

List of projects funded as part of the Innovation Programme in Oil and Gas

Reference	Applicant/ Grant holder	Research Organisation	Title	Project Partners <i>(IPOG members in bold)</i>
<b>Innovative Monitoring Approaches call 2017 – Projects recently funded</b>				
NE/R014698/1	Dr Thomas Wilding	Scottish Association For Marine Science	Improving marine growth estimates using 3D photogrammetry	BP International Ltd, Bibby Line Group Ltd, <b>Chevron North Sea Limited</b> , <b>Marine Scotland Science</b> , Scottish Environment Protection Agency, Scottish and Southern Energy SSE plc
NE/R014779/1	Dr David McCann	National Oceanography Centre	Radar-model-fusion approach for high-resolution marine resource mapping (RAWMapping)	European Marine Energy Centre, JBA Consulting, OpenHydro Group Ltd
NE/R014531/1	Professor Michael Kendall	University of Bristol	Fibre-optic distributed Acoustic Sensor Technology for seismic Monitoring During shale gas Extraction (FAST-MoDE)	<b>Chevron North Sea Limited</b> , Environment Agency, Silixa Ltd
NE/R014922/1	Dr Alexander Beaton	National Oceanography Centre	Innovative monitoring of offshore methane and hydrocarbons with miniature sensors and autonomy	Blue Ocean Monitoring Limited, British Petroleum International Limited, Chelsea Technologies Group, <b>Chevron North Sea Limited</b> , Planet Ocean Ltd
NE/R014884/1	Dr Per Berggren	Newcastle University	Novel low-cost methods for marine mammal and environmental monitoring	Marine Management Organisation, EDF Energy Plc, Centre for Environment Fisheries & Aquaculture (CEFAS), Northumberland Inshore Fisheries and Conservation Authority

NE/R01454X/1	Professor Stephen Mobbs	University of Leeds	Demonstration of a comprehensive Approach to monitoring Emissions from Oil and Gas installations (AEOG)	Airtask Group Limited, BEIS, Ricardo UK
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**Note the following offshore renewable energy projects were also funded as part of the Innovative Monitoring Approaches call:**

NE/R014639/1	Professor Gordon Hastie	University of St Andrews	Development of a standardised marine mammal monitoring system for the tidal energy industry	Atlantis Resources, Natural Resources Wales, Scottish Natural Heritage, The Scottish Government
NE/R014132/1	Professor Ben Wilson	Scottish Association For Marine Science	Measuring ADD Noise in Tidal Streams (MANTIS): Could Acoustic Deterrent Devices (ADDs) reduce risk of marine mammal collisions with tidal turbines?	<b>Marine Scotland Science</b> , Natural Resources Wales, Scottish Natural Heritage
NE/R014701/1	Dr Aonghais Cook	British Trust for Ornithology	Monitoring and forecasting avian collision risk at an operational offshore wind farm	DONG Energy, <b>Natural England</b>
NE/R014485/1	Professor Dominic Reeve	Swansea University	Discrimination of Sediment Type using Unmanned Aerial Vehicles (DST-UAV)	AG surveys, <b>Natural England</b> , Natural Resources Wales, Tidal Lagoon Power Ltd

### Decommissioning call 2016 – Projects underway

NE/P016553/1	Professor Michael Elliott	University of Hull	An evidence-based approach for the effects of decommissioning options on Marine Protected Area conservation and ecosystem services (DECOM-MPA)	<b>Natural England</b> , Shell UK Ltd., BEIS
NE/P016561/1	Dr Brian Bett	National Oceanography Centre	Autonomous marine environmental monitoring for decommissioning	BP Plc, BEIS, SeaByte Ltd., Shell UK Ltd., The Gardline Group
NE/P016464/1	Professor Ben Wilson	Scottish Association For Marine Science	Strategic Review of Autonomous System Capability for Long-Term Decommissioning Monitoring	<b>BMT Cordah Ltd.</b> , <b>Marine Scotland Science</b> , SLR Consulting Ltd. (UK) , The Gardline Group
NE/P016537/1	Dr Thomas Wilding	Scottish Association For Marine Science	Development of a strategic framework for the comparative assessment of pipeline decommissioning options: optimising environment and fishing interests	BP International Ltd., <b>Marine Scotland Science</b> , <b>Natural England</b> , Oil and Gas UK, Scottish Natural Heritage, Shell UK Ltd., BEIS

### Decommissioning call 2015 - Projects now complete

NE/N019865/1	Dr Beth Scott (previously Dr Alan Jamieson)	University of Aberdeen	Automation of Marine Growth Analysis for Decommissioning Offshore Installations	BP International Ltd., BEIS, Scripps Research Institute (USA)
NE/N019369/1	Dr Thomas Wilding	Scottish Association For Marine Science	Optimising decommissioning of oil and gas pipelines with respect to the commercial fishing sector on the UK continental shelf	BEIS, <b>Marine Scotland Science</b> , Oil and Gas UK, Scottish Fisherman's Federation