

SOUTH AUSTRALIA POLICE – ANNUAL REPORTING 2020-21

Triple Bottom Line Reporting – Greening of Government Operations

SAPOL continues to work towards a more sustainable future through developing environmental standards and implementing environmental initiatives such as passive design measures, waste management, energy management (including solar energy) and water harvesting.

SAPOL is engaged in the Premier's Climate Change Council program, investigating cost-effective opportunities to improve energy efficiency, reduce greenhouse gas emissions and minimise energy costs associated with the operation of buildings. All accommodation projects pursue Ecologically Sustainable Development (ESD) initiatives incorporating:

1. Use of recycled or recyclable materials for construction and fit out where viable.
2. Harvesting of rain water for reuse in landscaping watering systems or building systems where non-potable water is not required.
3. Installation of solar panels and consideration of batteries.
4. Replacement of light fittings with energy efficient LED systems.
5. Installation of energy efficient supplementary air-conditioning systems for afterhours use.
6. Design of passive cooling systems such as sun shade louvres and natural ventilation where possible.

Asbestos reduction and management continues to be an important activity for SAPOL, all sites have Asbestos management plans and where required annual inspections in place.

SAPOL remains committed to improvements in waste reduction and effective waste management measures for its major metropolitan police sites, this includes staff training.

2020-21 Financial Year

- The three bin waste management system was rolled out to all SAPOL sites during the 2020-21 financial year.
- Five electric vehicles for general use were delivered to SAPOL in late 2020 and five 7kw charging stations were installed at Police Headquarters.
- Three electric vehicle fast charging stations were installed in regional sites, with another two under consideration to support the targets of the South Australian carbon neutral plan by 2030.
- Solar power was installed at the Academy (99kw system) and Christies Beach Police Station (60kw system).
- LED lighting is now the SAPOL standard for lighting upgrades and has been installed at several sites.



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Motor Vehicles

SAPOL has around 1150 general duties and administrative fleet vehicles that have travelled 28.1 million kilometres during 2020-21.

SAPOL continually assess the composition of the fleet to reduce the environmental impact and have continued replacing six cylinder vehicles with four cylinder vehicles where appropriate. During 2020-21, SAPOL held 534 four cylinder vehicles representing a 20% increase on 2019-20.

The introduction of hybrid vehicles has further reduced SAPOL's environmental impact in addition to five electric vehicles within its fleet.

There are 438 vehicles in the SAPOL fleet that utilise diesel fuel and 94 Hybrid vehicles. The below table details a number of key sustainability ratios for General Duties and Administrative Fleet vehicles:

Total General Duties and Administrative Fleet	% 4 Cylinder Passenger	% LPG	% Diesel	%Hybrid
1164	534	-	438	94
	46%	-	37%	8%

The above table is not a full breakdown of the total fleet but reflects the proportion of specific fuel and vehicle.

Facilities

ESD initiatives are being considered in all accommodation project works being undertaken in SAPOL and project designs as far as practicable addressing the prescribed criteria contained in the Department for Infrastructure and Transport (DIT) ESD Guide Note for Planning Design and Delivery.

SAPOL utilise the DIT Green fit out guide and the principles of ESD as a tool when negotiating with the building owners in regards to utilisation of habitable space within a leased facility.

SAPOL includes the overarching ESD objectives; reduce energy, conserve water, reduce waste, reduce pollution, improve indoor environmental quality, reduce operating costs when constructing the Sustainable Development Strategy within Strategic Asset Plan Framework for facilities in line with ISO 55001.

Future SAPOL Environmental Initiatives

SAPOL has a number of environmental initiatives underway and a number planned for 2021-22 including:

- Development of an education tool for all SAPOL staff to optimise the three bin waste management system.
- Further site investigations to install solar and battery systems as energy savings measures and emergency power for unplanned power outages.



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