

2018 Winners

The winners of the EI Awards 2018 are:

Community Initiative Award, sponsored by Myriad Global Media

Pakistan Poverty Alleviation Fund (PPAF) for *Community Managed Solar Energy Mini-Grids System*

Pakistan Poverty Alleviation Fund (PPAF) invested in community based Solar Energy Mini-Grids Systems in remote areas of Khyber- Pakhtunkhwa (KPK) Province of Pakistan. Implementation of this project provided lighting and helped increase access to clean energy, reducing de-forestation and the use of kerosene oil. This project also helped to trigger economic activities in remote, underdeveloped and under-served communities, thus improving socio-economic conditions.

Energy Champion Award, sponsored by Arenko Group

Eddie Boyd, The Highland Council

Eddie has been at the forefront of low carbon and sustainable strategies within the Highland Council for 10 years. He is the driving force for the adoption of innovative and renewable technologies. His remarkable knowledge along with his passion has had an admirable impact on the organisation's carbon reduction.

Highly commended:

Matthew Barnett, Nexen

Matthew is heavily involved in knowledge sharing across the UK Oil and Gas industry and has made a number of tangible improvements to hydrocarbon release prevention programmes and integrity management. He is also a mentor to the next generation of engineers and a STEM ambassador for the IMechE.

Energy Management Award, sponsored by Keltbray

Boots UK for *Boots UK – a decade of beating the EnergyCare challenge through a holistic approach to energy management*

The aim was for a 30% cut in emissions by 2020 in Boots stores that were open in 2005*, plus making energy management more strategic. All aspects achieved. Emissions cut by 33%, achieved three years ahead of 2020, thanks to the involvement of thousands of colleagues and significant store investment.

Environment Award, sponsored by Committee on Climate Change

GSH Group India for *GSH and Kaleesuvari: Fuel Switch from Coal to Biomass for Steam Production*

The aim was to reduce steam generation costs and emissions by switching from coal to biomass fuels. Their technical experts successfully overcame the challenges of mixing fuel and carbon, and

pollutant emissions have fallen considerably, with new employment opportunities created. The client's management is highly supportive; other energy-intensive industries are monitoring the project with interest.

Health and Safety Award, sponsored by Shell

Repsol Sinopec Resources UK for *Evaluating the effect of shift design on fatigue and alertness*

The project aim was the evaluation of the effect of two shift patterns on fatigue, alertness. The impact and benefits of this project were: the selection of a shift pattern which supported higher levels of alertness and wellbeing, lower fatigue, and improved workforce engagement and acceptance of the shift pattern.

Highly commended:

UK Power Networks for *Ramp Trial*

For many disabled and vulnerable pedestrians, essential roadworks undertaken by utility companies can mean roadblocks because traditional kerb ramps may present an insurmountable barrier. UK Power Networks is working with manufacturer, Melba Swintex and academic and wheelchair user, Dr Katherine Deane, to design and launch a brand new ramp designed specifically with disabled people in mind.

Innovative Technology Award, sponsored by Sembcorp

Winners:

Magma Global for *m-pipe®*

m-pipe® meets the increasingly complex and challenging demands on oil and gas operators. It has been developed to go where steel and non-bonded flexible pipe are not viable solutions, such as oil exploration and production in ultra-deep water, high pressure, high temperature, sour service and harsh offshore conditions.

Origami Energy for *Energy Technology Platform development*

Our versatile, scalable and secure technology intelligently and securely manages assets and services for all energy market participants to achieve better financial outcomes and help accelerate the transition to a more reliable, secure and greener energy future and make the energy market fit and resilient for 21st century challenges.

Public Engagement Award, sponsored by CIPR

EDF Energy for *The Pod*

This project enhances the teaching of energy and sustainability in UK schools, increases young people's advocacy of low carbon energy and lifestyles, supports institutions looking to reduce energy and waste consumption, encourages greater advocacy, and improve favourability of, EDF Energy, and, ultimately, helps prepare communities for a low carbon future.

Young Energy Professional of the Year, sponsored by Aramco

Charlie Cook, Octopus Energy

Charlie has been the driving force behind the creation, fund raising and management of Powerloop – a £7m project to demonstrate domestic vehicle-to-grid (V2G) technology. The project was awarded over £3m in funding from BEIS & OLEV, via Innovate UK, in January.

Highly commended:

Rona Mitchell, UK Power Networks

In just two years at UK Power Networks, Rona Mitchell has earned the intellectual, professional and personal credibility to lead innovation projects. She manages two high-profile projects that involve collaborating with several utility companies, balancing sometimes conflicting needs and approaches to bring about positive change for customers.