Natural environment

Managing our environmental impact

Our operations both depend on, and impact, natural resources. We are committed to strong environmental stewardship and to responsibly managing our use of water, treatment of effluent and generation of waste across our global operations.

We actively manage environmental risks and continue to build our understanding of nature-related dependencies, risks and opportunities. This work is informed by the Kunming–Montreal Global Biodiversity Framework and the Taskforce on Nature-related Financial Disclosures (TNFD).

Preventing harm and strengthening environmental remediation

Preventing environmental harm is a core focus of our environmental strategy. We prioritise avoiding loss-of-containment events at our operating sites, recognising the potential for impacts on land, water and surrounding ecosystems.

Environmental risks are actively managed through defined frameworks that set critical controls and verification protocols, reducing the likelihood of adverse impacts.

We work to preserve and protect the natural environment and, since 2018, have maintained a record of no serious environmental incidents.

Our approach focuses on three key areas:

- Preventing environmental harm: we proactively anticipate and aim to prevent any loss of containment to soil or water, supported by robust operational controls and continuous monitoring.
- Environmental remediation: where impacts do occur, we seek to enhance the effectiveness and readiness of our remediation strategies to enable a fast and appropriate response.
- Global environmental standard: our Material Environmental Issues Review program supports specialist, site-based assessments and helps apply a consistent global environmental standard across all regions.

Understanding our nature-related risks and opportunities

Expectations are increasing for businesses to understand their dependencies and impacts on nature and biodiversity, and to help maintain and restore areas of high natural value while avoiding significant environmental degradation. In response, we are refining our approach to identifying, assessing and managing nature-related risks and opportunities as part of our broader environmental and climate risk management.

Our approach focuses on three key areas:

- Developing our nature-related approach: we are deepening our understanding of nature-related risks and opportunities, aligned with evolving global frameworks and informed by geospatial analysis and ecological assessments.
- Embedding nature and climate into enterprise risk management: material environmental and climate-related risks are progressively being integrated into our enterprise risk processes, with a focus on physical risks to our operations and supply chains.
- Physical climate risk assessment refresh: Orica refreshed its Group-level physical climate risk assessment with support from a third-party climate specialist. The assessment considered forward-looking climate data across selected business-critical operational and value-chain locations.

Strengthening water stewardship

We are committed to transparent reporting and to continuously improving how water is managed across our operations. Responsible water stewardship is essential for our operational continuity and long-term environmental sustainability.

Our approach focuses on three key areas:

- Improving water efficiency: we are working to enhance water efficiency across our sites through process improvements, recycling and reuse strategies, and site-specific water management plans. These initiatives help reduce water-related impacts and strengthen resilience, particularly in water-stressed regions where water availability and quality pose greater risks.
- Engaging stakeholders: where applicable, we work closely with local communities, regulators and other stakeholders to understand shared water challenges and support responsible water stewardship in the regions where we operate.
- Water stewardship: we completed a water-related risk assessment framework and baseline assessment of water-related risks across global operations, including identification of sites with elevated water-related risk exposure.

Driving circularity across our value chain

We are advancing a more circular economy by pursuing initiatives and partnerships that reduce waste and create value from materials that would otherwise be discarded.

Through collaborations with Alpha HPA and MCi Carbon, we are supporting technologies that convert industrial waste into valuable inputs for other industries, helping close material loops and reduce environmental impacts.

Our **Cyclo™** solution further supports circularity by enabling customers to return, reuse and recycle used oil, reducing waste generation and improving resource efficiency across the blasting lifecycle.

Products such as Fortis™ Protect can reduce nitrate leaching in ground water sensitive locations. By combining technical expertise with customer insight, we help customers respond to environmental and social expectations while maintaining safe and productive operations.

Strengthening effluent management

Effective effluent management is critical to protecting the environment, ensuring regulatory compliance and supporting continuous improvement across our operations. Our approach is guided by our Safety, Health, Environment and Security (SHES) Policy, which commits us to minimising adverse environmental impacts from our activities.

Our work focuses on two key areas:

- Managing and learning from effluent-related events: we report, investigate and analyse SHES events, including effluent-related incidents, and take action to prevent recurrence through corrective and preventive controls.
- Reducing and reusing effluents: we implement initiatives to reduce, reuse and recycle effluents across our operations. These initiatives include ammonia recovery systems at major manufacturing sites to minimise nitrogen discharges; water recycling programs at sites such as Yarwun and Kooragang Island to reduce freshwater use and effluent volumes; and closed-loop cooling systems to prevent the discharge of contaminated water.

Safety, Health, Environment and Security Policy

Latest disclosures

Our sustainability reports and supplementary materials provide further details about our performance.

Orica Annual Report 2026

Orica ESG Data and Frameworks Pack 2026

Modern Slavery Statement 2026

Reconciliation Action Plan 2025