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Fondo europeo di sviluppo regionale

**PON** IMPRESE E  
COMPETITIVITÀ  
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Riaccendiamo lo sviluppo

  
*Ministero dello Sviluppo Economico*



T Bridge is coordinator in the project

## **NET4HEALTH**

**(NETwork FOR HEALTH management)**

**Implementation of a technology platform to support continuity and personalization of patient care in the territory**

**Funding Program:** *Bando MISE PON I&C 2014 – 2020*

**Project Duration:** *The project has started on 01.02.2017 and will end on 03.07.2021*

**Free grant:** *€ 1.664.070,28*

**Lead Partner:** *T Bridge (I)*

**T Bridge role** *TBridge is the Project Coordinator and it will be in charge of developing the PDTA for the Cardiology clinical area; of the design, prototyping and testing (for the cardiology area) of the IT platform, of the study of the industrial exploitation of the research results.*

**Project partnership** *San Raffaele Roma (I), Olomedia (I)*

### **PROJECT ABSTRACT**

The NET4HEALTH project (NETwork FOR HEALTH management) has as its main objectives the design, creation, testing and validation of a computer platform to support the management of PDTA (Diagnostic Therapeutic Treatment Path) and PAI (Individualized Care Plan) for patients affected by chronic diseases typical of the elderly (heart failure) and cancer patients and, more generally, of workflows based on scientific evidence and compliant with guidelines and best practices.

The project aims to speed up and increase the effectiveness of therapeutic treatments performed in the dehospitalization phase, acting with digital technologies on the optimization of workflows and on the harmonization of activities involving health and social care facilities dispersed throughout the territory. The research prototypes include tools for the IT management of PDTA/PAI, Digital Services for distance monitoring, Applications for the management of Continuity of Care and Integrated Home Care, Statistical Analysis Algorithms and generation of predictive models.

The case studies are oriented in the oncological and cardiovascular fields.

The specific objectives are related to the realization of

- analysis and identification of medical, clinical and organizational PDTAs, both in oncology and in cardiovascular,
- analysis, definition and design of the architecture of reference for the platform to support the care activity
- prototypal realization of the platform enabling the collaborative paradigm of PDTA and PAI for the management of chronic patients
- experimentation and validation of the platform on Cardio and Oncology use cases and evaluation of improvements in the management process of chronic patients

Within the project, TBRIDGE will be responsible for developing the PDTA for the clinical area Cardiology, design, prototyping and testing (for the cardiology area) of the computer platform, the study of ways of industrial exploitation of research results.

