TIC Salut Social

Innovation and Digital Transformation

Empowering Catalonia: **Promoting healthcare equity through upscaling of digital solutions**

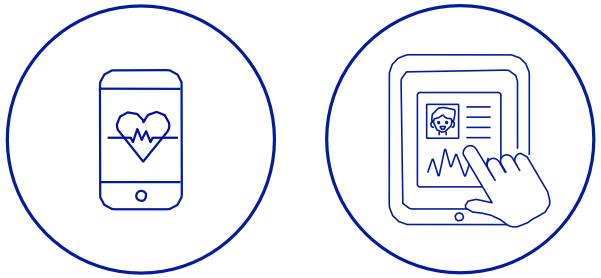
2023 EHTEL Symposium

November 29, 2023

TIC Salut Social

Generalitat de Catalunya

Digital Health Solutions



App WebApp

Substantial rise
in availability and popularity

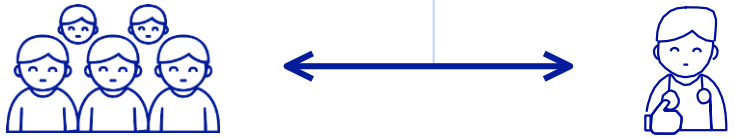
GET IN ON Google Play

Download on the App Store

Importance in healthcare

- Management of personal health
- Support to clinical practice

Redefinition of relationship



Patients Professionals

Digital Health Solutions in Catalonia

Patient-Centre Solutions

Relation

Personal Health Record

Health & Wellness Solutions

Health Care and Promotion

Specific Medical Specialties

Patient-Centre Solutions

Main Personal Health Record

Some individual hospitals solutions

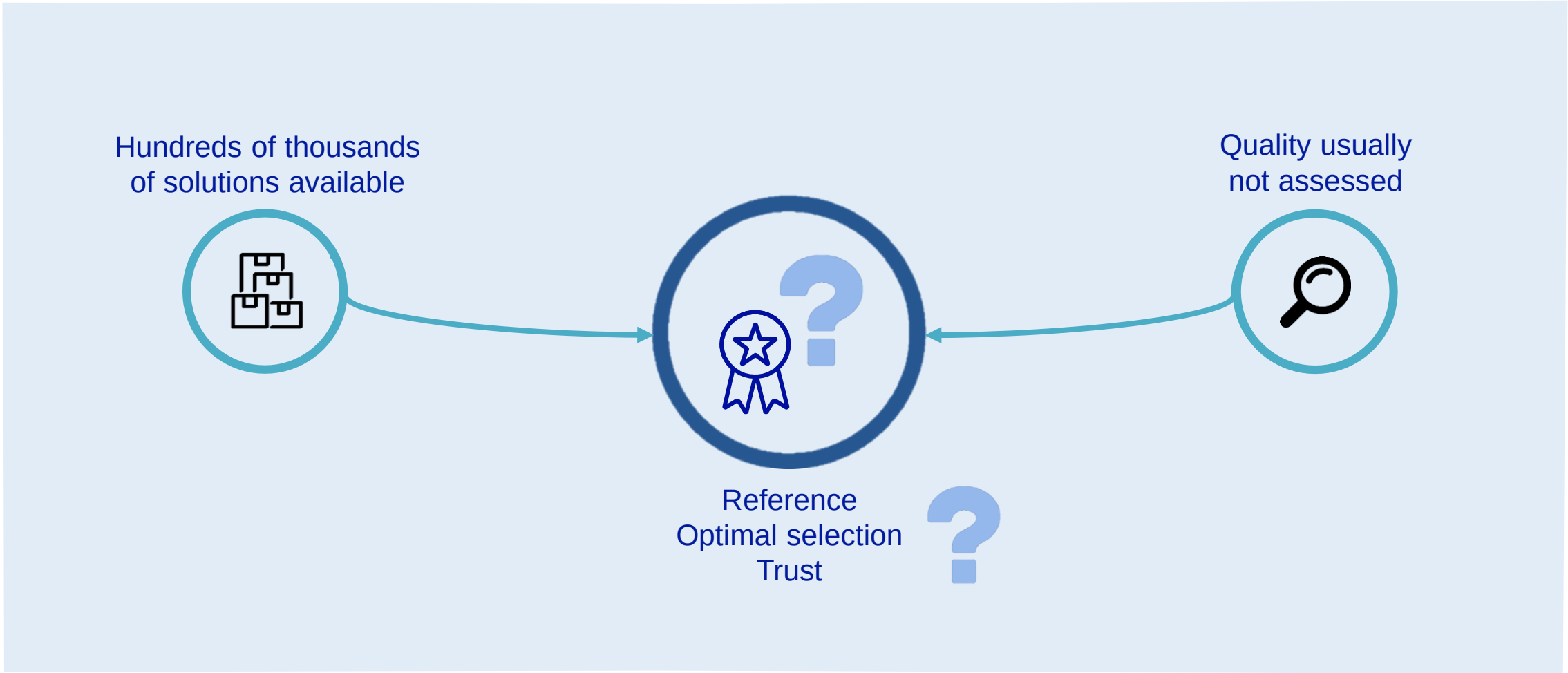
Added functionalities

El meu HUB

Portal del Pacient

- **Different Sign-On**
- **Decreased Healthcare Equity in Rural Areas**

Health & Wellness Solutions



Overview of the Project

Ministry of Health
Government of Catalonia

TIC Salut Social

CatSalut

Aim

Identify, adopt and upscale Digital Health Solutions with **La Meva Salut**

Catalan Healthcare System (SISCAT)

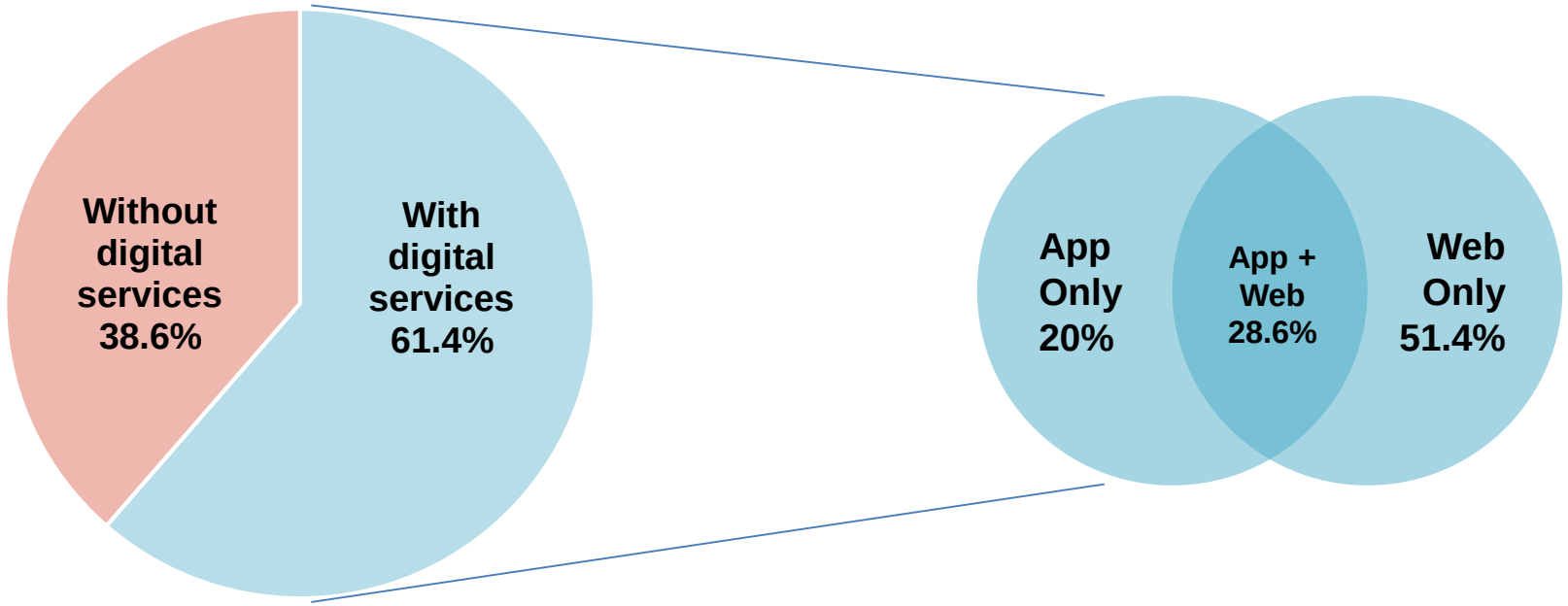
Observatory for Digital Health Solutions

- Identification of solutions and analysis of their services

Observatory: Patient-Centre Solutions

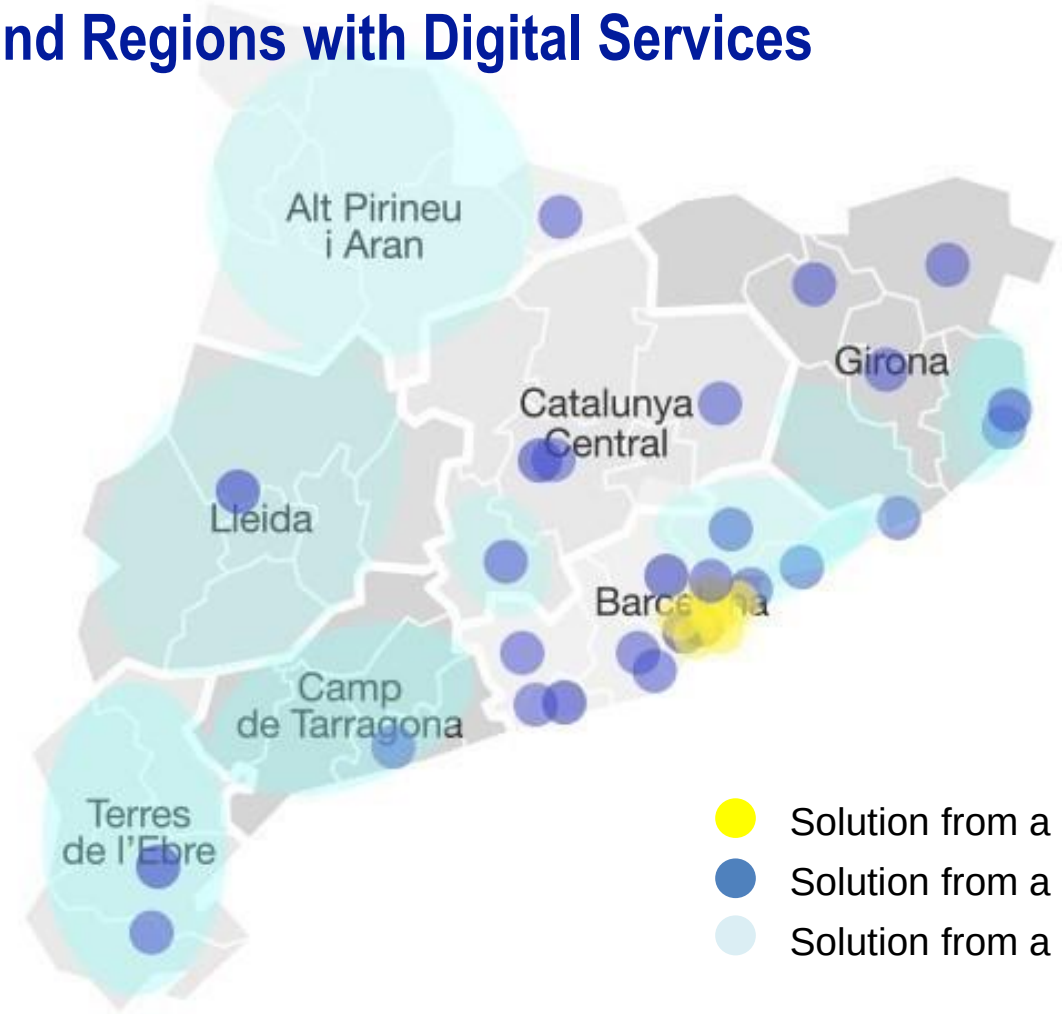
Hospitals within the Catalan Healthcare System

61.4%
of hospitals offer digital services

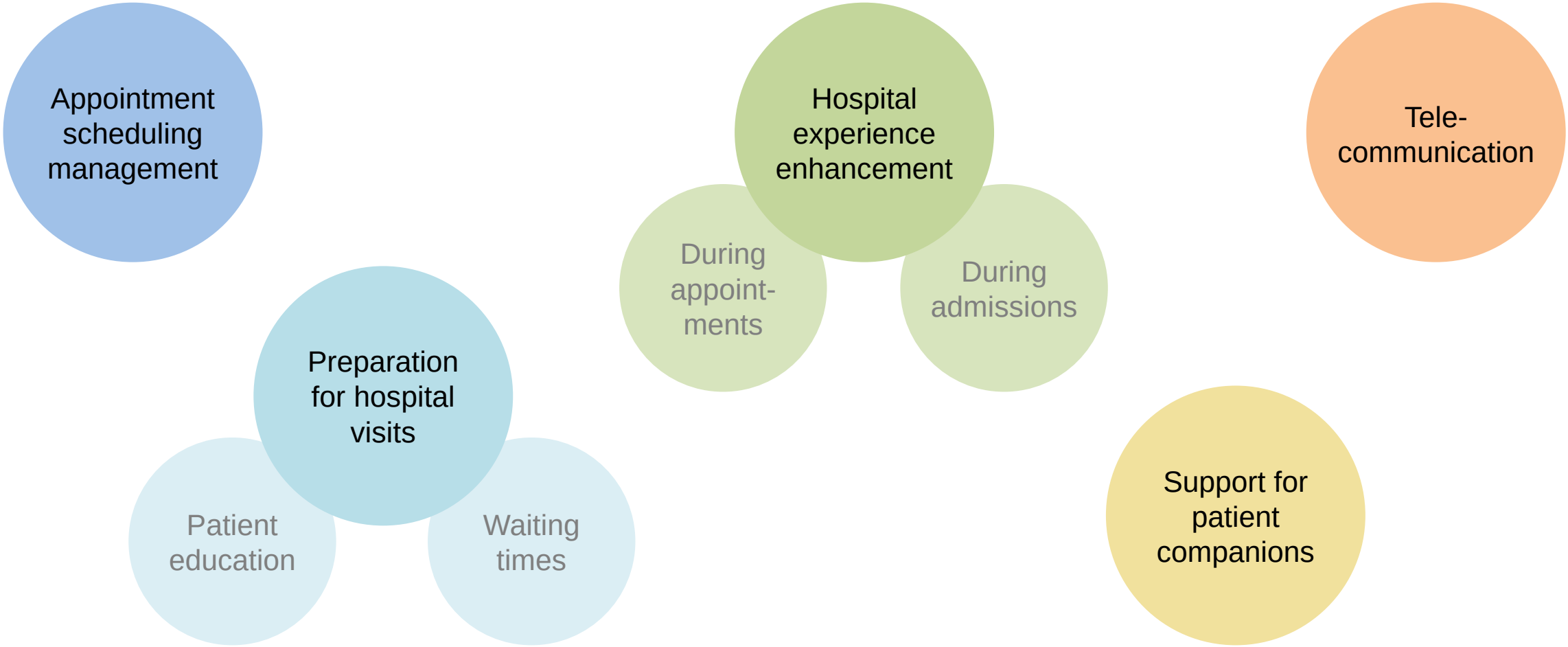


Observatory: Patient-Centre Solutions

Location of Hospitals and Regions with Digital Services



Observatory: Patient-Centre Solutions. Services offered



Observatory: Patient-Centre Solutions. Services offered

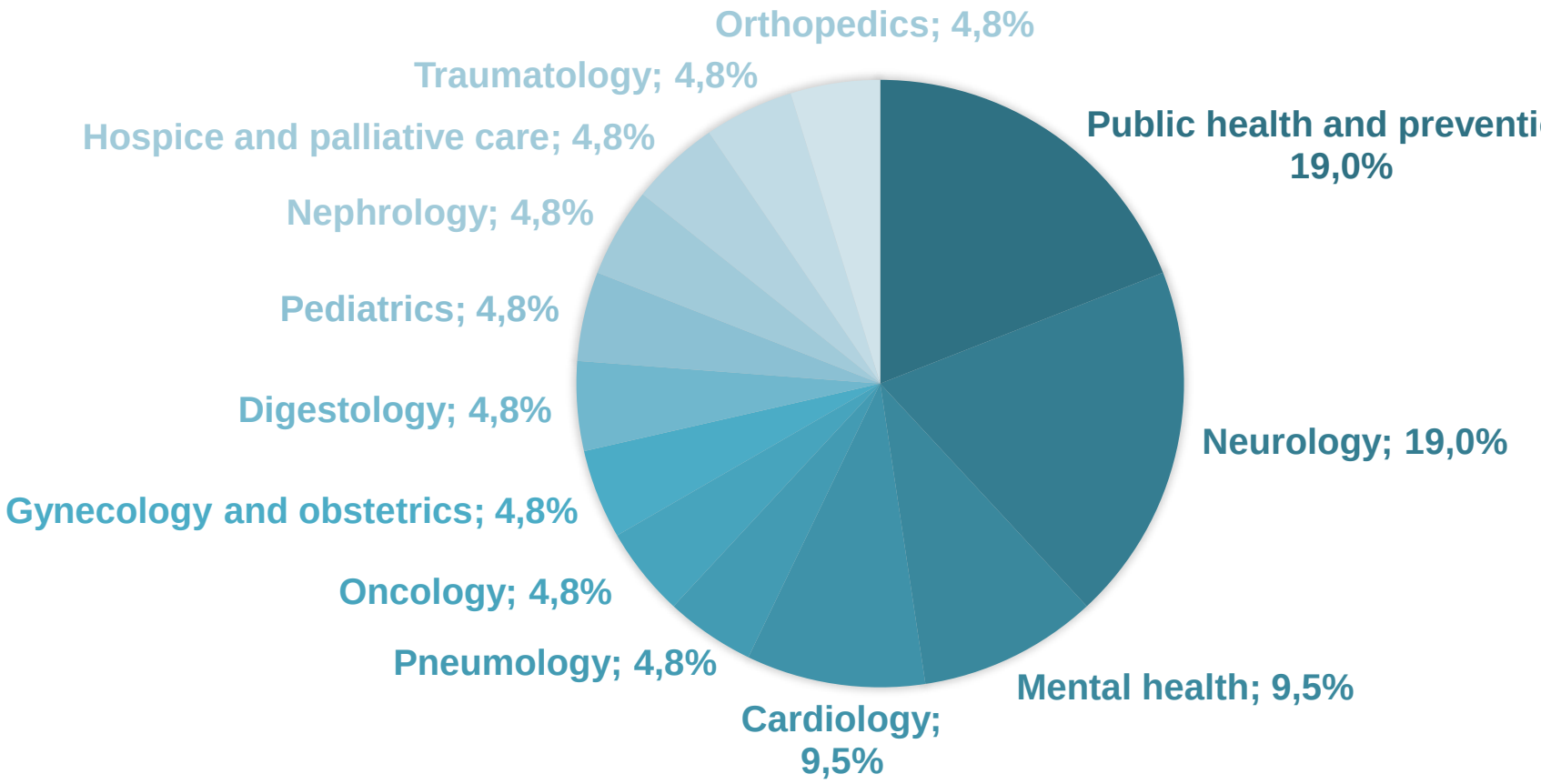
63%	Cancellation of appointments
43%	Surgery progression
37%	ER waiting times
11%	Registration of entry
6%	Integrated video consultations
3%	Directory of prescribed solutions

Observatory: Patient-Centre Solutions. Services offered

Observatory: Health & Wellness Solutions

Classification according to medical specialties

Hospitals within the Catalan Healthcare System



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More uncommon: Use of third-party solutions

Observatory: Health & Wellness Solutions

Example: eSalut App

Tele-monitoring

Great number of pathologies, processes and medical specialties

Specific methodology for each

- Health assessment forms
- Challenges
- Exercises

Cognitive rehabilitation, sleep apnoea, persistent Covid-19, stroke, cardiac surgery, newborns and paediatrics, and many others.

- Integrated with the Hospital Information System
- Willingness for escalation

Good practice.
Developed by a High-Technology Hospital in Catalonia

Including Digital Health Solutions in La Meva Salut

Ministry of Health. Shared decision-making

Establishing the inclusion of Digital Health Solutions in La Meva Salut

La meva /Salut gencat

→ All relevant solutions in a single digital space

- Single Sign-On
- Redirection

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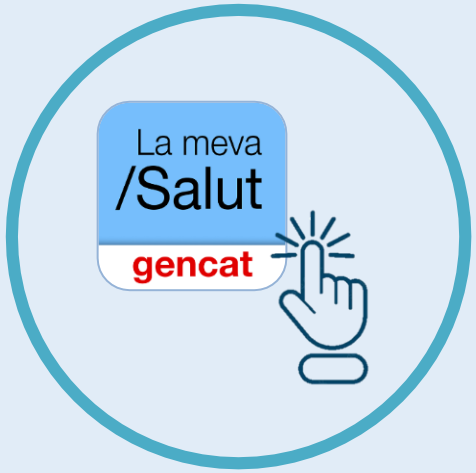
Methodological Guide for developers

Based on CEN ISO/TS 82304-2

→ Available to all hospitals within the Catalan Healthcare System

Initiatives on Patient-Centre Solutions

Further analysis



Evaluation of current use

Interviews

Initiatives on Health & Wellness Solutions

2016

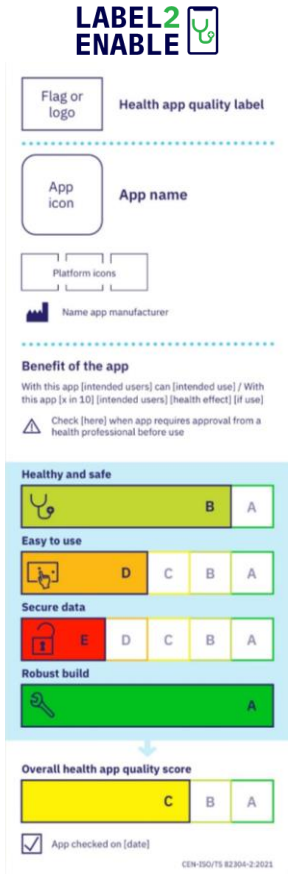
Presentation of Our App Certification Service.

2022

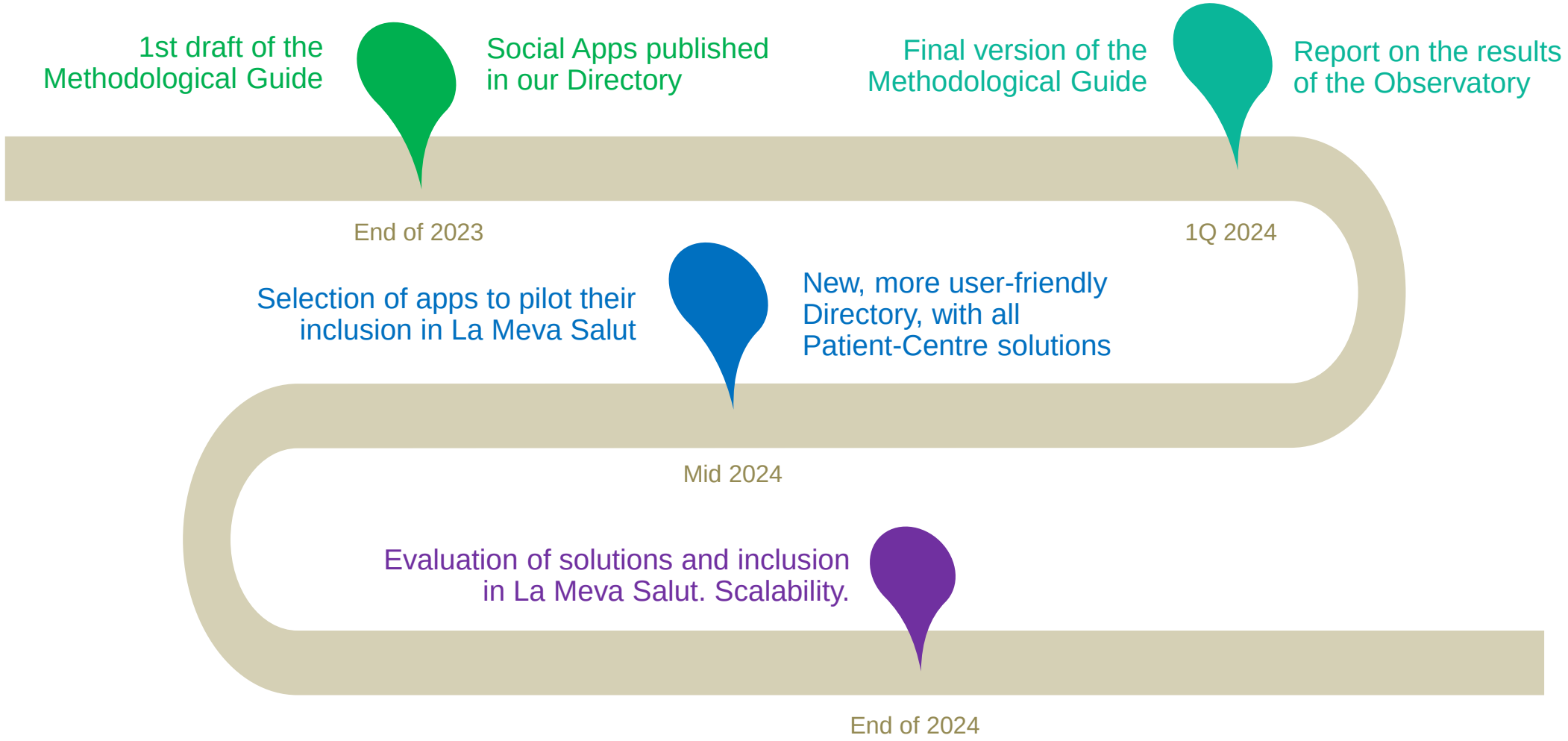
Obligation for certification in a public competition.
Certification of 9 additional Apps.

Collaboration in Label2Enable. European quality label.

Publication of a Digital Assets Directory in our website.



Roadmap: Our Future Steps



Take Home Messages

- **Value of Digital Health Solutions for healthcare,** both to patients and professionals
  - **Importance of a broad analysis on available solutions to shed light on usability** and avoid duplicating already existing solutions
- **Essentiality of facilitating the use of Digital Health Solutions**
  - Need of references for their reliability. Directory, Certification.

Including relevant Digital Health Solutions in the same space as the citizens' **personal health record** seems a good technique in order to **promote** and **upscale** them.

All efforts can contribute to improving healthcare equity and quality.

UNICOM EHTEL iHD

DIGITAL HEALTH AND DATA WEEK

28/11 - 1/12/2023

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