

Sustainability Performance – Planet



Planet

Drive positive environmental improvements

Environmental management

Protecting the environment is central to our social licence to operate. During 2022 we have continued the delivery of our group-wide environmental management governance framework and strategy. The objective is to align our business operations with the principles set out in the ISO14001:2015 Environment Management Systems standard and improving our performance over time. Lytton refinery is both ISO9001 and ISO14001 certified and seven of our terminal facilities across NSW, QLD and WA have ISO14001 certification. However, the management of the environmental aspects of our operations is consistent across all our operations.



2022 Environmental performance

Fuels and Infrastructure

Kurnell Terminal spill

In April 2022, as part of a 1 in 100-year rain event, the wastewater separators at our Kurnell Terminal in NSW overflowed, causing 9,200 litres of hydrocarbons mixed with stormwater to be released into the community. Ampol accepted responsibility for the spill and apologised to the Kurnell community for the significant impact caused. We are committed to continuous improvement and building trust in the Kurnell community.

This incident was classified as a Category 3 severity environmental incident. The initial clean-up and remediation work following the event was completed in June 2022. We also performed an investigation following the incident, which identified that our wastewater and associated systems were working, however the combination of a significant rainfall event (a 1 in 100-year storm), high ground water levels following significant ongoing rainfall in Sydney and a peak high-tide resulted in the overflow.

Following the incident, our Kurnell stormwater system has been modified, allowing for larger volumes of stormwater to be diverted and better segregation of stormwater and wastewater. In addition, the findings from our investigation have been shared with the Kurnell community and we have since appointed a Community Engagement Manager based in Kurnell to improve ongoing engagement and communication, including around ongoing operations. In late 2022, we also launched an Ampol Kurnell Community Fund to contribute grants to needed community projects. We continue to hold ongoing engagements with regulators including the NSW Environmental Protection Authority regarding this matter.

Access to our Kurnell community updates, which document the event and our response, can be found at www.ampol.com.au

Newcastle Terminal contamination

In November the NSW EPA made the decision to extend and declare the whole of our Newcastle Terminal as significantly contaminated land due to historic spills. This followed earlier declarations and notifications in 2016 and 2019 regarding contamination in the southern part of the terminal, which is being managed through an ongoing remediation action plan.

We continue to work with the NSW EPA, with notifications to the local community completed with a commitment to continue to update local stakeholders as further works are delivered. This includes further investigative works by an independent environmental contractor, who will also perform any required clean up and remediation activities. An ongoing monitoring program will also be established to ensure there are no community impacts.

PFAS transition

Per- and poly-fluorinated alkyl substances (PFAS) are manufactured chemicals used to make products resistant to heat, stains, grease and water and are used in a variety of applications such as in firefighting foams. These chemicals can have a negative impact on the natural environment since they are persistent over time and can accumulate. We are required by law to maintain firefighting capability and resources at our facilities to safely contain a fire in the unlikely event one should occur.

There are several regulatory requirements to replace PFAS firefighting foam with environmentally non-persistent alternatives. Queensland was one of the first states to change legislation, where we have prioritised the transition of firefighting foam and up until the end of 2022 have successfully transitioned more than 148,000 litres of stock, with a further 58,000 litres still to be transitioned. Our aim is to be fully transitioned in Queensland by 2024. We will also commence the transition to PFAS-free firefighting foams in New South Wales in 2023 in accordance with compliance requirements.

Convenience Retail

Convenience Retail has continued to deliver its Underground Petroleum Storage System (UPSS) Risk Reduction Program, including delivering improvement opportunities to proactively manage risk. We have commenced trialling a tank lining solution over a full UPSS tank replacement as an alternative to tank replacement on some sites. In 2022 we also performed a comprehensive review of our company-owned retail network to ensure adequate oversight of environmental risks, as well as supporting our employees to maintaining UPSS asset integrity.

Pleasingly, we had no Category 2 or 3 environmental incidents in 2022.

Water management

It is critical for us to effectively manage water usage across our facilities, in particular our facilities that require a high volume of water for operational purposes. Lytton refinery continues to be our biggest water user, comprising 85% of our overall consumption in 2022. The majority of water used at the refinery is recycled from an external wastewater treatment plant located close to our facility (41%) or reused condensate to generate steam (25%). Both these measures help to minimise our draw on potable water.

Waste minimisation

Fuels and Infrastructure

Waste within our Fuels and Infrastructure business is predominantly hazardous and has limited options to be recycled or repurposed. Remediation works are continuing at Kurnell, treating legacy soil contamination connected to previous refinery operations on the site. As a result of these remediation activities, 17,101 tonnes of hazardous waste were sent to landfill in 2022. As we remediate our sites, we will continue to comply with state and federal regulations regarding the treatment of hazardous waste.

Convenience Retail

We are always looking for ways to continually evolve and adopt a circular economy approach across our Convenience Retail business to reduce resource use and waste ending up in landfill. In 2022 we continued to implement a range of waste minimisation initiatives, including removing products from stores with higher waste volumes, trialling the Western Australian Return Recycle Renew (WARRRL) Containers for Change program in a number of Perth locations, installing used clothes collection bins in our forecourts at selected sites in the Sydney metropolitan area, and commencing a short trial with WIRES to collect used fresh food produce for sick, injured and orphaned animals in care.

Sustainability Performance – Planet continued

WIRES food donation trial

We delivered a 12-week trial program in partnership with WIRES to rescue and donate fresh produce items at six selected Ampol Woolworths MetroGo locations in Victoria and NSW that otherwise would have been sent to landfill. WIRES is Australia's largest wildlife rescue organisation; and their Food for Wildlife program uses donated fresh produce to help support and feed wildlife in care. This has been a test and learn approach for both of us to understand the logistics and mutual benefits in achieving our common goal of diverting food waste from landfill.



Containers for Change

Towards the end of 2021, we partnered with the not-for-profit organisation Western Australia Return Recycle Renew (WARRRL) to implement a trial at six of our Ampol retail locations in Perth through their Containers for Change program. The program allows for customers to dispose of recyclable drink containers with a 10c reimbursement mark on them in labelled bins we have set up in our forecourts, with all funds from the 10c reimbursements being donated to The Sebastian Foundation. The program has helped avoid over 12,000 containers from ending up in landfill, and in 2023 we will be looking at options to expand the program across all Ampol locations in Perth.



E-Thread

In 2022, we began a partnership with E-Thread, a family-owned Australian organisation that offers a nationwide solution to help tackle the social and environmental implications of used and unwanted clothing. Their tailored garment recovery program redirects unwanted clothing from landfill by either upcycling and issuing them to local and global communities or to social charitable enterprises. Some garments that are unable to be upcycled, are repurposed into rags. Since April 2022, we have diverted up to 36,339 kg of unwanted clothing from landfill via bins located in eight of our Sydney metropolitan retail locations.

36,339kg

of unwanted clothing
diverted from landfill

Z Energy's Trees that Count partnership

In 2022, Z committed to a \$500,000 three-year investment partnership with Trees That Count, a New Zealand based conservation charity that plants native trees across the country. Z has supported 76 community planting groups through Trees That Count since 2017. This new partnership will help to contribute to a science and research project to support the acceleration of indigenous biodiversity, focusing on experimenting with the use of seed islands and nursery crops.

To find out more read Z Energy's Annual Report for the nine months to 31 December 2022, available at the end of February 2023.





Planet | 2022 Planned actions and performance⁴

Trial initiatives to reduce waste going to landfill from our Retail network including container recycling, food donation and sustainable packaging solutions

Achieved



2023 Priorities

Supporting communities and nature



- Explore B2B partnership opportunities that deliver environmental and social value
- Establish environmental and social return on investment metrics to help inform decision-making
- Explore an Australian community partnership to deliver conservation, biodiversity and nature positive outcomes

Circular economy



- Develop and factor circular economy principles into procurement and contractual processes
- Supply chain engagement on circular economy
- Develop and deliver circular economy employee awareness and education program
- Establish circular economy data management system

4. 2022 planned actions limited to Australian operations, while 2023 priorities are enterprise-wide and incorporate Australian, New Zealand (Z Energy) and Singapore operations.