QEAP Project

Quality by
Easy & Automatic Planification
2 PARTNERS

➢ 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 accommodation 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 preferencies
- 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
✓ Professionnals’ skills
✓ Regulatory constraints
✓ Staff turn over
✓ Absenteeism

RESULTS:

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

**Improved life** for beneficiaires & professionals.
1. Financial partners

2. Development of web application

3. European partners to experiment the project

Thank you!