

Information about the 33 projects awarded funding:

<b>Lead Applicant</b>	<b>Research Body</b>	<b>Proposal Title</b>	<b>Award</b>
Liam Barry	DCU	Terahertz Transmission and Characterisation Facility	952,175
David Henshall	RCSI University of Medicine and Health Sciences	A core medium throughput facility with multi-parametric readouts for the assessment of functional alterations in single cells and brain networks in health and disease states	1,558,000
James Meaney	TCD	Replacement of 3T MRI scanner and ancillary equipment	2,019,331
Hugh J. Byrne	TUD	Multimodal Imaging Platform	1,245,392
Dimitra Psychogiou	Tyndall National Institute	Flexi-RF: Dynamic RF Test and Characterization Suite for High Performance, Highly-Flexible RF and Microwave Front-Ends and Antennas	2,706,004
Ramesh Raghavendra	SETU	High Energy, High Resolution Dual Beam X-Ray Micro-Computed Tomography for Advanced Manufacturing Research	2,027,718
Mark Fenelon	Teagasc	High Resolution and Multiscale 3D X-ray Microscopy System for Advanced Computed Micro-Tomography of Foods with Sub-	794,879

		Micrometric Resolution	
Anita Maguire	UCC	Fast reaction kinetics in NMR Spectroscopy - FaNS	908,579
Ursel Bangert	UL	Observing materials' structure and dynamics at the nm-scale in environmental conditions and under external stimuli by In-Situ Transmission Electron Microscopy (ObSTEM)	1,263,414
Redmond O'Connell	TCD	Placing Ireland at the centre of a brain imaging revolution with OPM-MEG	1,552,510
William Gallagher	UCD	National Spatial Tissue Profiling (NaSPro) Platform for Precision Medicine: Integration of Chemical, Brightfield and Fluorescence Imaging of Tissues Combined with Single Cell Molecular Profiling	2,256,619
Kevin M Ryan	UL	The National Rechargeable Battery Fabrication and Test Facility (NRBFT)	619,577 (Co-funded by SEAI)
John Morrissey	UCC	MICROFERM: Microbial Fermentation Facility for scale-up of sustainable food and industrial fermentations with real-time process monitoring.	1,610,659
Kerry Thompson	University of Galway	The Development of a Centre of Excellence in Multimodal Microscopy in NUI Galway	3,300,279
Paul Townsend	Tyndall National Institute	Tera Lab for 6G Wireless-Photonic Networking	2,850,330
Ted Vaughan	University of Galway	Dual-magnification 3D X-ray Tomography Imaging System	2,317,395.00
Frank McDermott	UCD	Multi-Collector Inductively Coupled Plasma Mass-	831,791.00

		Spectrometer (HR-MC-ICP-MS) with reaction-gas enabled platform	
Peter McLoughlin	SETU	Nanoscale Chemical Imaging System	907,527.00
Sean Leen	University of Galway	High-performance Materials Thermal-mechanical Physical Simulation System for Process-Structure-Property-Performance CharACTerisation in Advanced Manufacturing (IMPPACT)	831,888.00
Stephen Dooley	TCD	An End-to-End Test-bed for Power-to-X Processes: Carbon Dioxide to Aviation Fuels	2,156,094.66
Maurice Collins	UL	Sustainable Composites Processing and characterisation Suite (SCoPe)	1,602,269.00
Karl Richards	Teagasc	National Soil Greenhouse Gas Test Platform to examine the efficacy of a range of novel fertiliser, bioactives, bio-stimulants, manure, digestate additives.	571,238.01
Graeme Maxwell	Tyndall National Institute	Lab-to-Fab integration from novel materials to devices using Atomic Layer Processing (Atomic Layer Deposition and Etch) encompassing: modelling; proof of concept model validation; material development and characterisation; wafer-scale device fabrication.	2,971,897.00
Jonathan Bones	NIBRT	CONCEPT – A National Synthetic Biology and Cell Line Development Facility	4,254,187.75
Andrew Kellett	DCU	AUTOPILOT: Automated high-throughput analysis of cellular phenotyping	2,410,470.67
Luis Padrela	UL	Next Generation Nanopharma Process Development Platform (NaPRO)	808,354.00

Margaret McGee	UCD	UCD Conway-CEPHR Advanced Cytometry Unit	914,288.37
Paul Cotter	Teagasc	FutureSeq: Future-proofing the Irish DNA Sequencing Centre at Teagasc	1,603,305.17
Duygu Kiyani	DIAS	MASTER: Magnetotelluric Acquisition Systems for Terrestrial Earth Research	772,475.00
Virginie Gautier	UCD	UCD Enhanced Containment Level 3 (CL3) Laboratory Suite for Human and Animal Risk Group 3 Biological Agents, a National Resource for Translational Research and Infectious Diseases Preparedness.	1,570,522.00
Jesus Maria Frias Celayeta	TUD	Mobile Air Research Laboratory	1,013,161
Peter Gallagher	DIAS	Upgrading the Irish Low Frequency Array (I-LOFAR) and founding the LOFAR European Research Infrastructure Consortium (ERIC)	534,757
Cian O'Mathuna	Tyndall National Institute	JOULIET - Energy for the Internet of everything	1,475,698 (Co-funded by SEAI)