

FI-STAR AIMS TO FIND

- ★ Applications, which could revolutionize the way healthcare is delivered by professionals and informal carers. These new technologies are set to increase the degree of freedom and independence for patients who self-care, for instance in remote and rural areas.
- ★ To pro-actively engage with the FI-PPP to propose specifications and standards. FI-STAR will use the latest digital media technology for community building and will proactively prepare for Phase 3 through targeted elicitation of new partners using open calls.
- ★ For FI-STAR to collaborate with other FI-PPP projects, through the mechanisms in place, by actively interacting with all necessary bodies.

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FI-STAR IS A 27 MONTH PROJECT
DEMONSTRATING USE OF FI-PPP PLATFORM FOR
IMPROVING SERVICES IN HEALTH CARE

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FOR MORE DETAILS





ABOUT FI-STAR

New ideas are on the way to make healthcare more accurate, more affordable and matching the needs of our changing societies.

Demographic changes, progress in technology and in medicine offer options to caregivers and patients, which were unthinkable 20 years ago.

- ★ FI-STAR is a Future Internet project aiming at trialing technology in live environments and testing in real world healthcare, wellness and ambient assisted living situations with people as they grow older.
- ★ FI-STAR will establish early trials in the Health Care domain building on Future Internet (FI) technology leveraging on the outcomes of FI-PPP Phase 1.
- ★ It will become self-sufficient after the end of the project and will continue on a sustainable business model by several partners. In order to meet the requirements of a global Health industry FI-STAR will use a fundamentally different, “reverse” cloud approach.

FI-STAR CATALOGUE

catalogue.fi-star.eu

The FI-STAR Catalogue is the central repository for implementations of Specific Enablers (SE) that are part of the FI-STAR platform. In detail it represents the main access point to allow the interested actors to get their SE instance. More details available on the Catalogue web site.

LEARN ABOUT THE PROJECT USE CASE TRIALS

Tromsø, Norway

Tele-health network for Diabetes patients: The Norwegian Centre for Integrated Care and Telemedicine (NST) in Tromsø, Norway, is a well established telemedicine centre providing care to a rural community north of the Arctic Circle. They will improve and extend the existing telehealth network for Diabetes patients, aiming at the development of smart phone based multi channeling allowing for streaming of different data at the same time (sensor data and audio and video).



Munich, Germany

Virtualization of operating theatre environments and real time data integration for monitoring and reduction of errors: Klinikum Rechts der Isar, in Germany, is the major teaching hospital for Technical University Munich, and will implement the virtualization of operating theatres use case trial to develop innovative methodologies for minimal invasive operating theatre environments.

Leeds, UK

2-D bar-coding for real time reverse medicament supply chain: Medichem is a SME Pharmacy whole seller in Leeds, UK, and will implement the 2-D bar-coding use case trial to offer real time reverse supply chain modelling to prevent error and counterfeiting and create interfaces to additional third party services.



Krakow, Poland

Interactive online facilities for access and quality of care: John Paul II Hospital, in Krakow, is one of the leading e-health applying hospitals in Poland, and will improve the access to and quality of care by designing improved interactive online facilities for their cancer patients, involving dedicated hardware (life monitoring sensors, tablets, cameras) and software (knowledge portal – also web based, treatment diary, mobile application, video conferencing client).



Basque Country, Spain

New Interactive Future Internet based services for people with Mental Health problems: Osakidetza, in Spain, is a health care organization providing healthcare for more than 2 Million people, and will implement this use case trial with the objective of improving access to the care and to apply the FI-PPP core platform to other already existing services successively.



Bucharest, Romania

Online Cardiology service for people with heart failure: University of Medicine and Pharmacy “Carol Davila” from Bucharest, in Romania, through its teaching hospitals, it provides acute care to the 2 Million inhabitants of Bucharest, and will establish the online cardiology service for people with heart failure, and in particular for people after myocardial infarction, by testing software applications in the integration experimentation site, real-time vital parameters internet-monitoring, improvement of physical training and improvement in secondary prevention programs.



Emilia-Romagna, Italy

Provision of a network capable to connect different applications and devices: CUP 2000, in Italy, ICT company of the Emilia Romagna region, develops new healthcare networks to allow general practitioners, specialists and healthcare professionals to share the assisted person's healthcare and disease data in real-time, allowing citizens to know and access healthcare data at anytime from anywhere. The use case will implement, in collaboration with Local Health Authority of Ferrara, a regional socio-Health administrative framework where necessary medical information is collected and elaborated according to specific logics, and to the potential of the FI-WARE platform, tested with patients affected by Chronic obstructive pulmonary disease (COPD).

VISIT
www.fi-star.eu/use-cases
 FOR MORE DETAILS