

Greening DEFENCE

CANADA'S DEFENCE ENERGY AND ENVIRONMENT STRATEGY

Going green is an initiative that all industries and sectors are trying to implement. This policy is not new but one that is growing at a rapid pace. Even in the defence sector, environmental stewardship and managing environmental sustainability are ways of greening defence.

The Department of National Defence (DND) and the Canadian Armed Forces have developed an integrated strategy for energy and environmental management called the Defence Energy and Environment Strategy (DEES) to green its defence.



To help reach its goals, the DEES outlines 18 targets areas.



TARGET 1: By 2030, reduce GHG emissions in DND buildings and commercial vehicle fleet by 40 per cent.

TARGET 2: Invest \$225 million by 2020 in a wide range of infrastructure projects across Canada to reduce DND's carbon footprint.

TARGET 3: Designate energy managers at all bases and wings by 31 March 2019.

TARGET 4: Pursue opportunities to use clean power at all bases and wings by 2025.

TARGET 5: Require new construction and major recapitalization projects to meet or exceed the Silver Leadership in Energy and Environmental Design (LEED) standard or equivalent for high-performing buildings.

TARGET 6: Achieve an EnerGuide energy performance standard for all new or recapitalized residential housing units by 31 March 2020.

TARGET 7: Implement new energy performance contracts at all bases and wings by 31 March 2025.

Defence Energy and Environment Strategy

Goals	Initiatives
Energy efficiency	 Facilities  Commercial fleet  Business travel  Military activities and operations
Sustainable operations	 Contaminated sites  Training areas  Flora and fauna  Hazardous materials
Green procurement	 Business operations  Military equipment
Sustainable real property	 Infrastructure  Workplace operations  Water management



TARGET 8: Ensure 30 per cent of DND light-duty vehicle fleet runs on hybrid, plug-in hybrid and/or electric technology, where suitable for operational needs and where vehicles with this technology are available in the Government Motor Vehicle Ordering Guide, by 31 March 2020.



TARGET 9: Reduce petroleum-generated electrical energy consumption by 50 per cent at deployed camps by 2030.



TARGET 10: Reduce DND's contaminated sites liability by an average of 7 per cent per year by 2020.



TARGET 11: Assess the environmental risk of all small arms ranges by 31 March 2019 to recommend modern range design options and the sustainable use of range and training areas.



TARGET 12: Endorse species-at-risk work plans for all bases and wings by 31 March 2019.



TARGET 13: Implement modernized spill tracking and halocarbon management systems by 31 March 2018.



TARGET 14: Align departmental policy on green procurement with the government's Policy on Green Procurement within 12 months of its issuance by Treasury Board.

TARGET 15: Integrate green procurement considerations in 90 per cent of real property procurement instruments by 31 March 2019, where applicable.

TARGET 16: Achieve 100 per cent compliance with the Cabinet directive on strategic environmental assessments for all relevant departmental proposals.

TARGET 17: Integrate sustainability principles in all real property development plans by 31 March 2020.

TARGET 18: Complete source water vulnerability assessments on all sites where DND supplies its own drinking water by 31 March 2020.