

Innovate UK

Results of Competition: SILVER Phase 3
Competition Code: 1507_SBRI_SILVER3

Total available funding for this competition was £832,079 from Innovate UK

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Robot Care Systems	LECOROB	£403,004	£403,004
Project description - provided by applicants			
<p>Current assistive robotic systems are bulky pieces of equipment focusing on on passive movements based on forced grip and have limited intention detection capabilities. They have been designed mostly for specific heavy duty activities or for therapeutic rehabilitation, and not for supporting activities of daily life. In contrast, Iron Arm is a light and ergonomic soft robotics device with intention detection and mechatronic actuators that can be used to support personal activities of daily life for elderly users, allowing them to maintain muscle strength and increase their life expectancy and quality of life, as well as helping them to recover faster from injuries or other hand or arm mobility impairing diseases. Iron Arm targets two primary market segments: The end-user market, where the device can be purchased by healthy older adults and frail older adults (suffering from chronic conditions) with a weakness in the upper body but without mobility-related pain to support activities of daily life.</p>			

Note: you can see all Innovate UK-funded projects here
<https://www.gov.uk/government/publications/innovate-uk-funded-projects> Use the Competition Code given above to search for this competition's results