

# Carbon Footprint Report FY 2025

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## Mumbai International Airport Limited



### **M/s. Mumbai International Airport Ltd.**

Chhatrapati Shivaji Maharaj International Airport  
1st Floor, Terminal 1, Santacruz (E), Mumbai 400 099, India

## **1.0 Introduction**

Founded and led by visionary industrialist Mr. Gautam Adani, the Adani Group, headquartered in Ahmedabad, India, began its journey in 1988 with a focus on commodity trading through its flagship entity, Adani Enterprises Limited (formerly Adani Exports Limited). Today, it's one of India's largest and most dynamic diversified business conglomerates, with interests spanning sectors such as transport, logistics, energy, utilities, materials, metals, mining, and various consumer-facing industries. The Adani Group comprises eleven publicly traded companies, four of which hold investment-grade ratings, demonstrating the group's financial strength and credibility.

Notably, the Adani Group is India's only issuer of infrastructure investment-grade bonds, highlighting its key role in national infrastructure development.

In 2019, Adani Airport Holding Limited, a subsidiary of Adani Enterprises Limited, was established with the aim of advancing the group's vision to new heights, further solidifying its commitment to growth and innovation in the infrastructure sector.

Mumbai International Airport Limited (MIAL) is managed by Adani Airport Holdings Limited (AAHL), a subsidiary of Adani Enterprises, the flagship company of the globally diversified Adani Group. MIAL is a Public-Private Partnership (PPP) venture between AAHL and the Airports Authority of India (AAI).

MIAL is the first airport in India has implemented a comprehensive Carbon Accounting Management System (CAMS) in the year 2011-12 in line with ISO 14064-1:2006. The airport is a carbon neutral airport and has achieved Airports Council International (ACI) Airport Carbon Accreditation (ACA) Level 3+ "NEUTRALITY" in FY 2016-17. MIAL continues to bring in new and advanced sustainable practices timely to further boost the airports operational efficiency in a green way and achieved ACA Level 4+ "TRANSITION" in the year 2022-23 and "endeavor" to achieve ACA level 5 accreditation.

This management plan is prepared to measure, plan, track, and report Carbon emission reduction and stakeholder partnership plan to achieve the policy commitment and long-term objective of becoming a "Net Zero Emission" airport.

## 2.0 GHG MANAGEMENT AT MIAL

MIAL has released integrated ESG policy recently and demonstrated its commitment to be a sector leader in environmental & sustainability initiatives. The key statement of the revised policy is:

“Maintain  $\geq 90\%$  absolute CO<sub>2</sub> emission reduction in Scope 1 and Scope 2”

“Establish targets and processes towards absolute emission reduction to achieve Airport Carbon Accreditation (ACA) Level 5 and net-zero status by 2050, or earlier, by enhancing operational efficiency, implementing energy efficient technologies, green buildings and exploring decarbonization technologies/opportunities”.

MIAL has achieved emission reduction through the adoption of the following strategies for Scope 1 and Scope 2 i.e.

Strategy	Projects undertaken
<b>1. Implementing energy-efficient technologies &amp; green buildings</b>	<ul style="list-style-type: none"><li>• IGBC Green Building Certification-Platinum Rating for terminal 2.</li><li>• Converting belt-driven fans of AHUs with EC fans in 4 phases.</li><li>• Replacement of conventional cooling tower fills with energy-efficient fills to conserve energy further.</li><li>• Replacement of conventional lamps with LEDs to reduce energy consumption.</li></ul>
<b>2. Transitioning towards renewable energy</b>	<ul style="list-style-type: none"><li>• Switch to 100% Green Electricity since Aug 2022.</li><li>• Onsite electricity generation throughs Solar as well as Hybrid vertical axis wind turbines.</li></ul>
<b>3. Exploring decarbonization technologies/opportunities</b>	<ul style="list-style-type: none"><li>• Transition of high GWP refrigerants to low GWP refrigerants.</li><li>• Replacement of CO<sub>2</sub> based fire extinguishers to non- CO<sub>2</sub> extinguishers.</li><li>• Conversion of 54 Nos of fossil fuel vehicles with EVs.</li></ul>

### 3.0 AIRPORT CARBON FOOTPRINTS

Mumbai International Airport Limited (MIAL) has achieved an absolute reduction of more than 90% in Scope 1 and Scope 2 greenhouse gas (GHG) emissions, compared to the average baseline emissions from the preceding years F.Y. 2019-20, F.Y. 2022-23, and F.Y. 2023-24. The intermediate years F.Y. 2020-21 and F.Y. 2021-22 were excluded due to the impact of COVID-19 pandemic conditions. And the residual emissions have been addressed through verified offset removals. Our Baseline Year GHG emission mentioned below.

GHG Emission	Baseline Year	Baseline Year Emissions (tCO <sub>2</sub> e)
Scope-1 & Scope-2	Average of most recent years from F20 is considered, excluding 2 years of Covid (F21, F22)	30,746
Scope-3*	2024-25	51,58,197

\*Note: MIAL started to report all its relevant scope 3 emission categories from FY 2025.

In FY 2025, MIAL commits to maintaining  $\geq 90 +$  % GHG absolute reduction in Scope 1 and 2 and achieving Net Zero in Scope 3 by 2050, or sooner, from a 2025\* baseline, aligned with the ISO Net Zero and/or sector Net Zero frameworks or commitments, where applicable, with interim targets/milestones outlined in a Net Zero roadmap. Where no Net Zero sector commitments/framework exists, the ISO target applies.

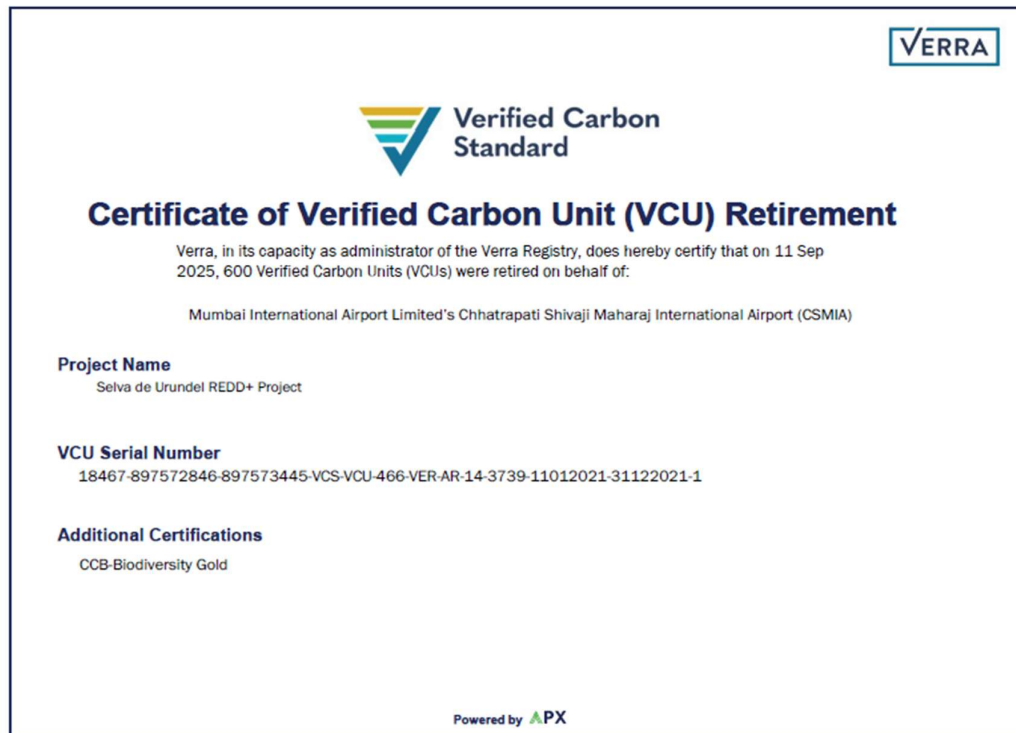
GHG emissions for FY 24-25 are given below.

GHG Emission	FY 24-25 (tCO <sub>2</sub> e)
Scope-1	566.3
Scope-2	0
Scope-3	51,58,197

## 4.0 CARBON OFFSETTING

For the FY 2025, 600 Units of carbon removal credits have been procured to offset scope 1 and scope 2 emission. The detail of the project is given below.

Standard	Verified Carbon Standard (VCS- Verra)
Project ID	VCS 3739
Project Name	Selva de Urundel REDD+ Project <a href="https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=310920">https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&amp;h=310920</a>
Vintage Year	2021
Technology	Agriculture Forestry and Other Land Use
Project Location	Salta, Argentina (AR)
Quantity	600



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