

Sustainability Program



→ In 2016, VNY had 220,228 aircraft operations (1.3% increase from 2015).

→ Annually, VNY contributes approximately \$2 billion to the Southern California economy and supports over 10,000 jobs.



→ In 2016, VNY consumed 8.2 million gallons of potable water (almost 50% less than during 2014).

→ The Van Nuys Golf Course uses reclaimed water for irrigation.



Sustainability Program



→ VNY is a participant of Los Angeles Department of Water and Power's (LADWP) Green Power Program.



→ In 2016, VNY diverted 148 tons of materials from the landfill and/or incineration and recycled 16,703 tons of construction and demolition debris.



→ VNY offices are LA Green Business certified.



Airport Carbon Accreditation

- The Airport Carbon Accreditation (ACA) Program recognized airports worldwide that have committed to managing their carbon footprint through measurement and reduction with the ultimate goal of carbon neutrality.
- There are four levels of accreditation. VNY is at *Level 2*.

- + MAPPING**
Footprint measurement
- + REDUCTION**
Carbon management towards a reduced carbon footprint
- + OPTIMISATION**
Third party engagement in carbon footprint reduction
- + NEUTRALITY**
Carbon neutrality for direct emissions by offsetting



GHG Emissions Inventory

	2013	2014	2015
Scope 1	416.0*	370.9	362.7
Scope 2	94.8	88.7	87.2
Total – Scope 1+2	510.8	459.6	449.9
Aircraft Operations	273,173	238,624	217,063

* in MT CO₂e.



Emissions Scopes

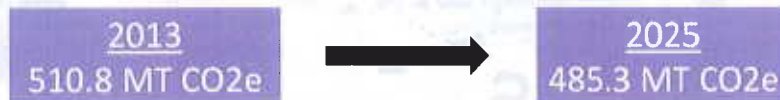
- **Scope 1:** All direct GHG emissions.
- **Scope 2:** Indirect GHG emissions from consumption of purchased electricity, heat or steam.
- **Scope 3:** Other indirect emissions.

SCOPE 1	SCOPE 2	SCOPE 3
<ul style="list-style-type: none"> › Stationary sources – such as direct fuel burn to heat/cool buildings › Vehicles – LAX owned and operated › Fugitive emission releases such as refrigerant release during recharges 	<ul style="list-style-type: none"> › Purchased electricity › Purchased steam › Purchased heat/cooling from a 2nd party 	<ul style="list-style-type: none"> › Business travel & commuting › Electricity transmission and distribution line losses › Contracted solid waste disposal › Contracted wastewater treatment › Life-cycle emissions from procured products



Emissions Reduction Target

- Reduce Scope 1 and 2 GHG emissions 5% below 2013 levels by 2025.



Emissions Reduction Strategies



- Replace old vehicles with all-electric or other alternative fueled vehicles.
- Reduce energy use in buildings by upgrading to energy efficient equipment and turning off devices when not in use.

