



**SELSUSTAINED CROSS-BORDER CUSTOMIZED  
CYBERPHYSICAL SYSTEM EXPERIMENTS  
FOR CAPACITY BUILDING AMONG EUROPEAN STAKEHOLDERS**

**REmote ASsistant with Smart Utilisation of Remote Extended monitoring**

# **ReAssure project**

**Pieter Goedhart Inicare BV**



Co-funded by the Horizon 2020 programme  
of the European Union

**DT-ICT-01-2019**  
Smart Anything Everywhere Area 2

**[www.smart4all-project.eu](http://www.smart4all-project.eu)**  
Grant Agreement: 872614

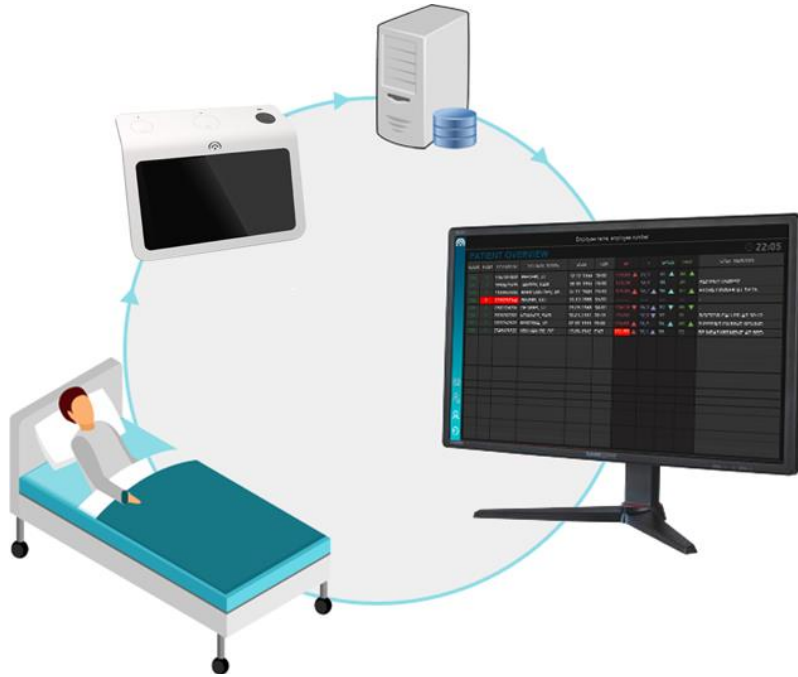
# Project ReAssure

- **SunRG softver i IT solucci:**
  - Technology provider focussing on software algorithm development
  - North Macedonia , Skopje , 10 people and 10 years operational
- **VAE :**
  - Technology receiver focussing on mobile hardware and embedded software development
  - Belgium, Wachtebeke, 2 people and 3 years operational
- **Inicare BV :**
  - Productization focussing on turn key medical solutions for monitoring patients in hospitals and at home
  - The Netherlands , Eindhoven, 2 people and 3 years operational

# Worldwide medical need

- **Provide predictive markers for the potential rapid deterioration of admitted COVID-19 patients.**
- **Hygienic, scalable, low cost solutions for hospitals and nursing homes which can be implemented in existing IT infrastructures.**

# Our solution



Based on an existing prototype developed by VAEngineering and Inicare BV additional parameters such as Heart Rate and Heart Rate variability will be added to the prototype and tested within a clinic in Belgium.

# The ReAssure Project Timelines



	Description work package
A	Adapt the software architecture to a new ultra low power wearable including transfer of algorithms towards a medical grade platform which can incorporated into any hospital infrastructure.
B	Adaptation of acquisition and processing unit of our medical platform to host the transferred algorithms to fit onto an embedded sensor platform with power management and secure blue tooth data communication.
C	Test durability and comfort of newly designed wearable with including usability and battery life time
D	Clinical evaluation of prototype within a hospital and comparison with clinically validated patient monitoring equipment

# Project Team Members

Company	Team Members
SUNRG	Saso Koceski, Aleksandra Stojanova , Elena Jovanovska ,Natasha Koceska
VA Engineering	Dany Riske , Thomas van Aken
Inicare BV	Pieter Goedhart , Maarten Meelkop



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# Questions ?

**Pieter Goedhart**

**pgoedhart@inicare.com**



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