



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

**REmote ASsistant with Smart Utilisation of Remote Extended monitoring
ReAssure project proposal CTTE**

Pieter Goedhart Inicare BV

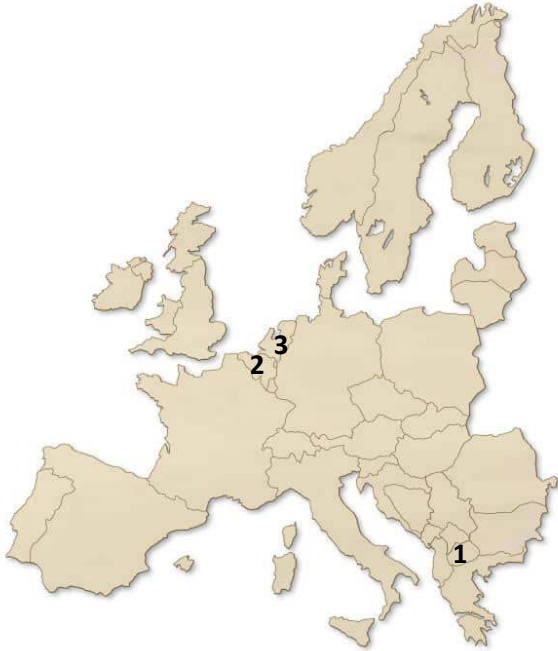


Co-funded by the Horizon 2020 programme
of the European Union

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

www.smart4all-project.eu
Grant Agreement: 872614

Consortium building ReAssure



1. SunRG softver i IT solucci:

- Technology provider of software algorithms
- North Macedonia , Skopje.

2. VAE :

- Technology receiver for mobile hardware
- Belgium, Wachtebeke

3. Inicare BV :

- Productization focussing on medical solutions
- The Netherlands, Eindhoven

Which problem we try to solve....

- **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 technical solution and scope of project



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.

Our Project Timelines and workpackages



| | 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 be 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 |

Praktical tips for writing a sucessfull proposal

- **Start immediately with consortium and proposed devision of funds**
- **Preferely one partner who will take the lead in writing, submitting and reporting.**
- **Clearly describe the practical need for the solution**
- **Divide the project in individual workpackages**
- **Clearly describe the project scope and activities**



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Questions ?

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pgoedhart@inicare.com



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