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SHAAPING

Support of Healthy Ageing through big data Analysis and multifactorial intervention on PreventING development of frailty in Pre-frail older population

> Stefan Van Baelen , iMinds (Stefan.VanBaelen@iminds.be) Hassane Essafi, CEA LIST (hasane.essafi@cea.fr)







Proposal Introduction



• Development and deployment in elderly living environment of an open and scalable framework to prevent the frailty and launch appropriate interventions to mitigate the potential risk

• Context:

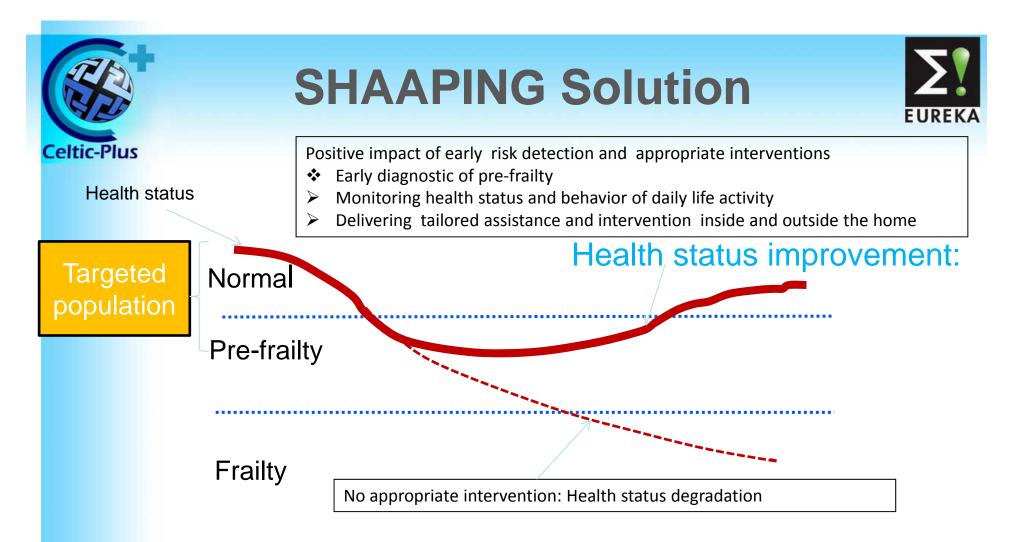
- By 2050 population 60+ is expected to reach
- Worldwide: 2 billions
- EU: 150 millions, 80 millions in 2008

• Frailty :

- Progressive decline of healthy and independent living
- Affects 15-20% of individuals 65+.
- It can be reversible: early detection + appropriate intervention

Expected Impact:

- 20% reduction of hospital admissions
- help people to remain healthy and maintain their independence at home
- Reduction the healthcare and care cost
- Improve the quality of life of family and relatives



•To develop

- Developing tools to analyse timely large scale and heterogeneous data
- Knowledge representation and model building
- Developing an open, interoperable and scalable platform
- Appropriate intervention to avoid/delay the potential risk



Key Selling Points



Innovation

- Development of large scale steaming data analysis tools
- Development of an open, interoperable and scalable platform dealing with sensitive data and privacy and ethic aspects
- Characterization and detection of pre-frail persons: launching appropriate interventions to mitigate the potential risk
- Targeted market
 - Products and services for Ageing well
 - Silver Economy: \$7 trillion per year (3rd largest economy in the world)
 - 3 trillion euros is the wealth of 65+ in EU



Partners & expertise



Partners involved

- France (Actieeon, CEA, Gemalto, IMT, Prologue)
- Austria (AIT)
- Belgium (iMinds-KU Leuven)
- **Denmark** (Legind)
- Finland (VTT)
- **South-Korea** (ETRI, Uracle)
- **Netherlands** (Almende, MEDvision)
- Portugal (AICO, Evoleo, Univ. Porto, ISEP-GECAD)
- Romania (BEIA)
- **Slovenia** (Comland)
- Spain (HI Iberia, Innovati, Univ. Vigo)
- **Turkey** (AGMLab, Bor, Ericsson, Oran)
- UK (Univ. York)



Contact Info



For more information and for interest to participate please contact:



Hassane Essafi, Ph.D. Program Coordinator

Institut CEA LIST DIASI/Vision and Content Engineering Laboratory

Commissariat à l'énergie atomique et aux énergies alternatives CEA Saday-Nano-INNOV | Bát. 861 - PC 173 | F-91191 Gif-sur-Yvette Cedex T. + 33 (0)1 69 08 13 87 | F. +33(0)1 68 08 01 15 M. + 33 (0)6 31 09 40 27 | Sec. +33 (0)1 69 08 40 86 hassane essafigicea.fr www-list.cea.fr