

INNOVATION AND GERONTECHNOLOGY : THE FRENCH EXPERIMENTATION FOR NEW SERVICES IN AUTONOMY AND HEALTH AT HOME

Presentation of different ways of experimentations to answer one of the major topic in Europe serving new uses in Autonomy and Health at home :

1. Introduction
2. A societal commitment for a better ageing well : the French Silver Economy
3. The CNR Sante Experimentation : an answer at the territorial scale
4. Propositions for a few concrete experimentations and collaborative projects



Introduction



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Faced with the ageing of the population, which increase by one year every four years, we have to change our societal models and adapt our economic models.

Life gives us more years to life, our challenge is to give life to these years.

- New uses for a better ageing, can we do better ?
- New needs for aged people, have-we the solutions ?
- More Hospital efficiency, can we do more ?
- How to survey activity, what kind of devices can help us ?
- New connected tools, but wich is the more efficient ?
- How to answer to these strategic issues in a country scale ?

In 2012, was decided in France the structuration of this industrial sector :

- ➔ at a national level to address all the new uses in Health Sector, with the launch of the **Silver Economy**
- ➔ Based on the **National Reference Center** in Health at home and Autonomy
- ➔ By increasing the number of global and **collaborative projects**, France and Europe



The new French channel for Aged People :
The Silver Economy



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In April 2013, the French Government has decided to launch the '**Silver Economy**', the French industrial channel for Health and Autonomy.

To support this sector for the future of our industry, we worked on and sign with the Government an **Industrial contract for the Silver Economy**, mobilising all French stakeholders on 6 axis to develop the sector :



- Axis 1 – Create the conditions for the emergence of a large Silver Economy market
- Axis 2 – Promote the development of a competitive offer for de la Silver Economy
- Axis 3 – Export the products and technologies of the Silver Economy
- Axis 4 – Professionalize the actors of the Silver Economy
- Axis 5 – Communicate positively on the aged people and the 'ageing well '. with the public and distributors
- Axis 6 – Create major innovations in the field of the Silver Economy



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The scope of the Silver Economy contract **strives to integrate the perimeter particularly vast and heterogeneous of the Silver Economy**, which extends from the more advanced home automation and robotics technologies, up to connected home (revisited kitchen, bathroom equipment...),

Through simple technical helps easiest (to aid the walk) and any range of teleassistance services or packages of services, monitoring,

Including mobility for the elderly, tourism for senior citizens, ...



But the Silver Economy perimeter is **in a continue expansion**, **It must irrigate all markets**, from the moment where they are intended for seniors (senior young or older, up to the loss of autonomy).

This market include consumer goods, solutions for aged people and connected services.

The Silver economy retains the perspective of **a design for all**, a confidence and an appropriate marketing economy.

Finally, should **always target the non-stigmatization** for the dedicated products or services.

The National Reference Center in Health at home and Autonomy, a territorial initiative



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The National Reference Center : a **national innovation network** for digital services for health at home and autonomy



12 Expertise Center

animate the network of specialized actors and bring their specific expertise within collective actions or collaborative projects.

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12 Relay Center

value local talent, identify projects led by the territories, disseminate good practices and achievements or realizations by the members of the National Innovation Network.



The National Reference Center in Health at home and Autonomy, a territorial initiative



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The National Reference Center : **a specific process for analyzing, referencing and labelling** all the products and services in Autonomy and Health at Home for the Silver Economy

- Domotique
- Capteurs
- Lumière
- Wifi
- Affichage
- Appareillage
- Objets connectés
- Vidéo

The elderly

- Capteurs
- RFID
- Tablette

The bedRoom

At home, in Institution

- Couleurs
- Lumière
- Domotique
- Aromathérapie
- Pièces connectées
- Espace immersif
- Cabine
- Ecrans
- Capteurs
- Informatisation

Outside, The district

- Jardins thérapeutiques
- Accès adaptés
- Signalétique
- Téléconsultations
- Partage de Données



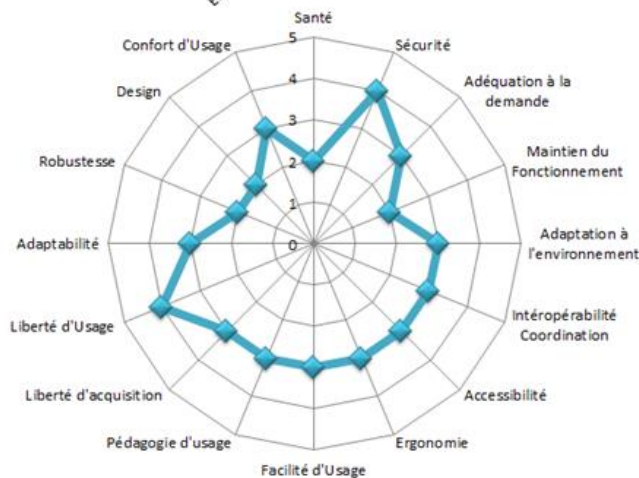
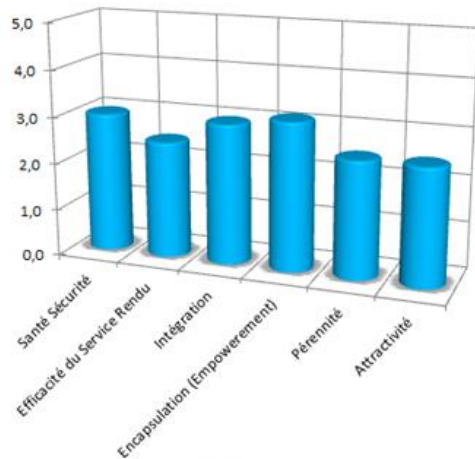
The staff, the caregivers ...

The National Reference Center in Health at home and Autonomy, a territorial initiative



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The referencing and labelling process of the CNR Santé : an objective result



- 16 referencing criteria's with objective notation
- Grouped in 6 Domains : the HQA repository
- 60 indicators corresponding to the Silver Economy requirements

Vision & perspectives
Looking for collaboration



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Our vision is **to develop a real collaboration between France and Italia around a few concrete experimentations** in Health:

- ✓ **Building a new Gérontopole concept**, based on a real Gerontology excellence and complementarity in the territory
- ✓ **Imagining the future of retirement homes** and Alzheimer centers, based on a life project for elderly people, with a good support by the technology
- ✓ **Structuring new services and new offer's in Health** for our companies corresponding the aged people requirements with emphasis for a better living (at home ?)
- ✓ **Merging our skills and competencies to define new solutions** (products & services) in Alzheimer and dependency prevention, ageing fragility and disabled compensation, Hospitalization at Home, chronic diseases, accidents of life, ...
- ✓ **Making new Living Labs in Health** with the complementarity of our territories, in which we can give a real position for all the actors and give a chance to the projects
- ✓ **Changing the way of procurement** between suppliers and users for Innovative projects in Health by the adoption of new forms of contracts as PPI (Pre-Proposal for Innovation) or PCP (Pre-Commercial Procurement) validated by the European Union



Our challenge, for the CNR Santé, the CIU Santé (expertise center in Nice), and regional companies like Innovation Santé Conseil, is to **transform these perspectives in real collaborative projects** ; we are at your disposal for that.

