

# ENVIRONMENTAL MANAGEMENT APPROACH



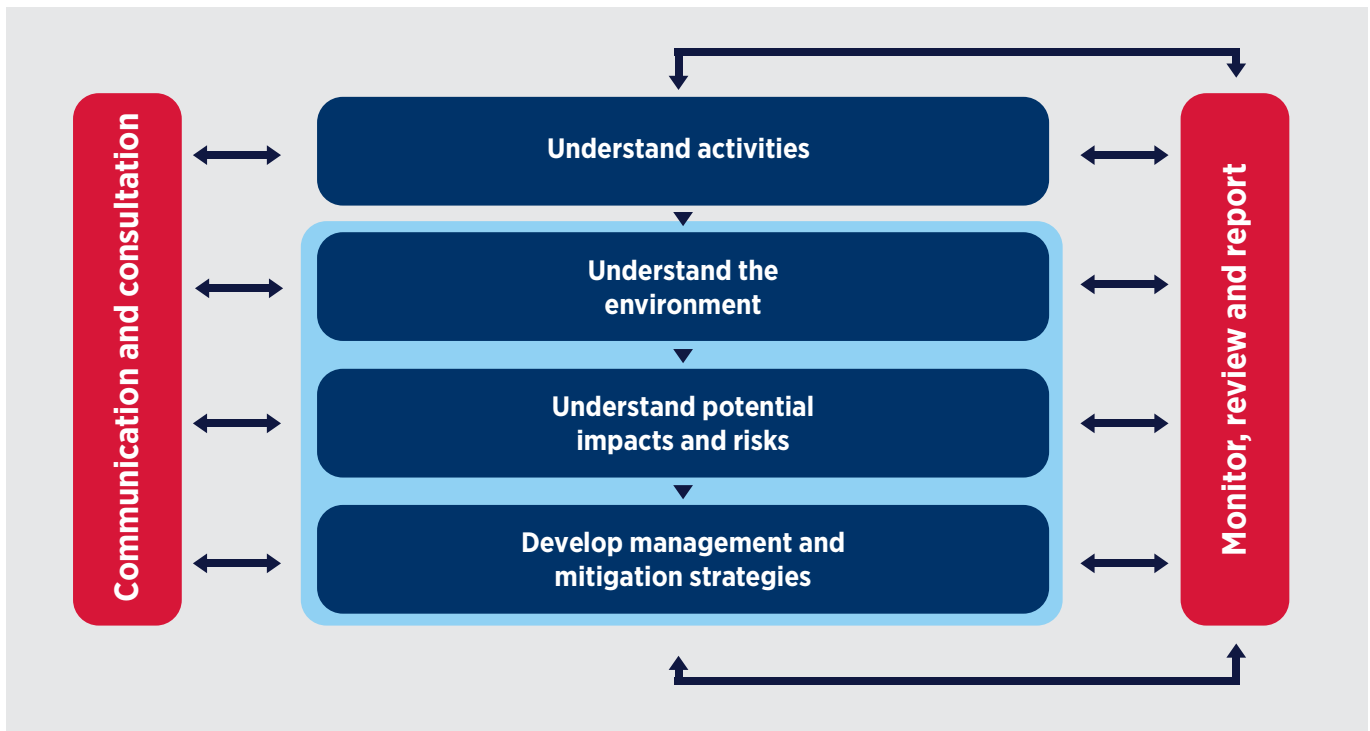
**We recognise that strong environmental performance is essential to our success and continued growth. We work to minimise our environmental footprint by integrating world-class environmental management into our activities and the design, construction, operation and decommissioning of our facilities.**

**Credible science, transparency, strong partnerships, robust impact assessment and risk management are the key elements of Woodside’s approach to the environment.**

We strive to reduce our environmental footprint across all phases of our operating life cycle with a key emphasis on learning and continuous improvement. Our investment in contemporary science, monitoring programs and research underpins our data-driven, industry-leading approach to the way we operate, grow and assess new opportunities.

We demonstrate environmental leadership and capability to understand the environments in which we operate and inform decision making. This applies to the entire lifecycle of our operations, from development to production and decommissioning.

## Woodside’s Environmental Risk Management Process



### Robust environmental risk-management

Our environmental management process allows us to consistently address the environmental impacts and risks associated with our activities across all operating locations and regulatory regimes.

The aim of risk and impact assessments is to inform the appropriate management of impacts, e.g. prevent, control, mitigate and/or manage impacts to a level determined to be acceptable and ALARP (as low as reasonably practicable). Woodside applies a hierarchy of control measures in order of importance and preference as follows: avoid or eliminate, reduce or minimise through engineering or administrative control measures. Finally, restoration or environmental offsets may be considered to ensure a demonstration of acceptability and ALARP for an activity and associated impacts.

We regularly reassess environmental impacts and risks of operations across our portfolio at the activity level. This is to ensure emerging scientific understanding and best practices are captured in these assessments, ultimately resulting in more robust environmental outcomes.

This process is aligned with the International Standard ISO31000 for risk management. Our focus on ensuring leading environmental management and mitigation strategies are implemented has allowed us to maintain a thirty-year record of oil and gas operations without any major environmental incidents.

Importantly our exploration and operations are not within World Heritage listed properties. If we are adjacent to World Heritage areas, our exploration and operations are not incompatible with the values for which the property is World Heritage listed. Furthermore, any exploration or operations in International Union for Conservation of Nature (IUCN) Protected Areas Categories I to IV is only undertaken with an appropriate plan that meets regulatory requirements and adheres to stakeholder expectations.

### **Credible science to underpin decision making**

Scientific understanding and knowledge is core to Woodside's environmental management approach and processes. We rely on having evidence based scientific knowledge to support our understanding of the local environment to inform environmental risk evaluation of our potential impacts upon it. Woodside believes that robust science is critical to making the right environmental decisions.

As part of our environmental approach, scientific baseline and monitoring data is collected and collated to manage and mitigate risks and support cost-effective business decisions and environmental approvals. This approach is applied to inform our decommissioning options to support "equal or better" outcomes.

### **Strong partnerships with local and international research organisations**

We seek to work and collaborate with the best for:

- Stakeholder engagement and support
- Knowledge outcomes
- Capacity and capability

We have well established, long term partnerships with science and educational institutions, non-government organisations, government, Indigenous and community groups.

These partnerships inform our understanding of the challenges and risks within our operating environment whilst providing a mutual benefit to the community and involved parties.

We are members of industry organisations such as the Australian Petroleum Production & Exploration Association (APPEA), International Petroleum Industry Environmental Conservation Association (IPIECA) and International Association of Oil & Gas Producers (IOGP) which allows us to gather and share good practice and knowledge to improve our collective environmental performance as an industry.

### **Transparency of the environmental knowledge we acquire**

Transparency is central to our approach to the environment. Gathering scientific and monitoring data in collaboration with our environmental partners assists us to make the right decisions on environmental management. Sharing this data means we can increase environmental understanding and knowledge across the broader community. We therefore encourage our environmental partners to share the outcomes and knowledge of our science programs via presentations and in publications. This has resulted in over 200+ peer-reviewed scientific publications and continues to grow.

#### **More Information**

[Woodside Health, Safety and Environment Policy](#)

[Woodside 2020 Sustainable Development Report](#)

[www.woodside.com.au](http://www.woodside.com.au)

