

Welcome and introduction

Tino Martí - EHTEL



What is Laurel?

- Laurel is an EU-funded project that aims to help care systems **build better systems for integrated long-term care.**
- Over the next three years, we will **study existing systems** and gather insights into the regional and gender differences of long-term care provision.
- Using this intelligence, we will produce **actionable policy recommendations and training tools** to help systems all over Europe deliver more effective and equitable care.

Our action plan

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1 Develop methods and tools for **mapping** and characterising integrated long-term care services
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2 Undertake a field study to identify the most **innovative and effective services**
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3 Analyse the features and **context-dependent** factors of these services, including the best **innovative practices and supporting technologies**
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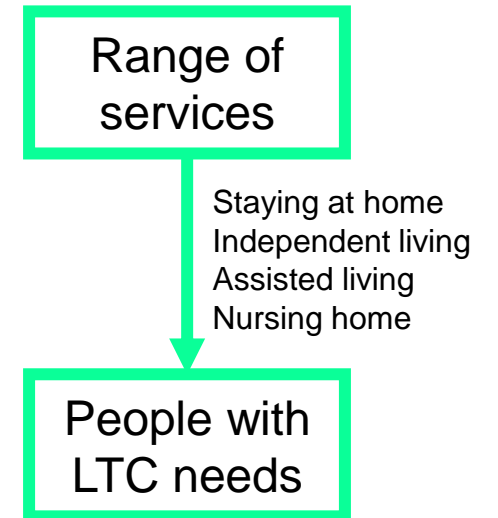
4 Carry out qualitative research to generate a consensus on **actionable policies** by investigate change management strategies
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5 Produce a **white paper** that gathers all the findings of the project into actionable policies for decision makers
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6 Develop **training courses and tools** to make our finding accessible to those delivering care

What is long-term care?

- Long-term care is defined **as a range of services and assistance** for people who, as a result of mental and/or physical frailty and/or disability over an extended period of time, depend on **help with daily living activities** and/or are in need of some **permanent nursing care** (European Commission)
- Long-term care refers to a **broad range of personal, social, and medical services and support** that ensure people with or at risk of a significant loss of intrinsic capacity (due to mental or physical illness and disability) can **maintain a level of functional ability consistent with their basic rights and human dignity** (WHO)





Objectives of this session

EHTEL

Collaborating for Digital Health and Care in Europe

#Imagining2029

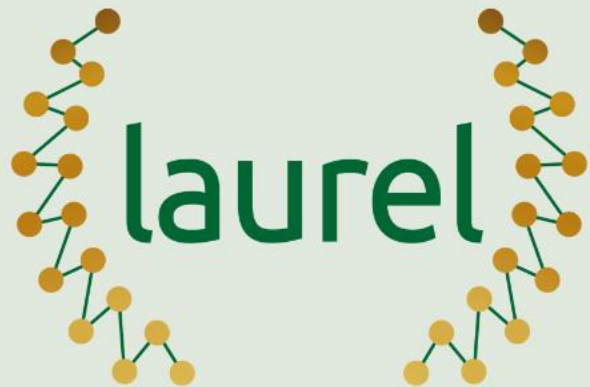
1. **Showcase** innovative applications of digital technologies to improve long-term care.
2. **Discuss** about potential and future applications of digital technologies to long-term care.
3. **Reflect** on how to assess these innovations.

Approach: Imagining 2029 webinar with Laurel partners and EHTEL members and friends



Agenda

- **Innovations from the field: SISS Manresa**
Bartomeu Ayala (Althaia) and Xavier Gironés (Catalan Government)
- **Laurel digital framework concept**
Jorge Alfonso (UPM)
- **Moderated discussion**
Sara Canella (EHTEL)



Innovations from the field: SISS Manresa

Bartomeu Ayala – Althaia

Xavier Gironès – Catalan Government

Creation of the Integrated Social and Health Care Service - 'SiSS Manresa'

PhD. Bartomeu Ayala

Head of Training and Professional Development at the Althaia Foundation



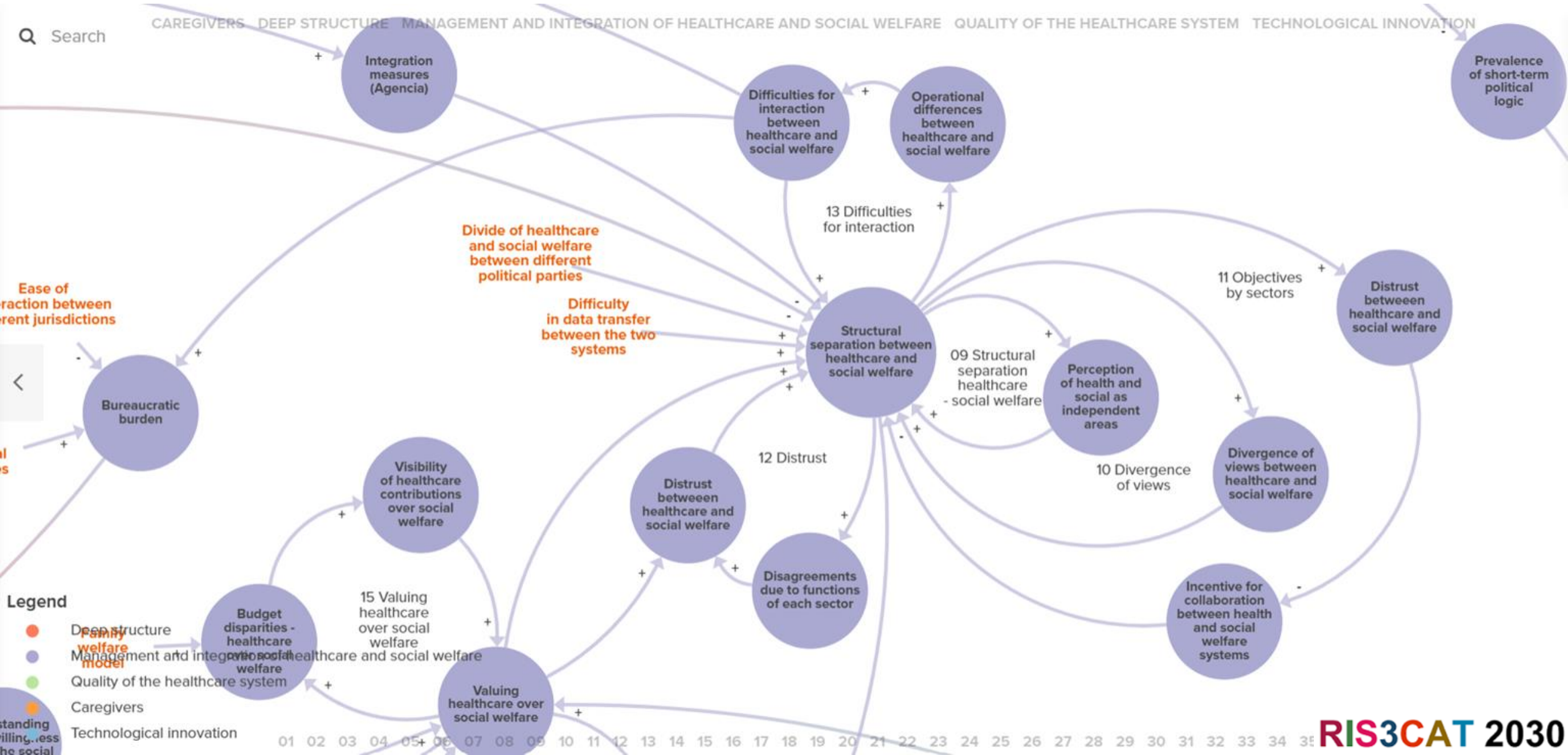
RIS3CAT 2030



Manresa, Central Catalonia




Systemic map on dependency and chronicity



the problem, the challenge, the mission

Shared vision for the future

RIS3CAT 2030


 People living in **dependency** and **vulnerability** in Catalonia, as well as their informal caregiving environment, have improved their well-being and quality of life, thanks to the fact that **health** and **social** professionals **coordinate synergistically**, and there is effective collaboration between **all the actors involved** that generates impactful knowledge, driving the creation of **innovation ecosystems**, new **technologies** and new **business models**.



the problem, the challenge, the mission

Transformative outcome

RIS3CAT 2030

 Care providers, hospital and health and social care organisations work together to address the problems and needs of dependency and vulnerability. They **share information, knowledge and skills** to develop effective solutions.

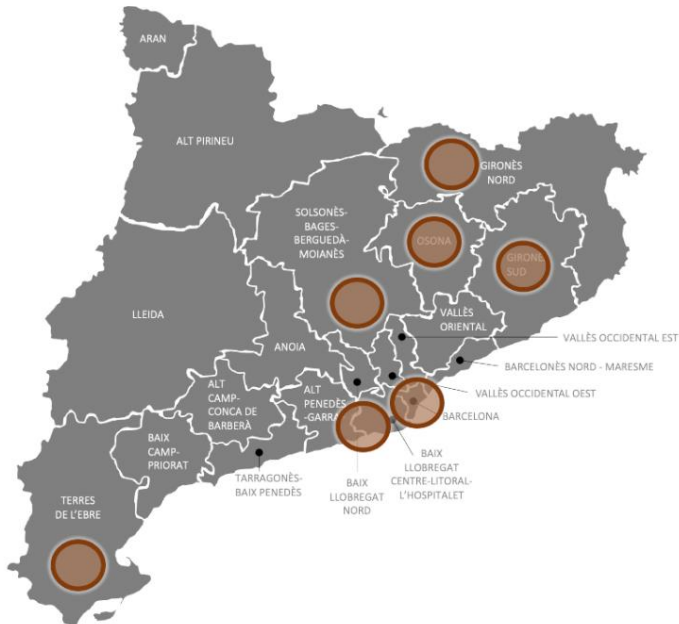
Performance

 Creation of the **Integrated Social and Health Care Service** that incorporates all the elements of value: case management, shared care plans, bank of support products and occupational therapy service with a population and territorial base and accessible by the Social Services and Health. (**SiSS Manresa**)

The context of SiSS Manresa Model

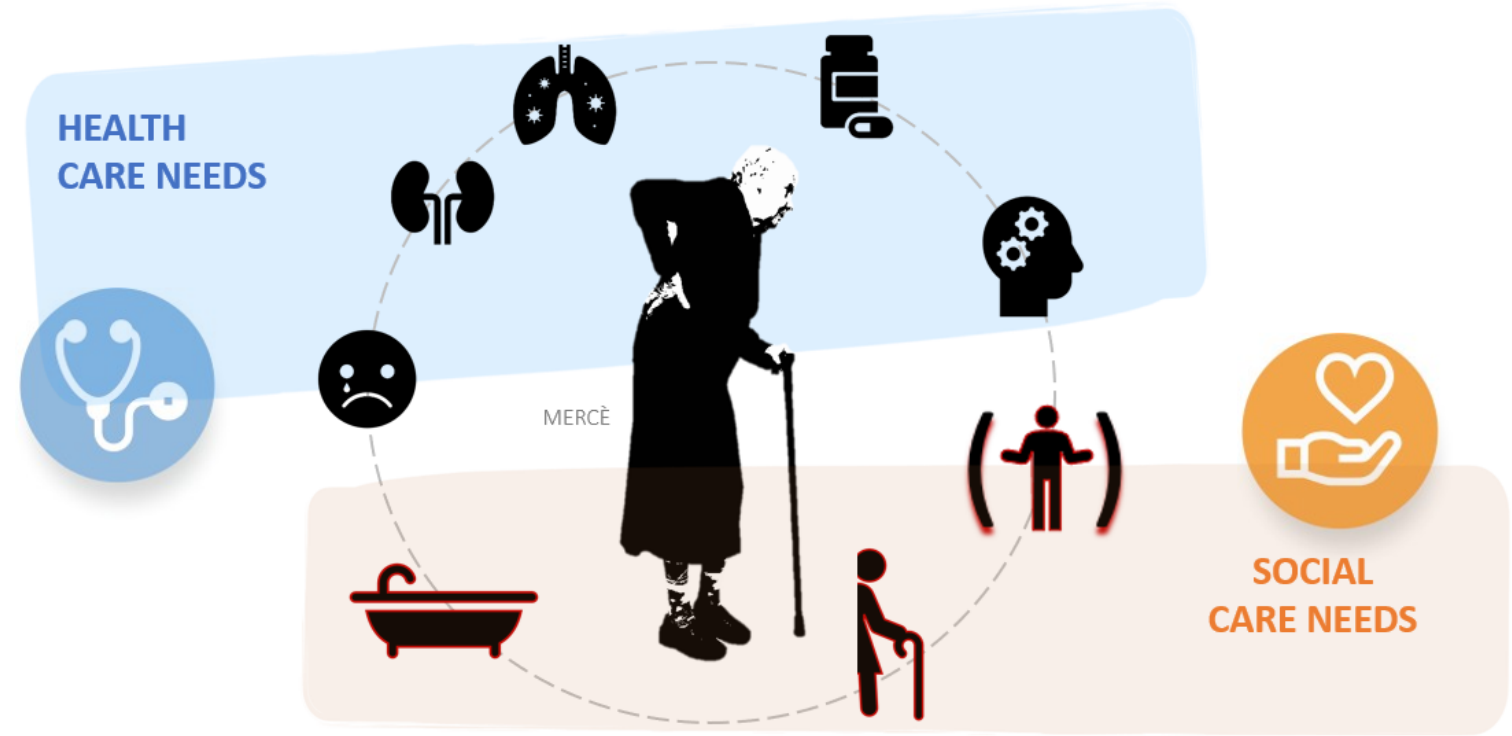


The added value of the SiSS Manresa Model



Model definition

SiSS Manresa is an integrated health and social service model, which has developed a unique model, using technology to improve quality of life in at home care.



the case of Manresa (Central Catalonia)

the uniqueness of the model

01 extension of perimeter

The Carer with their own Individual Home Care Process (PIAD).
Single PIAD prioritisation.
Consensus and closure of the single PIAD, always in the home.
The voice of the citizen present. to the governing bodies.

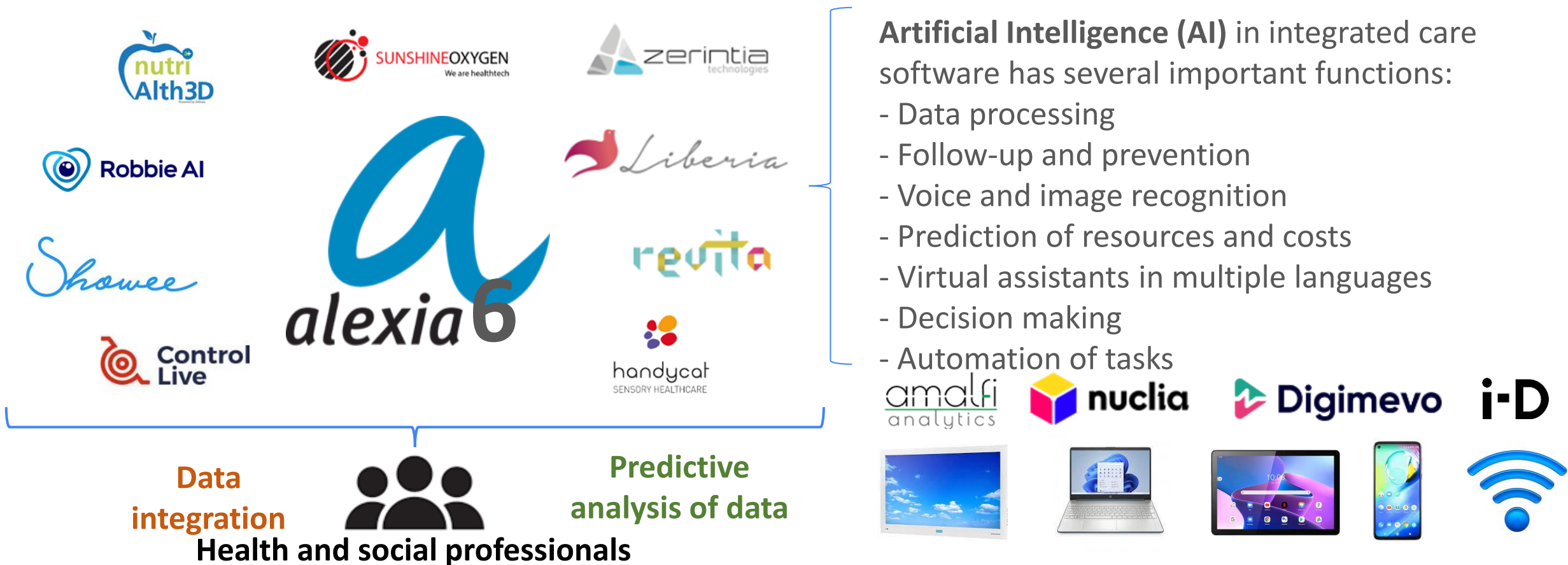
02 at the service of XPD

New technological solutions to improve XPD,
e.g. AI for predictive support, emotional recognition, etc.

03 process platform

Platform to support activities and relationships in a process-oriented way, not only to collect,
e.g. assessment or care plan as a checklist.

Integration scheme of SiSS Manresa technology

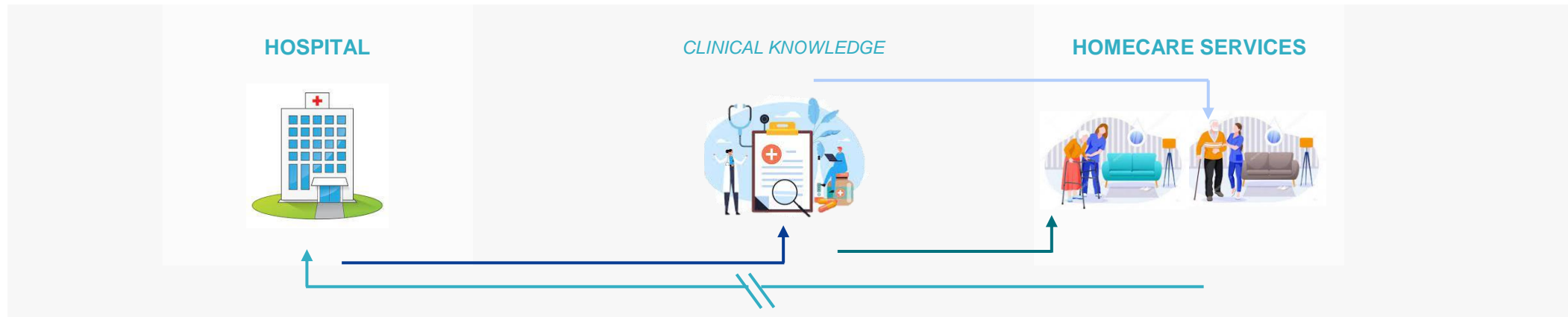


The **Alexia6** integrated care software is a tool that facilitates the integration of services and the coordination of professionals and levels of care to guarantee quality and person-centered care. This type of software allows sharing information, making joint decisions and planning, developing and evaluating the care process with the active participation of the person being cared for.



alexia 6

Respond to remote collaboration between professionals in a secure and simple way



AVAILABILITY OF EXPERTS WITHOUT TRAVELLING

- ✓ Reduction of waiting lists.
- ✓ Improve clinical results.
- ✓ Reduce travels.

COLLABORATIVE WORK BETWEEN PROFESSIONALS

- ✓ Time reduction.
- ✓ Improve workflow output and clinical results.
- ✓ Helps to take decision in critical moments.

SCREENING OF HOSPITAL VISITS

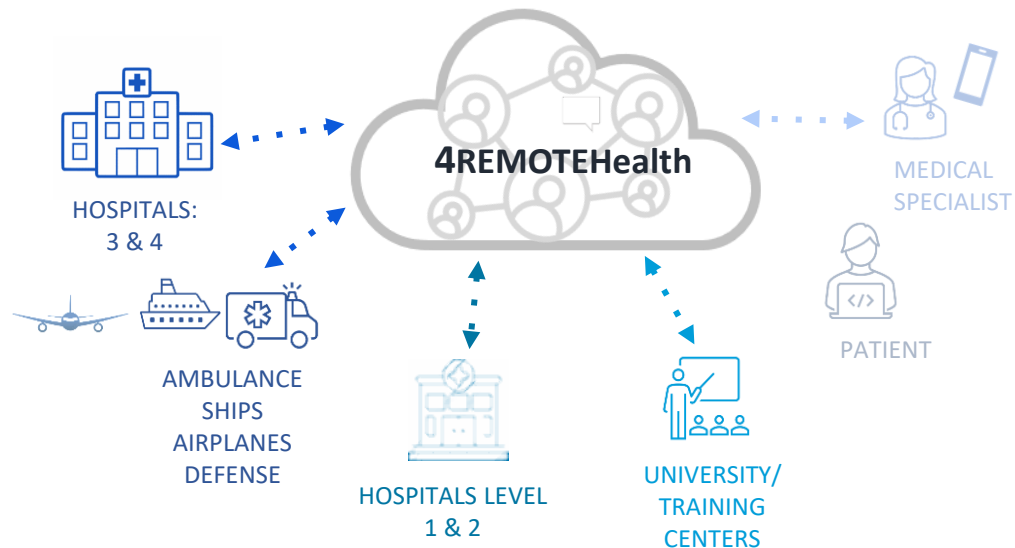
- ✓ Medical specialist resource optimization.
- ✓ Reduction of patient transfers by ambulance.

GUIDE AND TRAINING

- ✓ Support in complex situations.
- ✓ Accelerate medical training.

Our technology

4Remote Health, SaaS platform that **connects highly complex clinical spaces** for communication and interaction between professionals remotely in real time... **allowing remote collaboration, advice, training and divulgation of clinical knowledge in high complexity and critical environments.**



Integration of medical devices and wearables



Deployment Simplicity (On premise or cloud)



AR Augmented reality



Secure access



Easy use and access for clinical professionals, from mobile phone, tablet or PC.

Transforming care delivery Access to medical specialists



Collaborative homecare



Hospital Sant Joan de Déu

Collaboration between homcare professionals and hospital.

Challenges

Reduce hospital visits

The demand for care exceeds the capacity to provide an urgent care service due to the availability of specialist doctors

Increase efficiency

Guarantee health care for a pathology with disproportionate demographic growth

Improve patients' lives

Improve the quality of life of chronic patients with specialized medical care without travel

Solution

- Safe communication between home care professionals from patients' home and specialist doctors at the Hospital.
- The 4Remote Health platform allows collaboration between home care professionals and the specialist doctor in real time and remotely from the patient's home. Audiovisual conference to exchange information, allowing external doctors to assist immersive to the treatment of patients integrating medical devices, cameras and audio.
- Streamlines clinical decision making with real-time patient data.

Value contribution



Reduction of hospital visits thanks to the support of medical specialists

Time

Time reduction in travels and decision making



Innovation in patient care process enabling better care delivery and quality of life.

Creation of the Integrated Social and Health Care Service - 'SiSS Manresa'

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