

# Non-executive board member

## 1 EMEC overview

**EMEC is an innovation catalyst pioneering the transition to a low carbon future.**

**Celebrating its 20<sup>th</sup> anniversary in 2023, EMEC is the world's leading centre for demonstrating wave and tidal energy converters in the sea and is pioneering the development of a green hydrogen economy and smart local energy systems.**

**As a plug-and-play facility EMEC helps reduce the time, cost and risk of testing innovative sustainable technologies.**

EMEC is the world's only accredited ocean energy test laboratory (ISO/IEC 17025) and inspection body (ISO/IEC 17020): the centre provides pre-consented grid-connected test sites in harsh wave and tidal regimes as well as scale test sites in gentler conditions for testing smaller scale technologies, subsystems and components. To date, EMEC has hosted more ocean energy devices than at any other site, providing operational, technical and business support to help clients commercialise.

Building on its experience in developing the ocean energy sector, EMEC has diversified into floating wind, green hydrogen, clean transport and energy systems.

EMEC has established an R&D hydrogen ecosystem, featuring electrolysers, fuel cells, storage and refuelling, for first-of-a-kind and pilot scale projects aiming to decarbonise power, heat and transport applications. Projects range from renewables integration, storage and logistics, through to derivatives and end-use case demonstrations, particularly within the maritime and aviation sectors. Orkney is now a leading example of a developing hydrogen economy.

EMEC's infrastructure and experience are increasingly being used in wider energy systems innovation as well. For example: Microsoft demonstrated a subsea data centre at EMEC's offshore test site; EMEC is leading the ReFLEX Orkney project pioneering an integrated energy system in Orkney to balance supply and demand; and is leading the creation of the Islands Centre for Net Zero as part of the Islands Growth Deal.

EMEC was set up in 2003 to kick start an ocean energy sector in the UK and boost economic development in the Highlands and Islands. Over the years EMEC has grown and diversified, with over 70 people working for the test centre today. The unprecedented activity that has taken place in Orkney due to the presence of EMEC has been a catalyst for economic development, creating jobs and a world-leading supply chain now exporting skills and knowledge around the globe. An economic impact assessment calculated EMEC added £306 million GVA to the UK economy between 2003 and 2019.

In 2021, EMEC was named **Blue Economy Enterprise of the Year** at the Scottish Highlands and Islands Rural Economy Awards and **Champion of Renewables** at the Scottish Green Energy Awards.

## 2 Job description

### 2.1 EMEC Board aims

The EMEC Board is focused on capitalising on EMEC's world-leading position, expanding its influence and maximising the economic opportunities for Scotland and the rest of the UK, whilst driving innovation in sustainable technology to accelerate the transition to a low carbon future. EMEC has strong links with industry, government and academic organisations and aims to grow these links both in the UK and overseas.

### 2.2 Non-Executive Director role:

We are looking to appoint new non-executive directors to the EMEC Board. These are critical positions which will offer strategic guidance and governance to the company and strong leadership during our next period of planned growth.

Key responsibilities include:

- determining the strategic direction of EMEC focusing on delivering its growth plans, expanding the company's range of services (UK and overseas) and increasing EMEC's influence;
- providing strong governance through robust and constructive challenge to the executive team whilst supporting the chairperson and other members of the board on all business matters;
- ensuring that EMEC continues to be world leading in the testing and deployment of marine renewable devices and delivers sustainable economic benefit that meets the aspirations of the Scottish and UK governments;
- monitoring the financial position of the company against budgets and key financial and performance targets, and challenge and advise the board to act where required;
- helping accelerate the growth and viability of marine renewable energy (wave and tidal), green hydrogen and smart energy systems.
- Join and chair subcommittees as required

### 2.3 Skills and experience

You will have proven experience working at a senior level in a complex commercial setting and be qualified to degree level, or equivalent.

EMEC is looking to appoint two non-executive directors: one with HR experience; and one from a relevant technical discipline.

An understanding of research, development and innovation (RD&I) funding or public sector finance would also be of advantage, but a strong commercial focus is essential.

### 2.4 Time commitment

It is anticipated that around 30 days per annum, which will vary on a month by month basis to suit business needs, will be required to fulfil this role.

The time commitment will involve attendance at EMEC Board meetings (6 per annum) at its base in Stromness, Orkney or elsewhere as determined by the chairperson. Other usual duties as a board member may be expected to be undertaken from time to time.

## **2.5 Remuneration**

Remuneration will be paid as specified in the job advert. You will be paid all reasonable expenses.

## **2.6 Length of term of appointment**

The appointment will last for a period of up to three years.

## **2.7 Standards of conduct**

In carrying out this role, you will be expected to adhere to 'the Nolan Principles of Public Life' and the seven principles of conduct which underpin public life. These are: selflessness, integrity, objectivity, accountability, openness, honesty and leadership and acting at all times in good faith and in the best interests of EMEC Ltd.