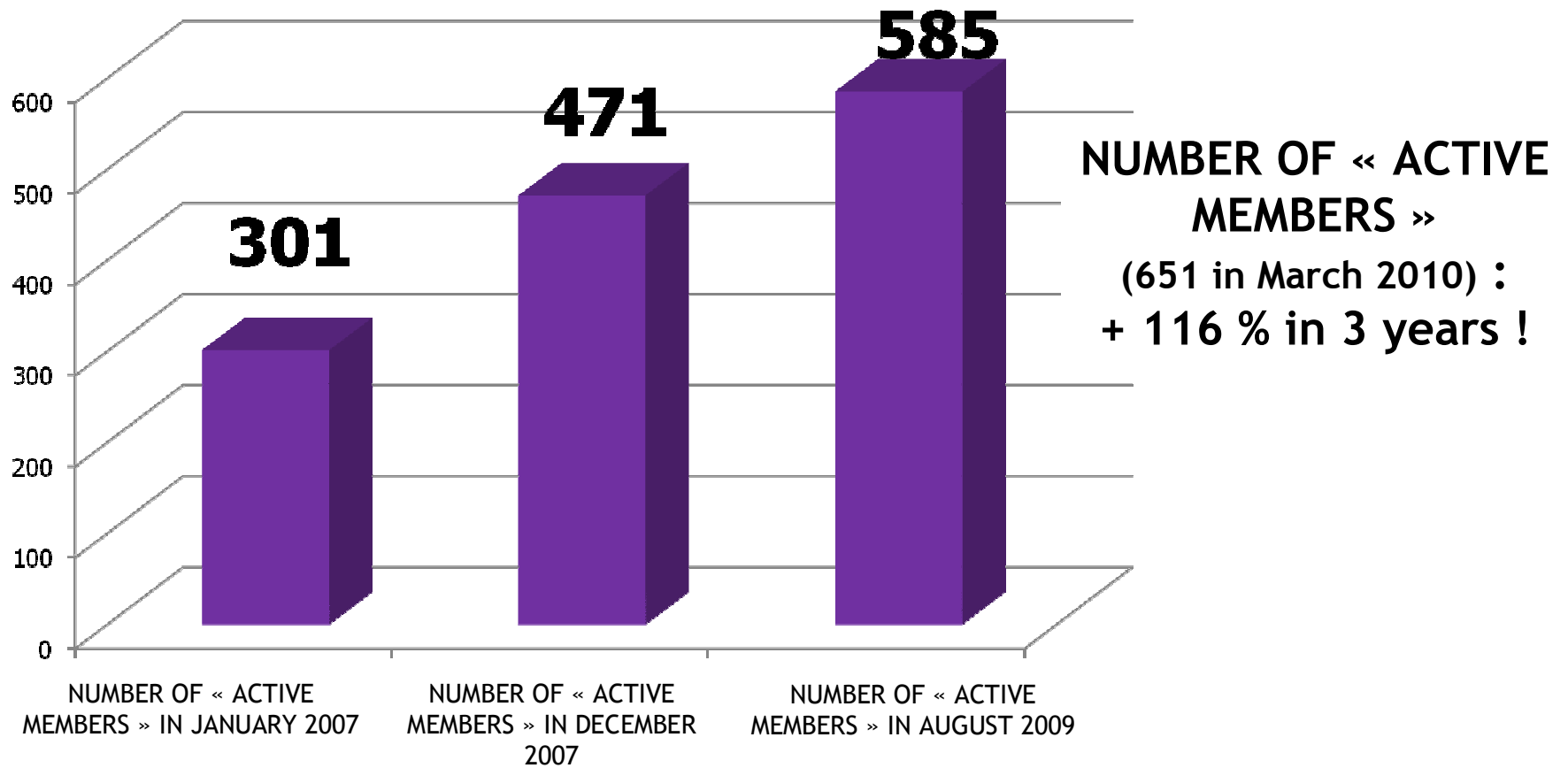


CATEL MEMBERS BY COLLEGES



CATEL network and missions

EVOLUTION OF THE NUMBER OF « ACTIVE MEMBERS » SINCE 2007

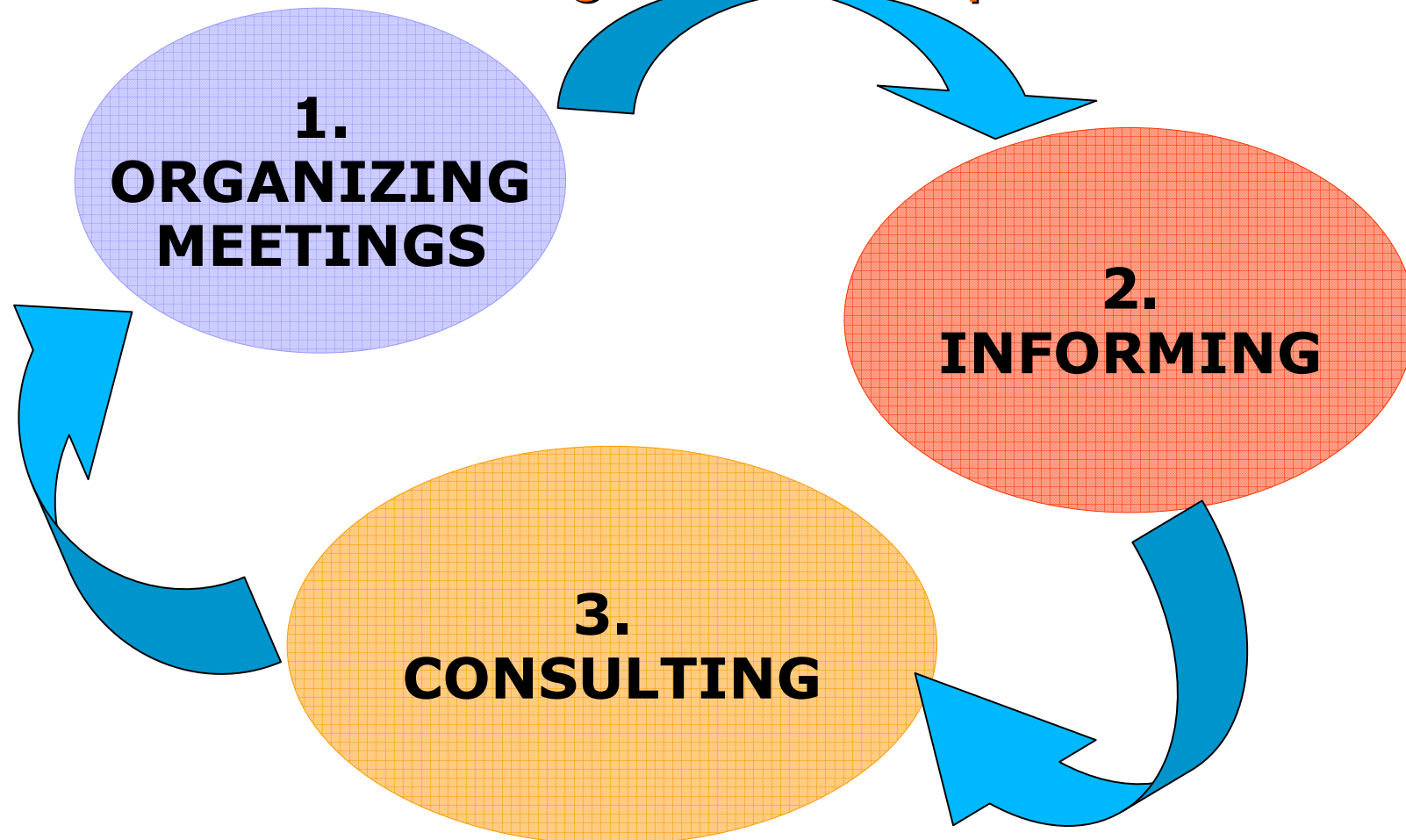


CATEL network and missions

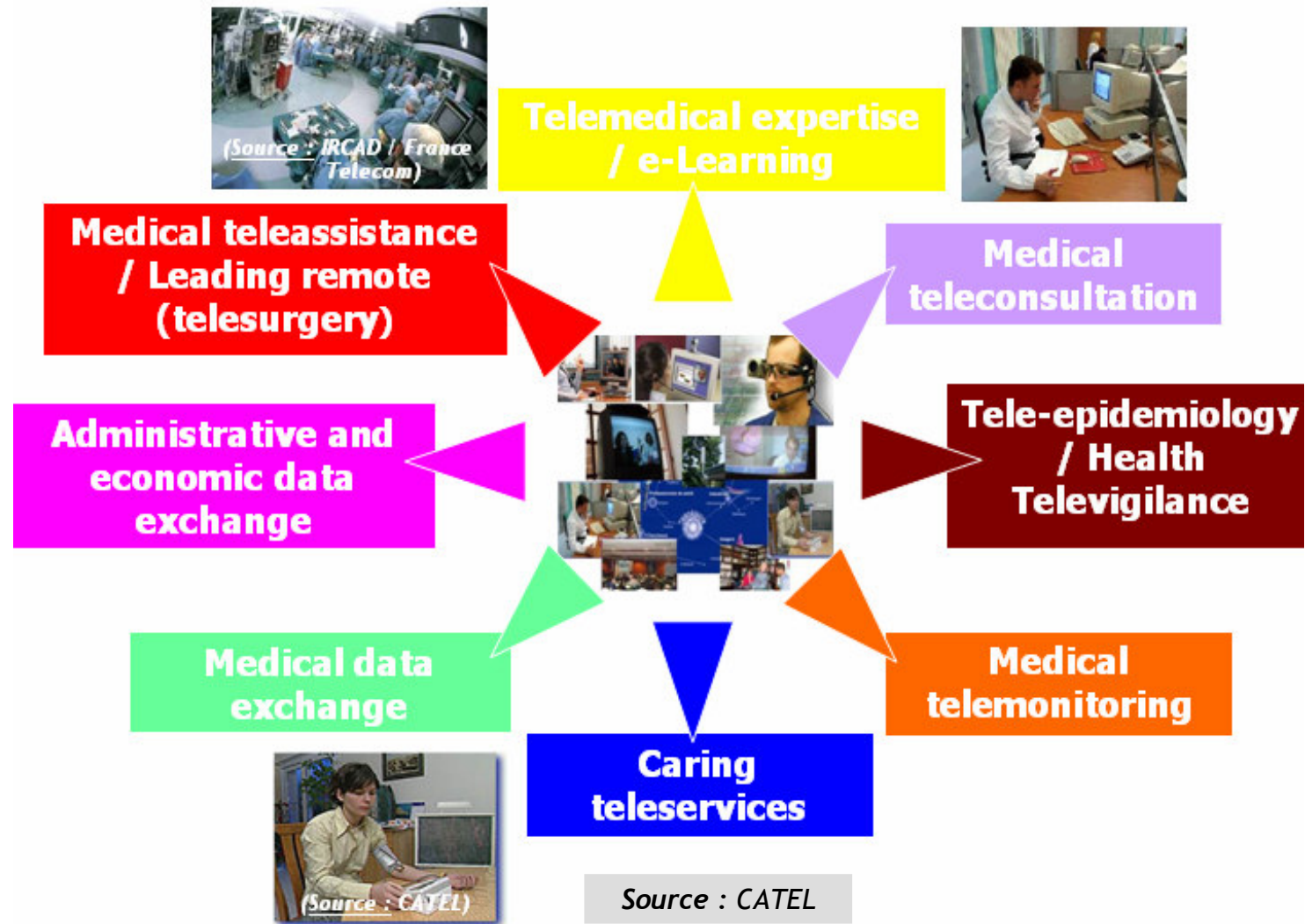
- **Promote e-Health and telemedicine** in France in connection with developments in the health sector
- **Bring together the French multiple and diverse actors** of e-Health and represent them in France and abroad
- **Conducting awareness and training actions** in e-Health
- **Speed up the spreading** of new technologies and e-Health operational applications
- **Developing the achievements** of e-Health

CATEL network and missions

3 skills contributing to the development of e-Health



CATEL network and missions - Fields of activities



AGENDA

2. Support for the development of projects at national and international levels

2.1 Support activities

2.2 Examples of projects implemented

2.3 CARTOSAN: a tool to map eHealth actors and help decision

CATEL supports people and structures who want to develop e-health particularly by:

- Informing them on what is already done in other medical fields or in other places that can be used for their own project
- Helping them to structure their project
- Helping them to involve all the actors potentially concerned on the territory
- Helping them in the use of the new tools or solutions
- Evaluating the results of the new uses



Example of supported implementation - I/III Laboratory for the evaluation of e-health in remote areas in the Hautes-Alpes department (LESSI)

- 4 areas of work: Homecare and gerontechnologies, Medical teleconsultations, Mountain and emergency Telemedicine
- 14 medical and medico-social partners experimenters et 2 shelters
- 4 innovative firms: Orange, Technosens, Astus, Telespazio and 3 laboratories or institutes : INSA, TELECOM ParisTech, SIS de l'Université de Lyon II
- 1 assistant to the client: CATEL
- 3 territories of projects and 1 health territory around 1 project manager and coordinator (Expansion Committe Drac-Buëch-Durance)



Example of supported implementation – II/III CARTOSAN: a mapping of e-health and telemedicine actors

- Initialized in October 2009 by the French Ministry of Defense with an interministerial steering committee and realized by the CATEL Network
- CARTOSAN, a webservice for remote access, secure:
 - *A handy tool ...*
 - Qualification of the area data
 - Classification by categories
 - Links between actors, their applications and / or their offers
 - Dashboards : searching, sorting, multi-criteria selection, graphics, ...
 - Features of export and print
 - Updating and creating new data
 - *A tool for secure ...*
 - Updating and creating new data
 - Control data
 - Secured access at a distance
 - Access rights according to user profiles

● An existing data base, well structured, with a significant number of data ... but non exhaustive

- 769 organizations
- 1014 representatives (actors)
- 284 applications
- 174 offers
- 30 data bases accesses

=> Total, **2271** synthesis forms

● A reasonable cost in front of the added value

● A regularly upgraded data base through the used technologies

● A possible perpetuation through a needs' convergence and the continuation for an organisational network model.

- 4 categories of data : **Actors, Applications, Offers, Data bases**
- 5 activities' domains main / secondary : **Health / Biotechnologies, Social Action/individual services , ICT (Information and Communication Technologies), Territory development, Economical Development**
- 5 categories of applications / projects, as : **Infrastructures, Services, Formation, Observatory, Mutualisation of collective sactions, ...**
- e-Health and individual teleservices labelling : **Tele expertise, Teleconsultation, Tele learning, Tele epidemiology, ...**
- Norms and Standards labelling
- Applications ongoing stages and offers labelling
- ...

CARTOSAN

Sightseeing of capabilities

Control Panel

Libellé de l'organisme	Domaine d'activité principal	Domaine d'activité secondaire	Description de l'activité	Site Internet
TIC SANTÉ	Santé / Biotechnologies	TIC (Informatique, Electronique, ...)	TICsante.com est un service du groupe APM international, spécialisé depuis plus de vingt ans dans	http://www.ticsante.com/
LOGICA	TIC (Informatique, Electronique, ...)		Conseil en management, l'intégration de systèmes et l'outsourcing de processus métier et technologiques de	http://www.logica.fr
AGENCE REGIONALE DE L'HOSPITALISATION LORRAINE	Santé / Biotechnologies		L'Agence Régionale de l'Hospitalisation a une triple mission : définir et mettre en oeuvre la politique régionale de	http://www.parhage.sante
NUMERIQUE ASSISTANCE	Santé / Biotechnologies	TIC (Informatique, Electronique, ...)	Développe et commercialise une trousse d'aide numérique d'aide au diagnostic à distance	http://www.kitsos.fr
CEDESURK				http://www.ceidre.fr/
CEIDRE				http://www.ceidre.fr/
INSTITUT DE RECHERCHE XLIM	TIC (Informatique, Electronique, ...)		XLIM est une Unité Mixte de Recherche UNIVERSITE de LIMOGES / CNRS résultat de la fusion de quatre	http://www.xlim.fr
MOLECULAR EXTENDED DISTRIBUTION UN INFORMATION TECHNOLOGY	TIC (Informatique, Electronique, ...)	Santé / Biotechnologies	Editeur de logiciels prédictifs pour accélérer la découverte de nouveaux médicaments	http://www.medit.fr
RESONATE MP4	TIC (Informatique, Electronique, ...)		Conçoit et développe des composants logiciels pour systèmes multimédia de diffusion sur Internet, réseaux mobiles	http://www.resonate-mp4.
CENTRE HOSPITALIER DE ROUEN				
CENTRE HOSPITALIER NORD MAYENNE				

Detailed Forms

Application Télésurveillance de malades en dialyse péritonéale à domicile - Fiche de synthèse

Données générales :

Données complètes (Quitter les pages de détails)

Nature : Services (de télésoin)
 Spécialité(s) médicale(s) :
 Champ de la Télésoin : Télésurveillance / Télémonitoring
 Evolution(s) envisagée(s) :

Porteur(s) :

Contact : ARDIANS
 Nom : BERGER
 Prénom : Alain
 Téléphone : +33 (0)6 75 02 08 39
 Mail : aberger@ardians.fr
 Site Web : http://www.ardians.fr

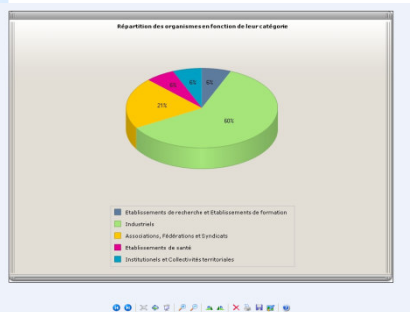
Contact : Orange Healthcare
 Nom : DUPUIS
 Prénom : Patrick
 Téléphone : +33 (0)9 85 76 13 22
 Mail : patrick.dupuis@orange-ftgroup.com
 Site Web : http://www.orange.com/sante

Contact : CALYDIAL
 Nom : CALLETTE-BEAUDOIN
 Prénom : Agnès
 Téléphone : +33 (0)4 74 31 30 95
 Mail : agnes.callette-beaudoin@calydiaid.org

Exports
MS Word,
MS Excel,
PDF,...

Case Studies

Graphics



CALYDIAL - ARDIANS - ORANGE - Etude de cas

Étude de cas sur les applications de télésurveillance péritonéale (TSP) et de suivi des patients en dialyse péritonéale (DP) grâce à la télésoin et à la téléassistance de soins (TAS) péritonéale à domicile.

Présentation générale :

Contexte : L'Agence Régionale de l'Hospitalisation (ARH) de la région de Rouen a financé le projet de mise en œuvre de la TSP et de la TAS péritonéale à domicile.

Objectifs : Mettre en œuvre la TSP et de la TAS péritonéale à domicile pour améliorer la prise en charge des patients en dialyse péritonéale à domicile.

Impact : Amélioration de la prise en charge des patients en dialyse péritonéale à domicile, réduction des hospitalisations et des coûts de soins.

LA DIALYSE PERITONEALE

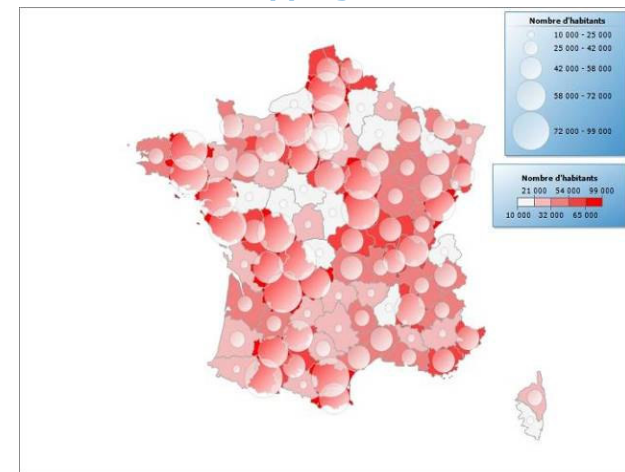
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Mappings



AGENDA

3. EU fundings for telemedicine: EUREKA, EUROSTARS, FP7th, CIP, FEDER...

EU fundings opportunities: EUREKA

- Intergovernmental network launched in 1985, to support market-oriented R&D and innovation projects by industry, research centres and universities across all technological sectors
- An internationally recognised EUREKA label:
 - Visibility enhanced
 - Guarantee of potential private investors
- A way to find collaborative partners
- Financial help from national entities allowing a budget participation
 - Bulgaria and Germany are members of the EUREKA network, enabling their industries to receive the EUREKA label but do not contribute to the Programme budget
- Partnership: at least two partners from two different Member States
- To know more about EUREKA rules: <http://www.eurekanetwork.org>





eurostars™

- Programme dedicated to SMEs to support market-oriented R&D implementations
- **Project Leader:** an R&D-performing SME based in a Eurostars country
- Maximum project duration: 3 years; Market introduction foreseen within 2 years after the end of the project
- **Fundings:** subventions variable according to national entities (around 40% of eligible spendings for SMES, around 30% for other companies, 100% of additional costs for laboratories)
 - R&D-performing SME(s) are undertaking at least 50% of the total R&D-related project costs
- **Next call deadline: September 30th**
- To know more about EUROSTARS rules: <http://www.eurostars-eureka.eu/home.do>


EU fundings opportunities: ERDF for BULGARIA

- ERDF = European Regional Development Fund
- Type of programme: Convergence - Operational programme “Regional Development programme”
- Priorities suitable for eHealth implementations:
 - Priority 2: Regional and local accessibility** [approximately 25.0% of total funding]
Objective = to provide better connections between the urban zones and their hinterlands by [...] upgrading information and communication technology (ICT) networks infrastructure.
 - Priority 4: Local development and cooperation** [approximately 5.6% of total funding]
Objective = to enhance investments in industrial, educational and health infrastructure. Measures will also make use of project ideas and the experiences of other EU regions and local authorities, by exchanging knowledge and best practices.

EU fundings opportunities: ERDF for BULGARIA

- To know more about ERDF allocated to Bulgaria:
http://ec.europa.eu/regional_policy/atlas2007/bulgaria/index_en.htm

EU fundings opportunities: CIP – ICT for Health I/II

- CIP = COMPETITIVENESS AND INNOVATION FRAMEWORK PROGRAMME (CIP) -
Subprogramme = ICT POLICY SUPPORT PROGRAMME
Theme3 = ICT for health, Ageing and Inclusion
- 
- Objectives: to build on existing national/regional solutions, expertise or experience, EU-wide interoperable health services by:
 - Implementing pilots (see EPSOS project)
 - Developing networks (see CALLIOPE network)
 - Ongoing Large project: EPSOS (July 2008 - July 2011)
 - Aim: developing, testing and validating specifications for interoperability of patients summaries and ePrescriptions
 - Consortium: Europe-wide project organized by **27 beneficiaries** representing **twelve EU-member** states, including ministries of health, national competence centres and numerous companies
 - Opportunity of partnership until 2011
 - To know more about EPSOS: <http://www.epsos.eu/epsos-home.html>

EU fundings opportunities: CIP – ICT for Health II/II

- Ongoing eHealth network: **CALLIOPE Thematic Network**
 - Structured forum, supporting the implementation of interoperable eHealth solutions across Europe
 - Opportunities of partnership until June 2011
 - More about the network: <http://www.calliope-network.eu/>
- **Fundings:**
 - For pilots in a project: 50% of eligible costs
 - For networking actions: lump sums (3,000 € a year for implementation costs / 5,000 € a year for attendance of meeting costs)
- **Last call for new projects ended for 2010 (in June), but calls launched every year**
- To know more about the CIP-Ehealth programme:
http://ec.europa.eu/information_society/activities/health/cip_ict_psp/index_en.htm



- **FP7 = Seventh Framework Programme for Research and Technological Development**
- **Suitable for R&D projects faced to hard technological locks**
- **Objectives: to gain or consolidate leadership in key scientific and technology areas.**
- **Thematics suitable for eHealth:**
 - **Cooperation projects in ICT - Challenge 5: Towards sustainable and personalized healthcare by:**
 - **facilitating better integrated care and management of chronic diseases**
 - **developping personalised care solutions addressing the participation of patients and responding to the needs of elderly people**
 - **saving in lives and resources by optimising medical interventions and preventions erros**
 - **developping new ICT-based environments for biomedical research and predictive medicine**
 - **reinforcing the leadership of Euopes's eHealth industries**
- **Fundings: 75% of eligible costs or 50% for large companies**

EU fundings opportunities: AAL (I/II)



- AAL = Ambient Assisted Living (AAL) Joint Programme
- Joint research and development funding programme implemented by 20 European Member States and 3 Associated States and supported by the European Commission
- Objectives: to enhance the **quality of life of older people** and strengthen the industrial base in Europe through the use of Information and Communication Technologies (ICT)
- Publication of 1 call a year; **Deadline for the open call: 30th of July 2010**
- **Fundings: subventions variable according to national entities** (around 75% of eligible spendings for SMES, around 50% for other companies and associations)



Events:

- **9 June**, Introduction to the AAL Forum, Brussels (Belgium) - Free registration

(info on: Current trends in AAL solutions; The best & most cost efficient AAL investment choices; How to get AAL funds)

- **14 September**, AAL Investment Forum, Odense (Denmark) - Free registration

Platform of exchanges between public and private investors to discuss solutions and available funds (Registration: christina@newventures.be (+32) 487 445 121)

- **15-17 September**, Odense, Annual AAL Forum - Charged registration

More information: <http://www.aalforum.eu/>

- To know more about AAL rules: <http://www.aal-europe.eu/>



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Thank you for your attention

Questions?

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CATEL - Network of abilities in the e-health field

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