

INTEGRITY ENGINEERING FOR A SUSTAINABLE FUTURE

The Institute of Corrosion with The North of England Institute of Mining and Mechanical Engineers are pleased to announce they will be staging a Sustainability Conference in June 2023



WHY?

As a society, we have progressed from burning wood, to burning coal, oil, and gas. In the process, the energy industry has helped to lift up to 80% of the population out of poverty, but it's clearly not sustainable.

We must therefore look at alternative methods for energy and be establish efficient methods to deal with effluent from energy processes.

The corrosion control industry has a large part to play in developing sustainable solutions for the energy sector to achieve net zero emissions. We can design systems and procedures that will give corrosion control for the life of the asset, but all too often cost becomes the main driver in reducing performance between concept and construction.

This event scheduled for June 2023 will address some of the new challenges facing the industry, including how we can continue providing energy, what can be re-purposed, and the effects on sustainable corrosion control solutions.

WHO SHOULD ATTEND?

The conference is aimed at anyone involved or interested in effective solutions to further develop a sustainable environment.

OBJECTIVES

To present, debate, and challenge current engineering solutions to meet future environmental requirements. This will also allow participants to fully understand the value chain, from concept to end use and the challenge that each of the various players experience within the energy sector.

WHERE?

The North of England Institute of Mining and Mechanical Engineers (NEIMME) have the excellent Neville Hall, which is at the heart of Newcastle city centre with easy access by train and car, and within walking distance of a number of high standing hotels.

The historic 19th century venue has a range of excellent facilities with lecture theatres, breakout rooms, and a superb library available for networking.

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WHY THE NORTH EAST?

Newcastle and the North East have been the engine house in the development of energy in Britain over the past few centuries. It's a geographically significant area as the supplier of energy from the North Sea to London, as well as geologically important thanks to the production of coal and steel in the area, as well as the development of the chemical industry at Teesside.

It's an ideal location with easy access for delegates from Aberdeen and London, as well as anyone else in the energy sector, from asset owners, fabricators, paint manufacturers, researchers to applicators. The North East has major ongoing projects with two carbon capture projects in the area and a significant wind turbine centre in the Port of Blyth.

- BP – Net Zero, Teesside
- ENI – Hynet North West, Liverpool Bay

SPEAKERS

Prof. Jon Gluyas, Durham University Earth Sciences will present a keynote speech titled: *Energy – A Sustainable Future Built on an Unsustainable Past*. We would also sincerely value the contribution of the carbon capture industry, especially BP and ENI.

SPONSORS

Sponsorship packages are available from £250 to £2,000 depending on membership status, which ranges from Bronze to Silver and Gold. A number of organisations, including AkzoNobel, Carboline, and Wood Thilsted, have already expressed an interest in the event.

DETAIL

The conference is a one day event split into four sessions. Each session has a chair to facilitate and lead a panel discussion at the end of the morning and at the end of the day. There will be a conference dinner in Newcastle in the evening with the option for delegates to join a site visit the following morning. Possible site visits include:

ORE CATAPULT – Offshore renewable energy test and research centre

→ The UK's leading technology innovation and research centre for offshore renewable energy that will play a key role in delivering net zero targets by accelerating the creation and growth of UK companies in the offshore renewable energy sector.

BATES COLLIERY – pumping station

→ An excellent example of re-purposing, which dissipates 5 MW of heat for reuse.

COST

The conference will be largely self-funding with the addition of a nominal fee for the attending delegates.



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