



DECI - Digital Environment for Cognitive Inclusion" is a project funded under the Horizon 2020 initiative, the EU Framework Programme for Research and Innovation [Grant No.643588] - Call PHC20 - Advancing active and healthy ageing with ICT: ICT solutions for independent living with Cognitive Impairment















DECI aims at designing and demonstrating the value of

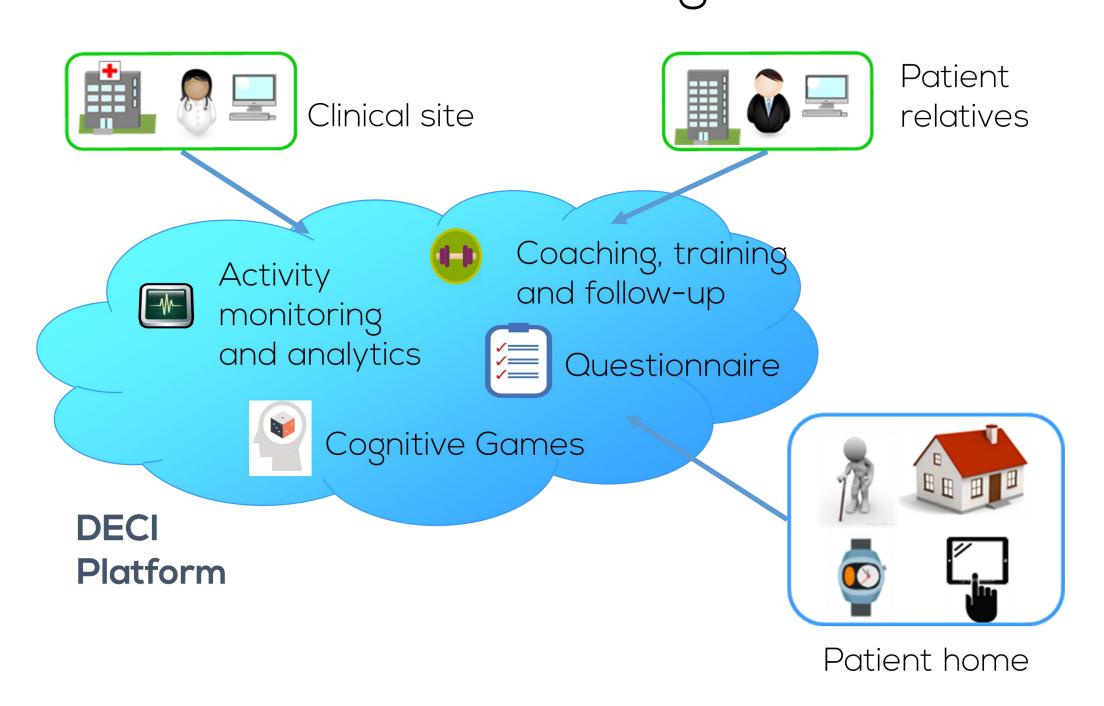
ICT-enabled interventions on business models for elderly

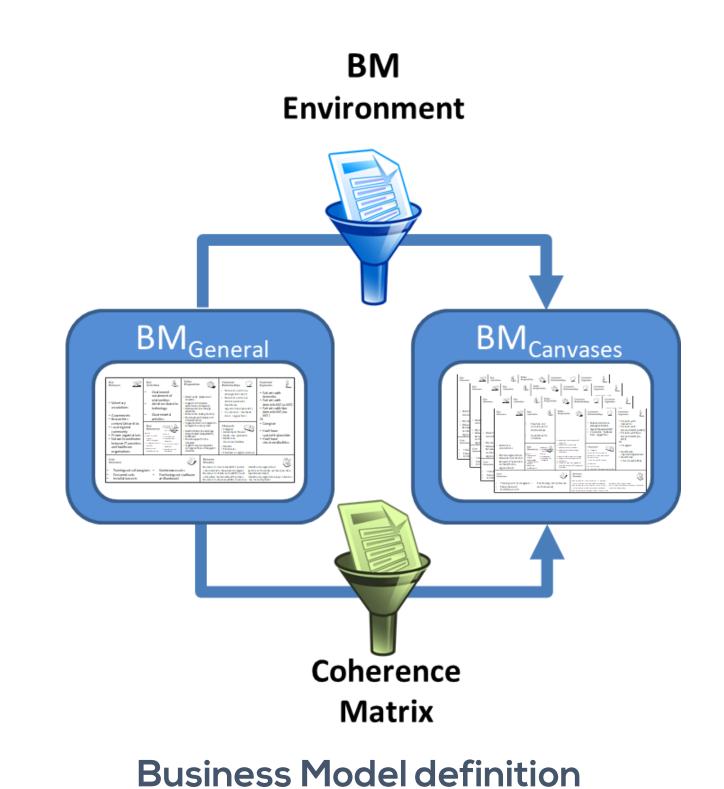
care, to be scaled across National Healthcare Systems

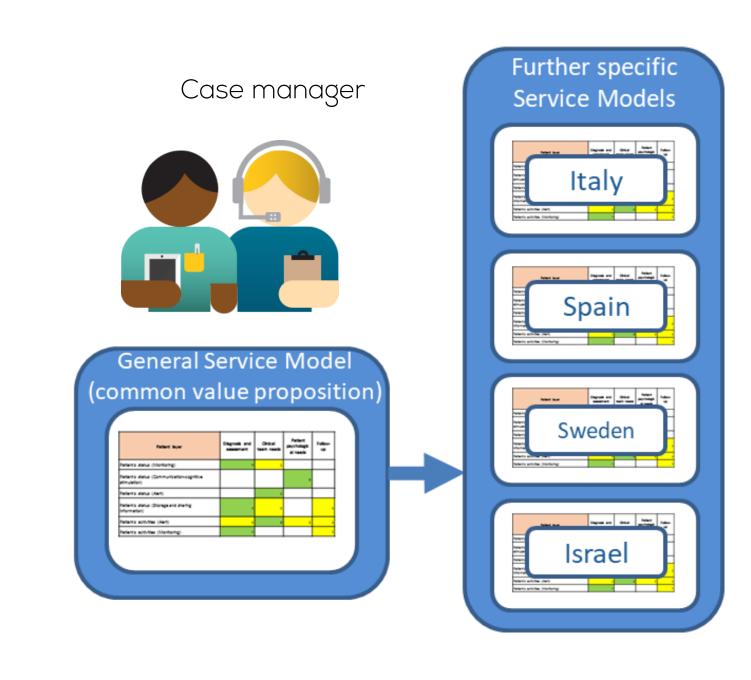


## DECI goals and innovations:

- The business model
- The digital solution
- The service and the organizational model

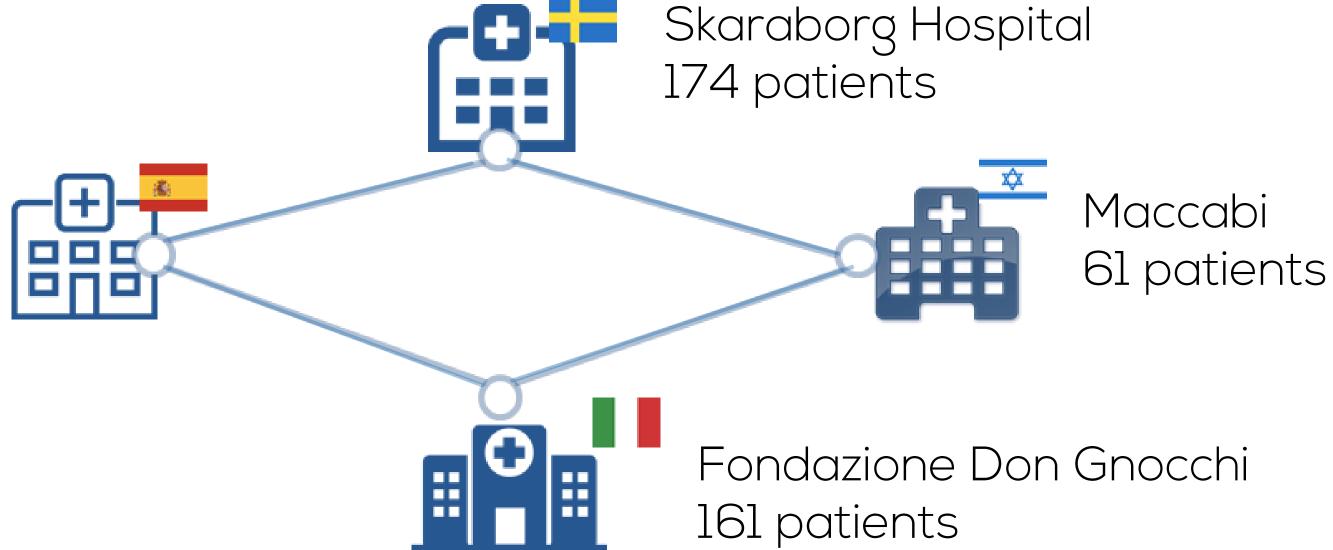






DECI service and organizational model

Hospital Universitario de Getafe 115 patients





More than

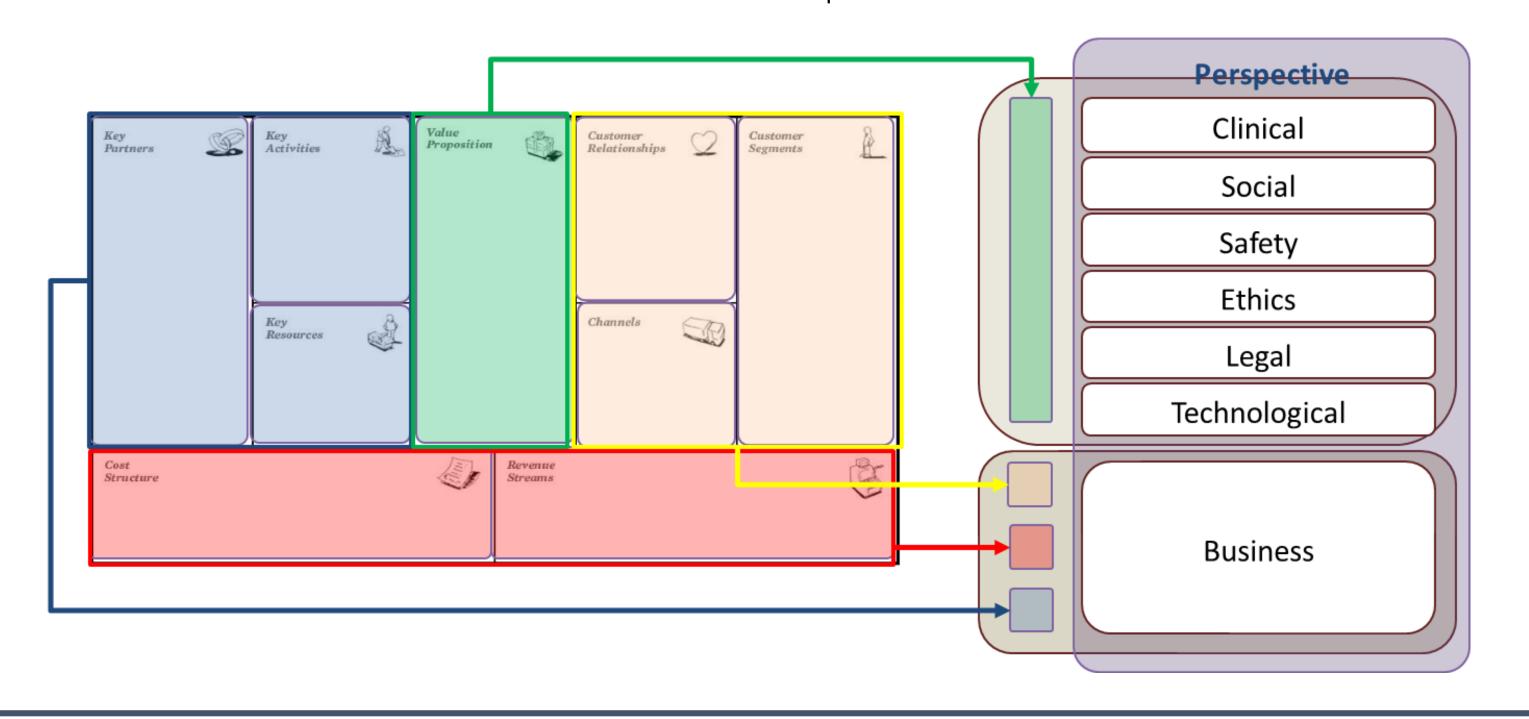
500 enrolled

patients in 4

Countries

## Project Impacts

From the Business Model to the impacts



## Measured impacts:

- From a clinical point of view, effect of DECI full intervention on autonomy in basic activity of daily living (stability of performance), likely related to physical activity training
- The organizational context (case manager) and clinician-patient relationships are crucial to success
- People with MCI are more interested in adopting the DECI service, but they need to be supported by clinicians they know and trust

Pistorio A., Gastaldi L., Locatelli P., Corso M., 2018. (Re-)Designing the Business Model of a Digital Ecosystem: an example in the Socio-Care Context. 11th International Conference on Health Informatics HEALTHINF.

Locatelli P., Cirilli F., Gastaldi L., Solvi S., Pistorio A., 2017. Progressively developing a business model to assist elderly patients with cognitive impairment through a digital ecosystem: a methodological approach. IADIS International Conference e-Health. pp. 19-26.

Pistorio, A., Locatelli, P., Cirilli, F., Gastaldi, L., Solvi, S., 2017. A Business Model for Digital Healthcare Environments: An Organic Approach and a Use Case for Handling Cognitive Impairment. Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies HEALTHINF, BIOSTEC, pp. 340-347.

www.deci-europe.eu





Improving elderly Citizen's Quality of Life through ICT-enabled Patient-centric Home Environments