

A FEDERATED COLLABORATIVE CARE AND  
CURE CLOUD ARCHITECTURE FOR  
ADDRESSING THE NEEDS OF MULTI-  
MORBIDITY AND MANAGING POLY-PHARMACY

# ADLIFE PROJECT

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no 875209

Integrated personalized care for patients with **AD**vanced chronic diseases to improve health and quality of **life**

**Call:** SC1-DTH-11-2019:

*Large Scale pilots of personalized & outcome based integrated care*

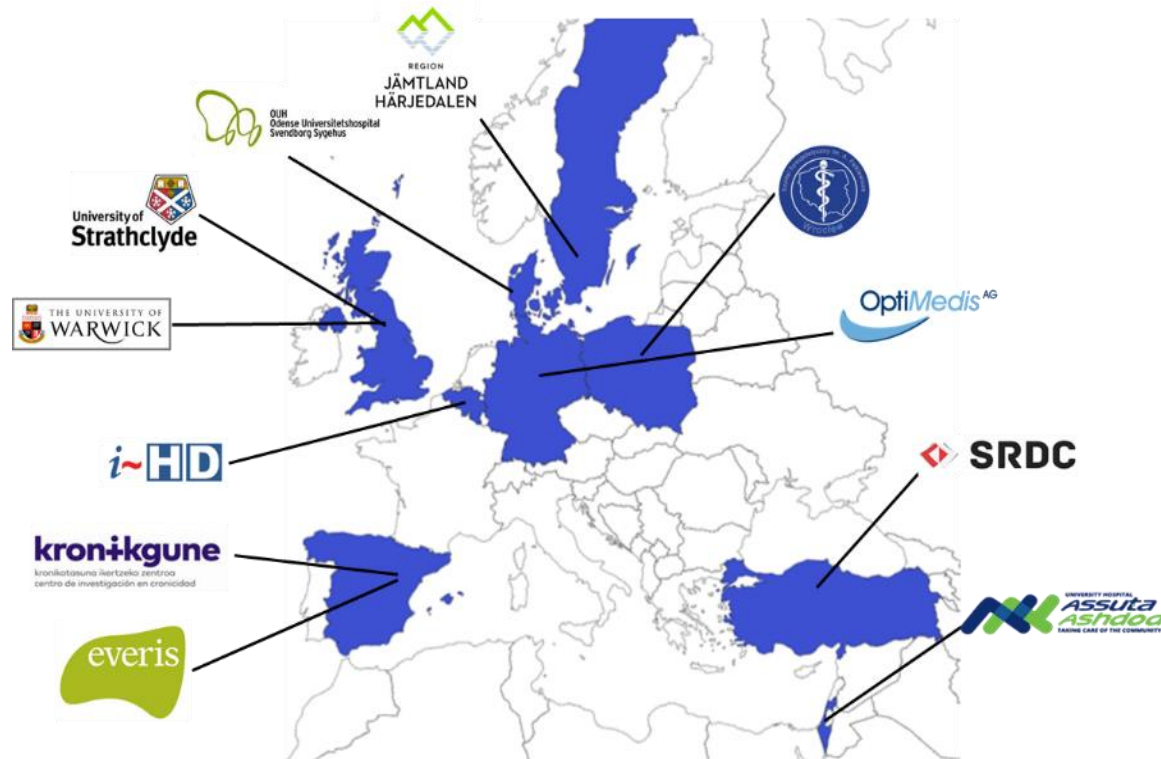
11 partners

7 Pilot sites

**Duration:** 4 years

**Budget requested:** 6.379.671 €

Grant agreement no 875209



- Achieve **quantified gains in patient health status**, preventing unnecessary suffering, slowing down clinical and functional deterioration and improving Patient Reported Outcomes
- Obtain **improvements in efficiency** making better use of resources, increasing coordination and improving working conditions of professionals.
- Protect **functionality and enhance autonomy**, empowering patients to participate in decision making and adapting to their changing conditions and context.
- Demonstrate that ADLIFE intelligent and outcome-based personalized care model is flexible and can be **deployed at large scale** and be **trusted** in regard to data access, protection and sharing.

## Outcome-based care

Person-centered care



Personalized  
adaptive care plans

Intelligent tools



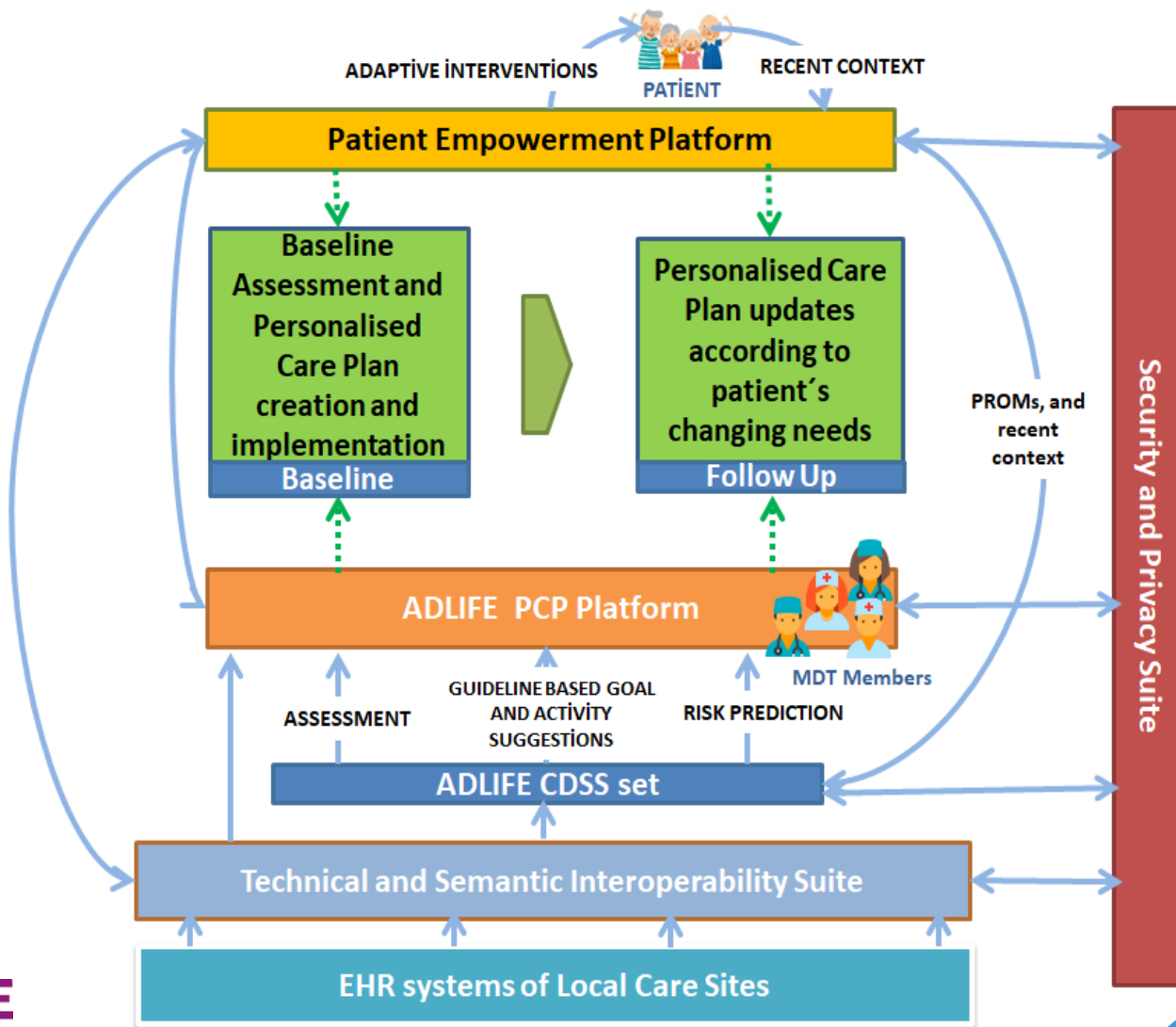
Clinical decision support  
services

Active role



Patient and care givers  
empowerment

# ARCHITECTURE



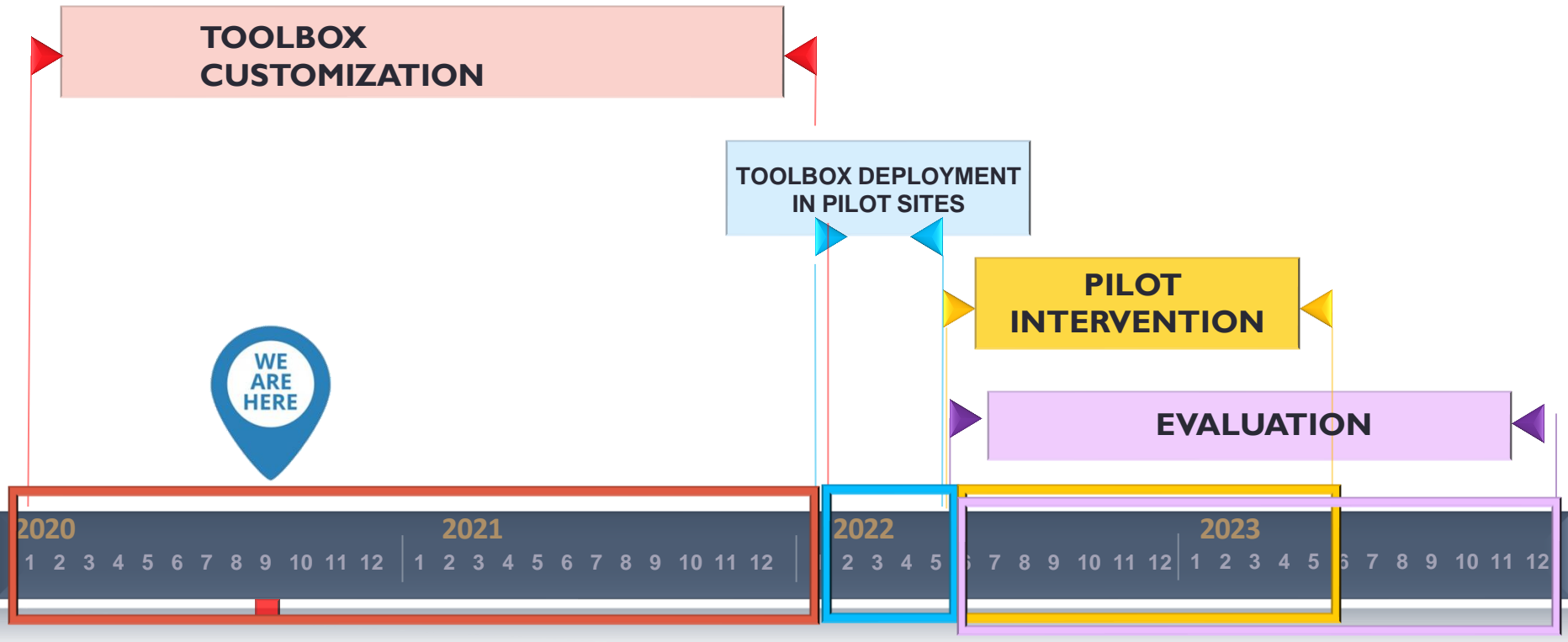
**577 healthcare professionals, 75 hospitals/clinics/primary care centres in seven countries.**

**Altogether 882 severe and complex patients**

- Over 55 years old
- Heart failure (NYHA III-IV)
- And/or COPD (FEV1 <50), >2 GOLD scale.
- With/without comorbidities: ± Diabetes ± Chronic renal failure ± Chronic hepatopathy ± Stroke ± Mild cognitive disorder.

**More than 190,000 patients** could benefit in a short-term with the project results in the participating regions where

# TIMING





ADLIFE is a **large scale deployment**, that builds on **C3Cloud Key Exploitable Results (KER)** and C3Cloud **experience** and team **insights** including the **care model, approach, methodologies** and some of the **digital solutions** developed and validated for integrated and personalized care.

ADLIFE **further** develops tools' **usability and functionalities**:

- Development, customization and deployment of personalized care **planning** for **complex and severe clinical conditions**.
- Extension of **the clinical decision support systems** by means of AI based prediction models and early warning systems and the integration of **scales and heuristic risk algorithms** and additional **clinical guidelines**
- Reinforcing **patients' active role and self-management** according to their context including **Patient Reported Outcomes Measurements, Just in time empowerment adaptive interventions** and **Shared Decision Making**



**Thank You!**  
**¡Gracias!**  
**Eskerrik asko!**



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