

Innovative Monitoring Approaches for Infrastructure, Oil and Gas, and Offshore Renewable Energy – Panel Outcome

Infrastructure

Reference	PI	RO	Project Title	Score 1 (Innovation and Impact Potential)	Score 2 (Mechanisms for Delivery)	Rank	Decision
NE/R014019/1	Brown, Jennifer Mary	National Oceanography Centre	WireWall: a new approach to coastal wave hazard monitoring	9	9	1	Funded
NE/R014752/1	Krause, Stefan	University of Birmingham	Reducing storm-induced contamination risks to water supply infrastructure by Active-Fibre-optic Distributed Temperature Sensing	9	9	2	Funded
NE/R014868/1	Liang, Haida	Nottingham Trent University	Innovative condition monitoring of electricity transmission asset - from science based archaeology to monitoring environmental risks on infrastructure	9	9	3	Funded
NE/R014965/1	Sailley, Sevrine Frederique	Plymouth Marine Laboratory	Jellyfish and Seaweed Surveillance (JaSS)	8	7	4	Funded
NE/R014183/1				8	6	5	Not funded
NE/R014167/1				7	7	6	Not funded
NE/R014876/1				7	7	7	Not funded
NE/R014078/1				7	6	8	Not funded
NE/R014833/1				7	6	9	Not funded
NE/R014957/1				7	5	10	Not funded
NE/R014396/1				6	6	11	Not funded
NE/R014248/1				6	6	12	Not funded
NE/R014787/1				5	6	13	Not funded
NE/R014728/1				5	5	14	Not funded
NE/R01468X/1				5	5	15	Not funded

Oil and Gas/Offshore Renewable Energy

Reference	PI	RO	Project Title	Score 1 (Innovation and Impact Potential)	Score 2 (Mechanisms for Delivery)	Rank	Decision
NE/R014639/1	Hastie, Gordon Drummond	University of St Andrews	Development of a standardised marine mammal monitoring system for the tidal energy industry	10	9	1	Funded
NE/R014698/1	Wilding, Thomas Andrew	Scottish Association For Marine Science	Improving marine growth estimates using 3D photogrammetry	9	9	2	Funded
NE/R014779/1	McCann, David Lewis	National Oceanography Centre	Radar-model-fusion approach for high-resolution marine resource mapping (RAWMapping)	9	9	3	Funded
NE/R014531/1	Kendall, Michael	University of Bristol	Fibre-optic distributed Acoustic Sensor Technology for seismic Monitoring During shale gas Extraction (FAST-MoDE)	9	7	4	Funded
NE/R014132/1	Wilson, Ben	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?	8	8	5	Funded
NE/R014701/1	Cook, Aonghais	British Trust for Ornithology	Monitoring and forecasting avian collision risk at an operational offshore wind farm	8	7	6	Funded
NE/R014485/1	Reeve, Dominic	Swansea University	Discrimination of Sediment Type using Unmanned Aerial Vehicles (DST-UAV)	7	8	7	Funded
NE/R014922/1	Beaton, Alexander David	National Oceanography Centre	Innovative monitoring of offshore methane and hydrocarbons with miniature sensors and autonomy	8	7	8	Funded
NE/R014884/1	Berggren, Per	Newcastle University	Novel low-cost methods for marine mammal and environmental monitoring	7	7	9	Funded
NE/R01454X/1	Mobbs, Stephen	University of Leeds	Demonstration Of A Comprehensive Approach To Monitoring Emissions From Oil and Gas Installations (AEOG)	7	7	10	Funded
NE/R014663/1				8	6	11	Not funded
NE/R014736/1				8	6	12	Not funded
NE/R01499X/1				7	6	13	Not funded
NE/R014930/1				7	6	14	Not funded
NE/R01485X/1				6	6	15	Not funded
NE/R014981/1				6	6	16	Not funded
NE/R014914/1				6	6	17	Not funded

NE/R014744/1				6	6	18	Not funded
NE/R01471X/1				6	6	19	Not funded
NE/R014760/1				6	6	20	Not funded
NE/R014442/1				7	5	21	Not funded
NE/R014817/1				7	5	22	Not funded
NE/R014825/1				8	4	23	Not funded
NE/R014841/1				5	6	24	Not funded
NE/R014647/1				5	5	25	Not funded
NE/R014906/1				5	5	26	Not funded
NE/R014949/1				5	4	27	Not funded