IDENTIFIED CALL	HORIZON 2020
TOPIC	Smart and healthy living at home
Type of Action	IA Innovation action
Hyperlink CALL	[Link](#)
Open call	26th July 2018
Deadline CALL 1st stage	14th November 2018
Challenge	Citizens in a rapidly ageing European population are at greater risk of cognitive impairment, frailty and multiple chronic health conditions with considerable negative consequences for their independence, quality of life and for the sustainability of health and care systems. The challenge is to foster large-scale deployment of integrated digital solutions which will bring improved quality of life to citizens while demonstrating significant efficiency gains in health and care delivery across Europe.
Scope	1. Intelligent and personalised digital solutions for sustaining and extending healthy and independent living The objective is to develop and deploy innovative and user-led digital solutions capable of supporting and extending healthy and independent living for older individuals who are facing permanently or temporarily reduced functionality and capabilities. Innovative ways for ensuring user-friendly and accessible interface design and new intuitive ways of citizen interaction and trust creation are needed. Special emphasis should be given to viable concepts that ensure security and privacy by design, data protection, safety, security and trust in the resulting system and service delivery inside and outside the home. 2. Personalised early risk detection and intervention The objective is to develop and deploy innovative and user-led solutions building on big data for personalised risk detection, advanced health monitoring and early interventions for people facing increased health and social risks. Proposals should design and demonstrate innovative personalised treatments and therapies based on early detection and risk avoidance. Because of the personal and sensitive nature of health data, special attention needs to be paid to trust, privacy and data protection.
Impact	• Emergence of European-led platform for smart and healthy and independent living at home; • Increased competitiveness of the European ICT industry in the domain, through enhanced interoperability, best practices for viable business and financing models and scalable markets; • Demonstrate links and build synergies with Member States' and regional initiatives in this area; • Improved and evidence-based efficiency of health and care systems with demonstrated added-value of underlying technologies; • Improved quality of life and health status for involved users and carers, with demonstrated added-value of underlying technologies; • User accepted, validated innovative solutions addressing accessibility, privacy, security, vulnerability, liability, and trust in connected data spaces.
Budget call (and for project)	Between 15 and 20 EUR million for Innovation Actions would allow the areas to be addressed appropriately.