WOODSIDE – MONASH ENERGY
PARTNERSHIP DIRECTOR

DEPARTMENT/UNIT
Woodside – Monash Energy Partnership

FACULTY/DIVISION
Woodside – Monash Partnership

CLASSIFICATION
Level E

WORK LOCATION
Clayton campus

ORGANISATIONAL CONTEXT
Monash is full of thinkers and doers who are looking for their next challenge. So if you’ve forged a rewarding career so far, this role provides the perfect platform to join us. You’ll have access to quality research facilities, infrastructure and teaching spaces to do exciting work, along with opportunities to collaborate internationally. You’ll be part of a university that’s made up of inspirational, challenging thinkers and doers – and continue doing work that makes a lasting impact. Discover more at www.monash.edu

Woodside – Monash Partnership
As Australia’s most progressive oil and gas company, Woodside Energy has been working side-by-side with Monash University since 2015 to apply breakthrough thinking, best-in-class expertise, and novel solutions to shape the future of the resources and energy sector.

Opening in early 2020, the Woodside Building for Technology and Design, will be a home for teaching, design, and collaboration, including a dedicated new design school to host global sprints that underpins Woodside and Monash’s technology development aims.

Building on the success of the Woodside FutureLab at Monash University, Woodside Energy and Monash University joined forces in 2019 to drive Australia’s next-generation leadership of sustainable energy technologies and carbon solutions. A joint investment of more than $40 million over the next seven years.

The Woodside Monash Energy Partnership is exploring the possibilities of hydrogen and carbon abatement, with a focus on materials, electrochemical and thermal chemical research.

It brings together leading researchers and industry from across Monash and beyond, into a collaboration with Woodside expertise. This is supported through structured participation with global leaders to understand, refine and develop new solutions to shared problems. The Woodside Monash Energy Partnership fosters an innovative approach to collaborative problem solving and new technologies.
As Australia is a significant energy exporter today and future energy export is the focus of the partnership, these solutions will also be designed to deliver competitive energy for domestic use, where the partnership is focused on the following research themes:

1. **New Energy Technologies**: Developing high-efficiency and low-cost solutions to generate, store, and export hydrogen and its carriers

2. **Carbon Capture, Conversion & Utilisation**: Developing commercially sustainable solutions that reduce atmospheric carbon dioxide emissions through chemical, thermal, and biological approaches

3. **Energy Leadership**: Understanding the interplay of economics, energy security, policy and governance on a transitioning energy system, including carbon markets

**POSITION PURPOSE**

The Woodside – Monash Energy Partnership Director ("the Director") is responsible for academic leadership of the Monash-Woodside Energy Partnership ("the Partnership"). The Director will lead a transformational research agenda aimed at affordable bulk new energy export, profitable carbon abatement and leadership/policy for a lower carbon future.

The Director will build an exceptional team composed of academics, research fellows and students to deliver on the ambitious goals of the Partnership. Additionally, the Director will build the Partnership brand and reputation through publicising achievements, and attracting additional collaborators, investors and investment.

Key to the success of this position is the ability to provide leadership and research excellence to the Partnership's overarching research pillars of (i) affordable hydrogen and (ii) valuable carbon, and its cross-cutting themes: Energy Leadership; New Energy Materials and Technologies; and Novel Carbon Capture Conversion and Utilisation.

Importantly, the Director will develop, maintain and broaden high-level strategic relationships, partnerships and networks particularly with Woodside and the FutureLab Director.

**Reporting Line**: The position will directly report into the Dean of the relevant faculty that aligns with their area of expertise, and will be accountable to the Woodside – Monash Executive Advisory Group in achieving the planned outcomes and aims of the partnership

**Supervisory responsibilities**: This position provides direct supervision to the Energy Partnerships Manager

**KEY RESPONSIBILITIES**

1. Lead the development of the Partnership strategic plan and its implementation, developing strong collaborative relationships with Woodside counterparts

2. Lead the establishment of a strong and innovative R&D agenda, and position the Woodside – Monash Energy Partnership as a leader in the national and international energy research agenda

3. Lead the development of the global sprint program that engages with global leaders to drive the next generation leadership of new energy supplies (export and domestic) and carbon solutions

4. Develop, maintain and/or broaden high-level strategic relationships, partnerships and/or networks with Australian and international academic institutions, industry and government agencies

5. Build a university-wide vision for the future directions, goals and priorities of the Partnership, which is aligned to the broader mission and goals of Monash and Woodside

6. Foster research excellence through coordination and application of external funding opportunities from industry, governments, national and international funding agencies
7. In collaboration with the FutureLab Director, build the Partnership brand and reputation, and publicise achievements to a range of stakeholders including Woodside, Monash, state and federal government, funding agencies, the general community, industry, philanthropists

8. Actively engage in an energy-related research area that is in line with the Faculty's research strategy, by maintaining a substantial active track record in publication (high-quality refereed journals), higher-degree research supervision and mentoring early career researchers and research students

KEY SELECTION CRITERIA

**Education/Qualifications**

1. The appointee will have:

   • A doctoral qualification (or equivalent accreditation and standing) and recognition as a leading authority in the relevant discipline

**Knowledge and Skills**

2. Standing and recognition as a research innovation leader who achieves results

3. Proven leadership of multidisciplinary teams of scientists, engineers and innovators

4. Demonstrated track record of outstanding research leadership, innovation and collaboration either in industry or in partnerships with industry

5. Evidence of scholarly activity of an international standard in the broader energy area or its adjacencies

6. Highly developed interpersonal and communication skills including the ability to liaise well with other academics and key stakeholders in order to represent and advocate for the Partnership

7. Demonstrated ability to attract external funding in the form of both national competitive grants and other research income and in building links with industry, government, funding and professional bodies

8. Demonstrated experience in various facets of academic management, including the necessary leadership, strategic planning, and decision-making skills needed to direct a Partnership

9. A vision for the future needs and development of the energy sector within Australia and internationally, from research and educational perspectives

**OTHER JOB RELATED INFORMATION**

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

**GOVERNANCE**

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.