

# QEAP Project

## Quality by Easy & Automatic Planification

## 2 PARTNERS

### Who We Are

➤ The **French Red Cross**

Leader of the projet: strong experience in the **social field**

We manage **577 health centers & care facilities**. Among them:

- 33 residential accomodation for dependent elderly people
- 31 services of nursing care at home
- 14 at-home services

→ Those centers will serve as a testing ground for QEAP.

➤ The **CEA** (French technologic research center)

Co-applicant: expertise in **artificial intelligence**

- 2 CEA teams involved in the project: text recognition, information extraction, planning tools, translation of users' needs into rules



# WHAT IS QEAP?

An **innovative tool** that will make it easier to **plan working schedules** for care workers & managers in long term care institutions. It will improve:

- The care of **beneficiaries** by taking into account their needs and preferences
- The work of **health Managers** by helping them make strategic decisions about the organisation of the elderly support
- The life of **health Workers** by taking into account their skills & states of fatigue (degree of physical stress)

**OUR AIM: to improve the quality of life of beneficiaries  
& the quality of worklife of health professionnals!**

# WE CAN DO IT!

Thanks to AI (Artificial Intelligence),  
the tool will be designed with the following data:

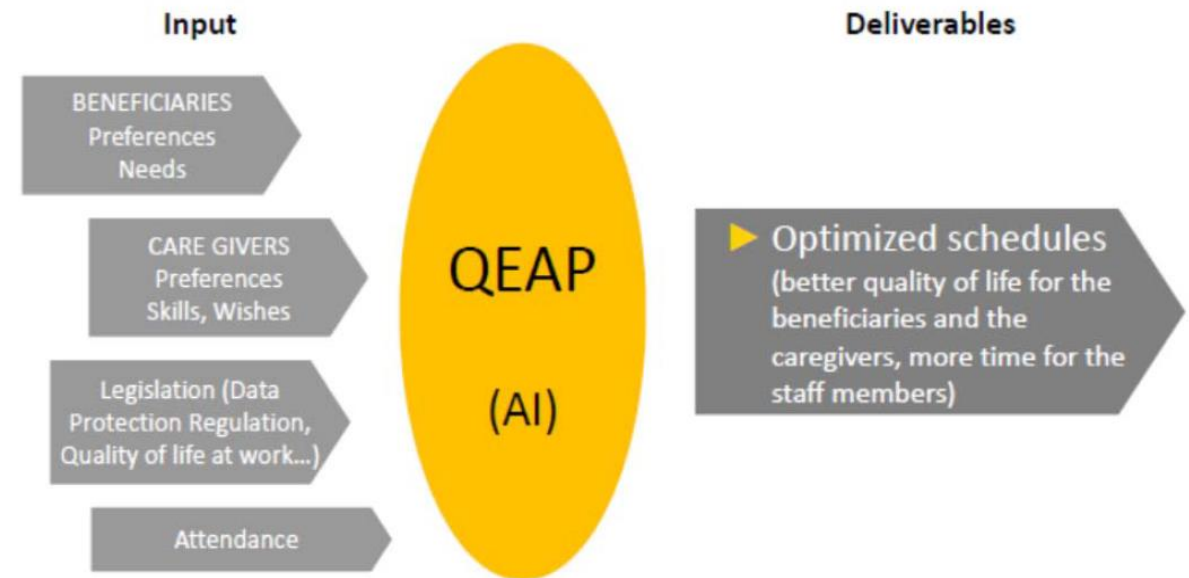
- ✓ Beneficiaries' needs
- ✓ Professionals' skills
- ✓ Regulatory constraints
- ✓ Staff turn over
- ✓ Absenteeism

## RESULTS:

**Optimized schedules** with indicators that help make the best decisions with existant constraints.

**Improved life** for beneficiaires & professionals.

Diagram representing the QEAP project :



Looking for



1. Financial partners
2. Development of web application
3. European partners to experiment the project

**Thank you!**