

# HORIZON 2020

## HEALTH PARTNERING DAY 2017

HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

Session 1: Better Health and care

## SACM: Smart Adaptive Case Management for palliative care (Eurecat)



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# Project Idea



## Smart Adaptive Case Management

- Main objective of SACM:
  - to demonstrate the health, social and economic impact and feasibility of implementing interventions based on self management systems for patients and their carers and smart adaptive case management for professionals.
- Operational objectives:
  - To integrate a self management system for the patients and their carers, with the aim to favour the maximum independence and personal and social autonomy
  - To develop a collaborative tool for professionals so they can share their experience and findings
  - To implement (brain computer) interfaces adapted to the patient for enhancing autonomy and communication
  - To deploy a smart empathic system that responds to basic needs of the patients
  - To establish a coaching system to maintain an environment conducive to patients' physical and intellectual activity as far as possible
  - To promote and monitor a diet and medication consistent with that recommended

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# Company expertise

## eurecat



## About Eurecat

Organization and skills

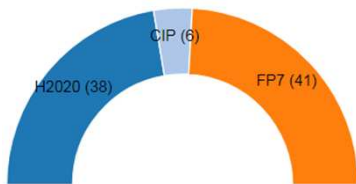
Multidisciplinary private non-profit research center

Eurecat is the main Technology Centre in Catalonia

### Figures

- 600 professionals
- 60 M€ revenues
- +1,000 customers
- 8 spin-off companies
- 73 patents
- 29 EU projects as coordinator
- +100 EU projects

● H2020 (38) ● CIP (6) ● FP7 (41)



#### INDUSTRIAL TECHNOLOGY AREA



Autonomous & Industrial Robotics



Composites



Functional Printing & Embedded Devices



Functional Textile



Metallic and Ceramic Materials



New Manufacturing Processes



Plastic Materials



Process Modelling & Simulation



Product Innovation and Development



Sustainability

#### BIOTECHNOLOGY AREA



Nutrition and Health



Omic Sciences

#### DIGITAL TECHNOLOGY AREA



Audiovisual Technologies



Big Data



Data Mining



Digital Humanities



E-Health



IT- Security



Smart Management Systems

#### Some related EU projects

Ongoing

##### MOVECARE (H2020-ICT)

Virtual empathic caregivers

[http://cordis.europa.eu/project/rcn/206414\\_en.html](http://cordis.europa.eu/project/rcn/206414_en.html)

##### NESTORE (H2020-SC1-PM)

Coaching for elderly to retain activities

[http://cordis.europa.eu/project/rcn/211703\\_en.html](http://cordis.europa.eu/project/rcn/211703_en.html)

##### CONNEXARE (H2020-PHC)

Collaborative and self-management platform

[http://cordis.europa.eu/project/rcn/206414\\_en.html](http://cordis.europa.eu/project/rcn/206414_en.html)

Finalized

##### BACKHOME (FP7)

Brain computer interfaces

[http://cordis.europa.eu/project/rcn/101842\\_en.html](http://cordis.europa.eu/project/rcn/101842_en.html)

##### WIISEL (FP7-ICT)

Wireless insole for footstep monitoring.

[http://cordis.europa.eu/project/rcn/100976\\_en.html](http://cordis.europa.eu/project/rcn/100976_en.html)

##### SAAPHO (AAL)

Tablet control

<http://www.aal-europe.eu/projects/saapho/>

★ Project coordinated by Eurecat

HEALTH-NCP-NET 2.0 project is funded by the European Commission

## SACM Partners

- Already interested partners:
  - Hospitals in five different EU regions
  - Large IT Company
- We are seeking partners in the following areas:
  - Palliative care specialists (clinical and care, traditional and innovative)
  - Multimorbidities specialists
  - Specialists in evaluating economic impact
  - Patients associations
  - Institutions with experience on patient-centered research for end-of-life care and well-being of terminal patients
  - SME companies willing to exploit the project results

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**Topic**



SC1-BHC-23-2018: Novel patient-centered approaches for survivorship, palliation and/or end-of-life care

Self management systems, Smart adaptive case management, coaching, empathic Smart systems, information sharing, artificial intelligence, big data, wearables, textile integration

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## Contact details



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