

# HORIZON 2020

## HEALTH PARTNERING DAY 2017

HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

Session 1: Better Health and care

## TASK4HUMANS: Mental health by adapting work to the workers (Eurecat)



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# Project Idea

## TASK4HUMANS

## Adapting work to the worker for promoting mental health

- Main objective of TASK4HUMANS:
  - to demonstrate the health, social and productive effectiveness and feasibility of implementing interventions based on adapting the task to perform to fit in with the skills, and predicted and current physical and mental state of the workers
- Operational objectives:
  - To create awareness on the relevance of mental health conditions and the related protection and risk factors within the working environments
  - To gather relevant information from the worker and the institution both from passive and active sources (using non-intrusive sensors and immediate feedback –smileys style-)
  - To develop a platform based on machine learning for appointing and planning the most adequate task to the workers
  - To evaluate the effectiveness of the intervention in terms of gained quality of life, QALY and productivity for the companies

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# Company expertise

## eurecat



## About Eurecat

Organization and skills

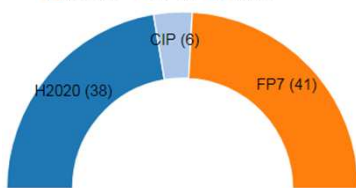
Multidisciplinary private non-profit research center

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



#### BIOTECHNOLOGY AREA



#### DIGITAL TECHNOLOGY AREA



#### Some related EU projects

Ongoing

##### 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

##### WISEL (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

## TASK4HUMANS Partners

- Already interested partners:
  - Mental health public clinical corporation covering an area of over 400,000 patients, ES
  - Office living lab of over 5,000 workers, ES
  - Manufacturing Company (SME), ES
  - Large manufacturing Company, IT
  - Cluster organisation of ICT companies, ES
- We are seeking partners in the following areas:
  - Mental health specialists (work-related stress, work-shifts and circadian influence...)
  - Insurance companies or entities for evaluating economic impact
  - Experts in corporate and business culture and coaching
  - End-users associations
  - SME companies willing to exploit the project results
  - Institutions with research experience on implementing interventions for promoting protective factors and avoiding risk factors in the workplace
  - Hospitals as a use-case

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# Topic



## SC1-BHC-22-2019: Mental health in the workplace

Work-related stress, task management, workforce management, circadian rhythm, work shifts, protective factors, risk factors, corporate culture, artificial intelligence, big data, wearables, psychophysiology, managerial changes

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## Contact details



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