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Focus on strategy

to drive economic development

in the Healthcare sector:


e-Care Living Lab in Rhône Alpes Region

European Network of Living Labs
Adherent Member





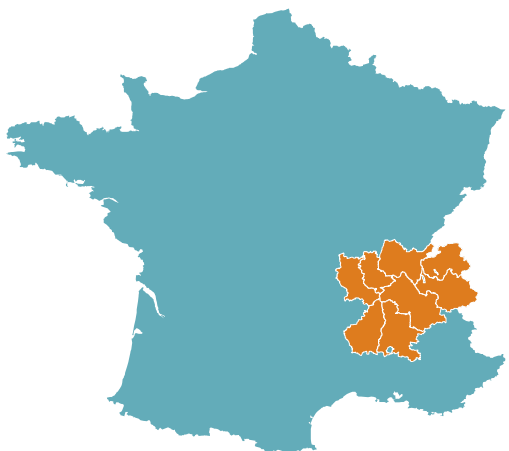
ADEBAG, 5 avenue du Grand Sablon - 38 700 La Tronche
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e-Care Lab

e-Care Living Lab in Rhône-Alpes Region





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Context

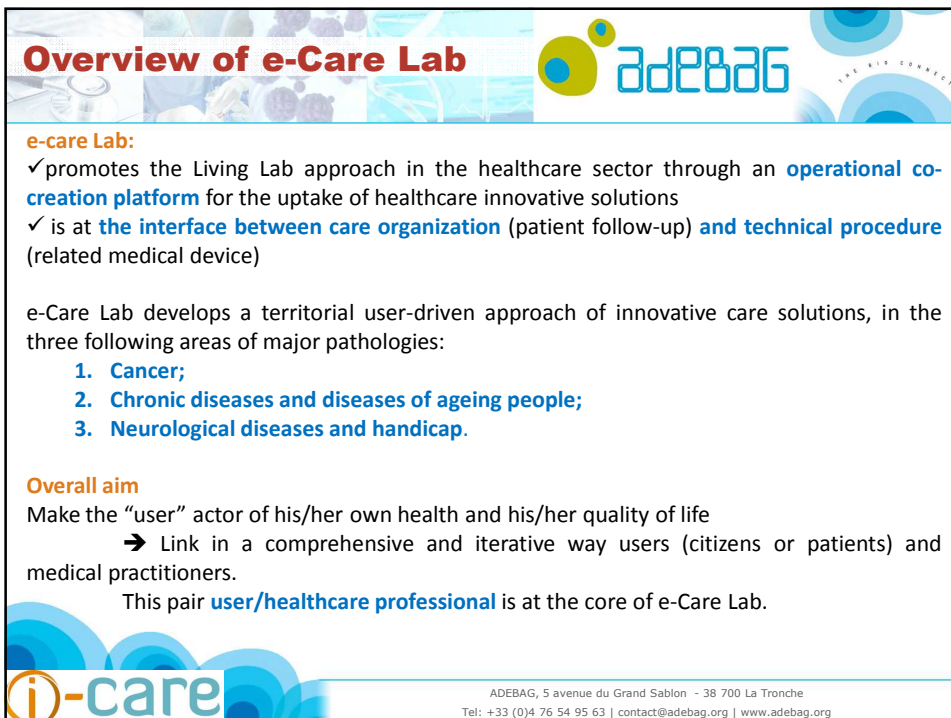
Health Care Technologies in Rhône Alpes

- More over 250 enterprises, 20 000 employees, 400 Hospitals and Clinics and 17 Public or Private specialized research centers
- In this domain, Rhône Alpes is leader in France and a world wide reference regarding medical innovation.
- Strong local specialization : implants in Saint Etienne, Robotized surgery and diagnostic in Grenoble, Electronic Medical Record in Lyon.
- A group of industrial branches converging towards medical technologies matching with new application and markets such as mechanics, plasturgy, advanced textiles or ITC.

e-Care promoted by I-Care cluster and ADEBAG got the Living Lab label in 2010 from ENOLL

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Overview of e-Care Lab

e-care Lab:

- ✓ promotes the Living Lab approach in the healthcare sector through an **operational co-creation platform** for the uptake of healthcare innovative solutions
- ✓ is at **the interface between care organization** (patient follow-up) **and technical procedure** (related medical device)

e-Care Lab develops a territorial user-driven approach of innovative care solutions, in the three following areas of major pathologies:

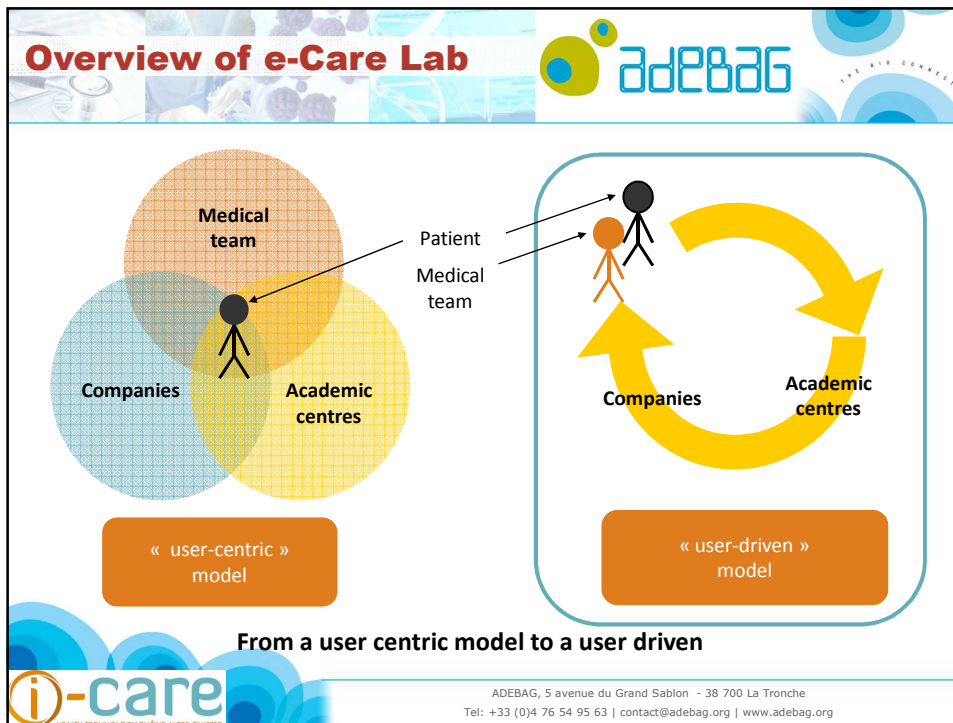
1. **Cancer;**
2. **Chronic diseases and diseases of ageing people;**
3. **Neurological diseases and handicap.**

Overall aim

Make the “user” actor of his/her own health and his/her quality of life
 → Link in a comprehensive and iterative way users (citizens or patients) and medical practitioners.
 This pair **user/healthcare professional** is at the core of e-Care Lab.

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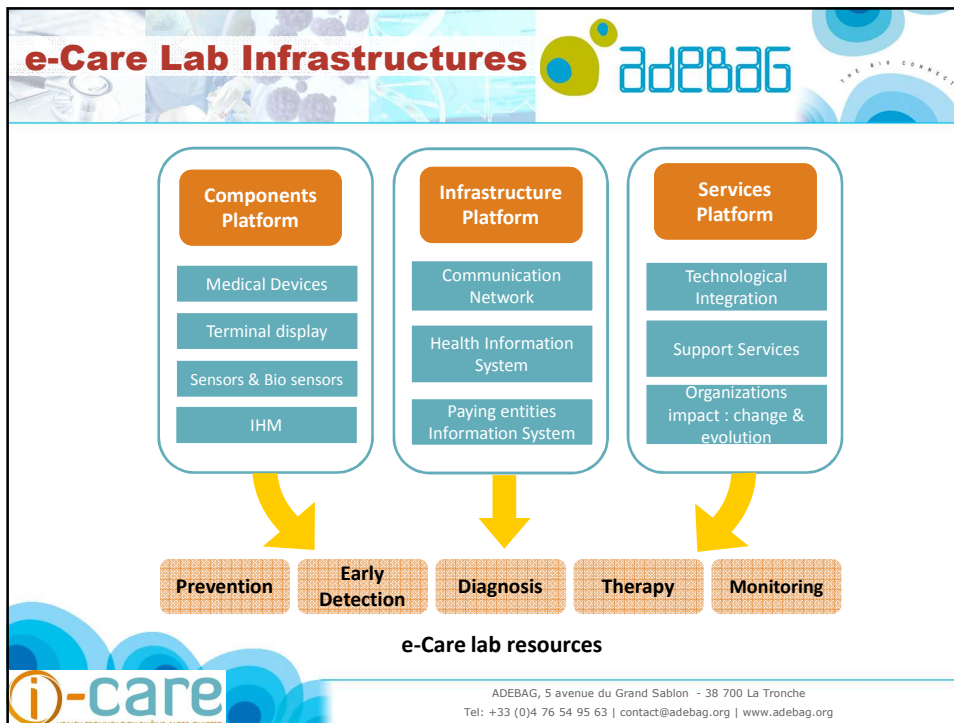
e-Care Lab missions

Mission
Foster innovation within the health ecosystem through an increased interaction between: Services and products providers, Financing organizations, Research centers, Users and Local authorities.

More specifically, e-Care Lab :

- ✓ promotes **open innovation** in this area through network animation, economic and technical intelligence and training
- ✓ provides an organization to identify and label innovative projects addressing technical, organizational and social challenges in care
- ✓ facilitates **access to test and evaluate platforms**
- ✓ develops and applies a methodology to monitor field applications through the assessment of medical provided service, results communication and promotion

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e-Care user involvement platforms

e-Care Lab offers a large spectrum of use conditions of products and services involving both professionals and users, from **design to test platforms** under tightly control to real life conditions.

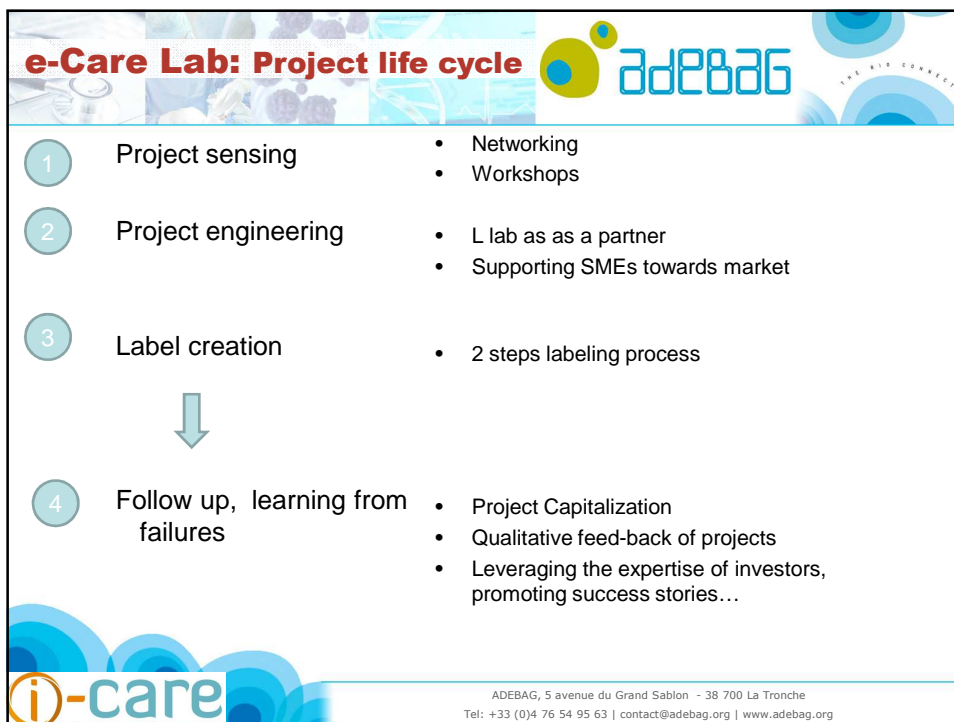
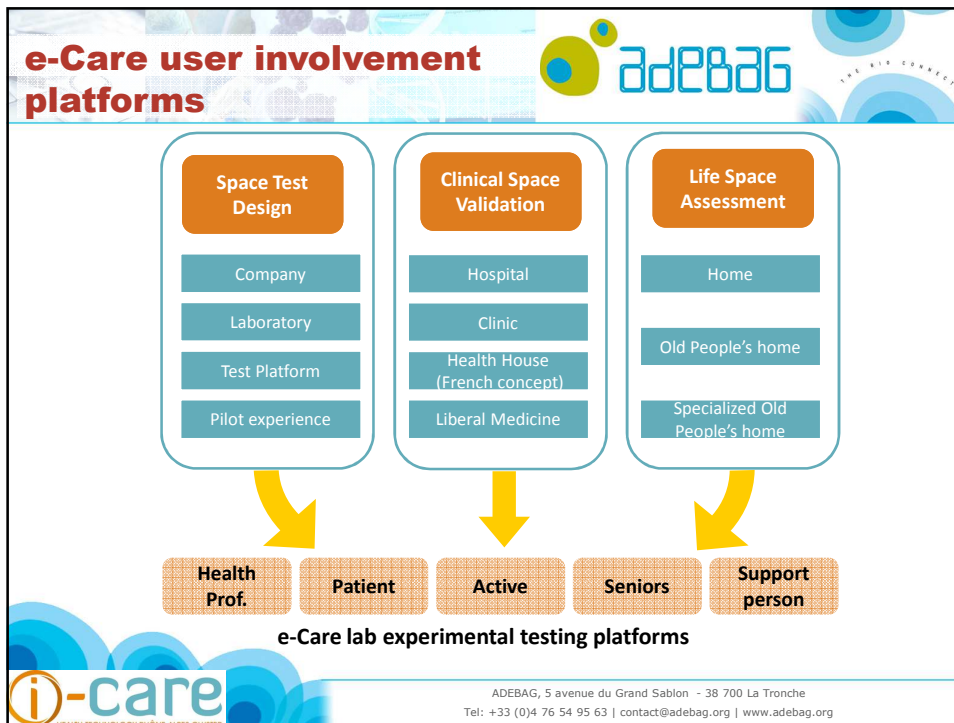
Products and services **validation are carried out by healthcare professionals** in hospitals and at doctors offices. Finally products and services are **evaluated on real life conditions at home**, retirement homes or medicalized ones

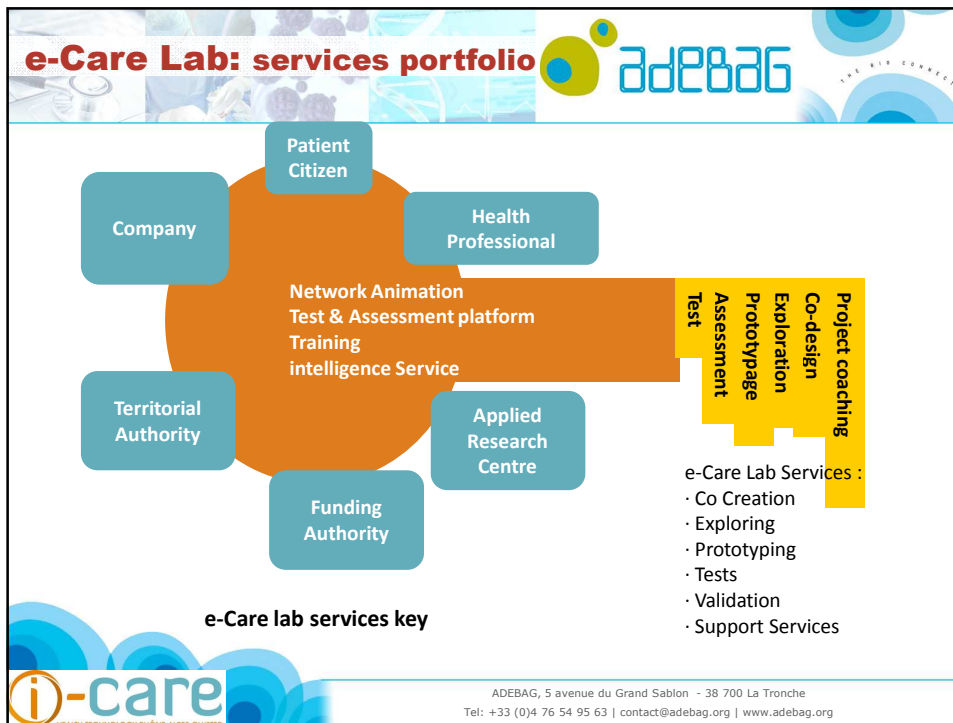
Examples of platforms:

- ✓ Ambient Assisted Living platform (Floralis and partners) – Space test and design
- ✓ Augmented Interventions in Medicine (AIM) platform – Clinical Space Validation
- ✓ Life Space Assessment : a multiaxial evaluation methodology in real life conditions

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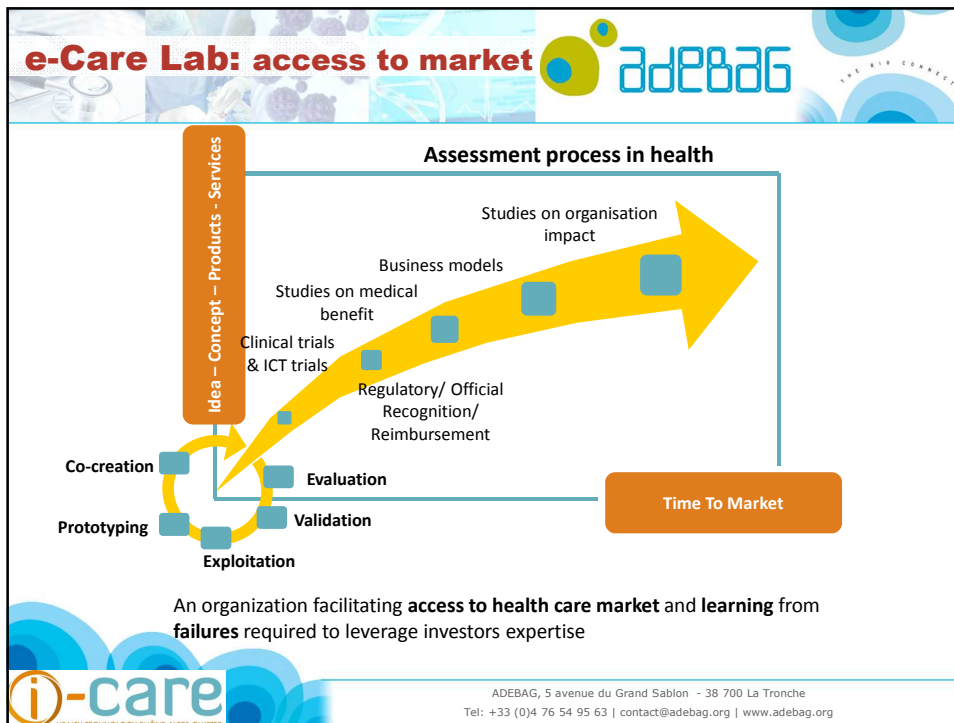
e-Care added value to stakeholders


- ✓ **Facilitates communication within a complex value chain of actors**, to share a diversified knowledge and increase synergy among them to elaborate inclusive offers able to reach the market.
- ✓ Manages support **services fully adapted to the specific constraints of medical market** which include numerous validation steps: regulatory, socio-economic, clinical, evaluation of the provided service, reimbursement.
- ✓ Facilitates the **participation of physicians and patients to the development process** of industrial companies, focusing on SMEs, micro-organisations and start-ups. These organizations benefit from highly reliable market evaluations and thus deliver more accurate and reliable products and services.

Clinicians and/or patients' needs and expected performances can also be assessed in state-of-the-art evaluation platforms allowing the design of systems and products, their validation and evaluation, meeting with their requirements prior installation in clinics, homes, etc.

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Thanks for your attention

Valérie Ayache
Managing Director
 +33(0)4 76 54 95 64
Valerie.ayache@adebag.org

 ADEBAG, 5 avenue du Grand Sablon - 38 700 La Tronche
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