

airport
carbon
accreditation

AOT

AIRPORTS OF THAILAND PLC.
บริษัท ท่าอากาศยานไทย จำกัด (มหาชน)

Airports of Thailand Public Company Limited
Announcement on Environmental Policy

Airports of Thailand Public Company Limited (AOT) is dedicated to managing airports in accordance with best environmental practices, guided by the vision of becoming a leading international eco-airport that is environmentally friendly and sustainable to the community: "Moving toward International Leading Eco-Airport." AOT acknowledges the importance of utilizing resources and energy efficiently and reducing greenhouse gas emissions, aiming to achieve net-zero greenhouse gas emissions by the year 2044. Therefore, AOT has established the following environmental policy:

1. AOT is committed to becoming a net-zero greenhouse gas emissions airport in line with the national and international targets. This includes integrating measures to reduce greenhouse gas emissions and address climate change, both for current operations and the design of new facilities. AOT will promote the use of renewable energy within airports and AOT's areas, ensuring it is appropriately and sufficiently aligned with the total electricity consumption. Additionally, AOT will encourage the use of electric vehicles and clean energy vehicles by both AOT and stakeholder.

2. AOT promotes, supports, and prepares facilities for airlines to use Sustainable Aviation Fuel (SAF).

3. AOT shall establish an Airport Environmental Fund as a mechanism to address environmental issues and support the sustainable development of the communities surrounding the airport.

4. AOT shall managing the airport environment in accordance with best practices to prevent and mitigate impacts, control, and reduce the effects of business operations on the community, ecosystem, and biodiversity as follows:

4.1 Management of aircraft noise impacts by ensuring compliance with applicable regulations and laws.

4.2 Comprehensive waste management, applying circular economy principles to minimize the amount of waste to be disposed of, aiming for zero waste disposal outside the airport.

4.3 Systematic water management for both use water and wastewater, increasing the recycling of treated water that meets quality standards for reuse, to reduce water resource consumption, with the goal of achieving zero wastewater discharge outside the airport.

5. AOT Shall...

5. AOT shall monitor and track environmental quality, as well as develop data collection systems, reporting and verification to ensure transparency and disclosure of airport environment system.

6. AOT shall promotes the involvement of executives, employees, and stakeholders in the development of environmental policies, training, and raising awareness on reducing environmental impacts, managing greenhouse gases, and optimizing the use of resources and energy, while ensuring that the organization continues its business advancement in accordance with sustainable development.

7. AOT shall consider environmental management costs throughout its entire supply chain, including all AOT operations, activities, and future business ventures in the event of mergers or acquisitions process.

Announced on January 14 ,2025

(Mr. Kerati Kijmanawat)

President

Airports of Thailand Public Company Limited

BKK carbon footprint

Total emissions

2024	19,980,169.69 tCO_2e
2025	20,774,424.13 tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	192.97	164.11	tCO_2e	-14.95 %
Mobile combustion emissions	1,919.72	1,983.37	tCO_2e	3.32 %
Fugitive emissions	2,578.75	982.08	tCO_2e	-61.92 %
Process emissions	-	-	tCO_2e	-
	4,691.44	**3,129.56**	tCO_2e	**-33.29 %**

Scope 2: Electricity indirect emissions



Net imported electricity	98,968.12	100,736.92	tCO_2e	1.79 %
Chilled water	83,642.81	57,886.46	tCO_2e	-30.79 %
	182,610.93	**158,623.38**	tCO_2e	**-13.14 %**

Scope 3: Indirect emissions



Category 5: Waste generated in operations	11,951.78	13,830.08	tCO_2e	15.72 %
Category 6: Business travel	48.48	75.50	tCO_2e	55.72 %
Category 7: Employee commuting	7,200.23	7,734.27	tCO_2e	7.42 %
Category 11: Use of sold products	19,680,297.23	20,497,830.74	tCO_2e	4.15 %
Category 13: Downstream leased assets	93,369.60	93,200.60	tCO_2e	-0.18 %
	19,792,867.32	**20,774,424.13**	tCO_2e	**4.14 %**

DMK carbon footprint

Total emissions

2024	3,717,215.46	tCO_2e
2025	4,151,167.59	tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	55.56	55.58	tCO_2e	0.04 %
Mobile combustion emissions	547.33	573.14	tCO_2e	4.72 %
Fugitive emissions	779.26	1,240.00	tCO_2e	59.12 %
Process emissions	-	-	tCO_2e	-
	1,382.15	**1,868.72**	tCO_2e	**35.20 %**

Scope 2: Electricity indirect emissions



Net imported electricity	49,623.79	49,000.65	tCO_2e	-1.26 %
	49,623.79	**49,000.65**	tCO_2e	**-1.26 %**

Scope 3: Indirect emissions



Category 5: Waste generated in operations	2,836.57	3,105.20	tCO_2e	9.47 %
Category 6: Business travel	16.31	9.96	tCO_2e	-38.94 %
Category 7: Employee commuting	1,550.27	1,559.16	tCO_2e	0.57 %
Category 11: Use of sold products	3,648,523.27	4,081,598.02	tCO_2e	11.87 %
Category 13: Downstream leased assets	13,283.09	14,025.88	tCO_2e	5.59 %
	3,666,209.51	**4,100,298.22**	tCO_2e	**11.84 %**

CNX carbon footprint

Total emissions

2024	1,131,530.24 tCO_2e
2025	1,202,957.07 tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	30.05	24.48	tCO_2e	-18.52 %
Mobile combustion emissions	109.09	135.65	tCO_2e	24.35 %
Fugitive emissions	311.17	395.84	tCO_2e	27.21 %
Process emissions	-	-	tCO_2e	-
	450.31	**555.97**	tCO_2e	**23.46 %**

Scope 2: Electricity indirect emissions



Net imported electricity	7,361.99	7,180.81	tCO_2e	-2.46 %
	7,361.99	**7,180.81**	tCO_2e	**-2.46 %**

Scope 3: Indirect emissions



Category 5: Waste generated in operations	376.00	713.31	tCO_2e	89.71 %
Category 6: Business travel	60.93	73.35	tCO_2e	20.40 %
Category 7: Employee commuting	564.05	615.01	tCO_2e	9.04 %
Category 11: Use of sold products	1,120,720.28	1,191,807.67	tCO_2e	6.34 %
Category 13: Downstream leased assets	1,996.69	2,010.96	tCO_2e	0.71 %
	1,123,717.94	**1,195,220.30**	tCO_2e	**6.36 %**

CEI
carbon footprint

Total emissions

2024	204,630.53	tCO_2e
2025	212,082.14	tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	9.69	10.11	tCO_2e	4.33 %
Mobile combustion emissions	113.94	123.30	tCO_2e	8.22 %
Fugitive emissions	222.80	182.24	tCO_2e	-18.20 %
Process emissions	-	-	tCO_2e	-
	346.43	**315.66**	tCO_2e	**-8.88 %**

Scope 2: Electricity indirect emissions



Net imported electricity	2,860.53	2,791.00	tCO_2e	-2.43 %
	2,860.53	**2,791.00**	tCO_2e	**-2.43 %**

Scope 3: Indirect emissions



Category 5: Waste generated in operations	131.70	125.98	tCO_2e	-4.34 %
Category 6: Business travel	37.68	55.52	tCO_2e	47.35 %
Category 7: Employee commuting	965.07	1,005.30	tCO_2e	4.17 %
Category 11: Use of sold products	199,595.51	207,067.48	tCO_2e	3.74 %
Category 13: Downstream leased assets	693.61	721.20	tCO_2e	3.98 %
	201,423.57	**208,975.49**	tCO_2e	**3.75 %**

HDY
carbon footprint

Total emissions

2024	301,961.61	tCO_2e
2025	326,664.51	tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	28.11	31.26	tCO_2e	11.20 %
Mobile combustion emissions	114.22	110.08	tCO_2e	-3.63 %
Fugitive emissions	434.59	434.59	tCO_2e	0.00 %
Process emissions	-	-	tCO_2e	-
	576.92	**575.92**	tCO_2e	**-0.17 %**

Scope 2: Electricity indirect emissions



Net imported electricity	3,693.72	3,802.34	tCO_2e	2.94 %
	3,693.72	**3,802.34**	tCO_2e	**2.94 %**

Scope 3: Indirect emissions



Category 5: Waste generated in operations	157.19	156.93	tCO_2e	-0.17 %
Category 6: Business travel	51.30	56.56	tCO_2e	10.26 %
Category 7: Employee commuting	538.40	556.86	tCO_2e	3.43 %
Category 11: Use of sold products	296,255.68	320,807.75	tCO_2e	8.29 %
Category 13: Downstream leased assets	688.40	708.15	tCO_2e	2.87 %
	297,690.97	**322,286.25**	tCO_2e	**8.26 %**

HKT carbon footprint

Total emissions

2024	27,875.66	tCO_2e
2025	27,700.79	tCO_2e

Scope 1: Direct emissions



	Y2024	Y2025		% Change
Stationary combustion emissions	64.31	53.38	tCO_2e	-17.00 %
Mobile combustion emissions	242.86	223.74	tCO_2e	-7.87 %
Fugitive emissions	2,524.96	2,043.24	tCO_2e	-19.08 %
Process emissions	-	-	tCO_2e	-
	2,832.13	**2,320.35**	tCO_2e	**-18.07 %**

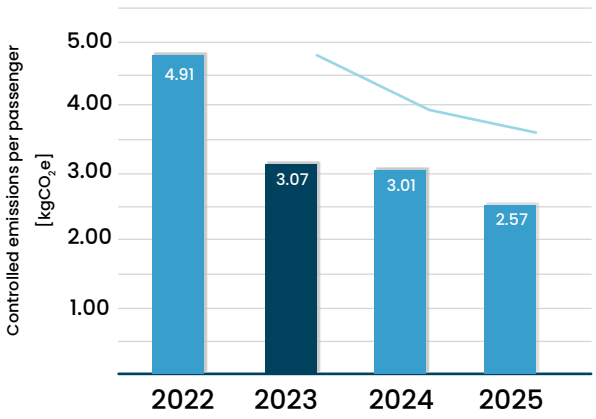
Scope 2: Electricity indirect emissions



Net imported electricity	25,043.53	25,380.44	tCO_2e	1.35 %
	25,043.53	**25,380.44**	tCO_2e	**1.35 %**

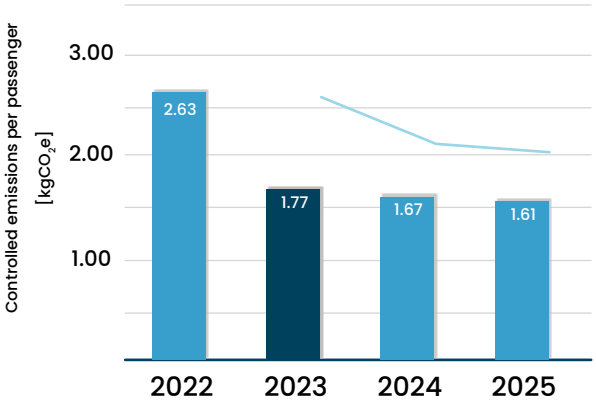
Emission Reduction Target

BKK



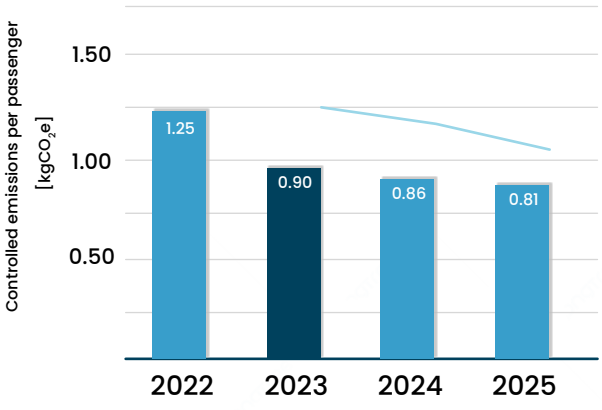
2028 Target: 2.76 $kgCO_2e$

DMK



2028 Target: 1.59 $kgCO_2e$

CNX

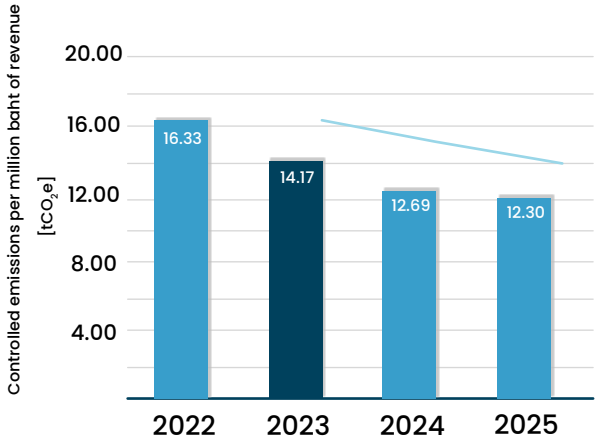


2028 Target: 0.81 $kgCO_2e$

- 3-year rolling average, based on data collected
- Base year intensity emissions
- Intensity emissions (Scope 1&2)

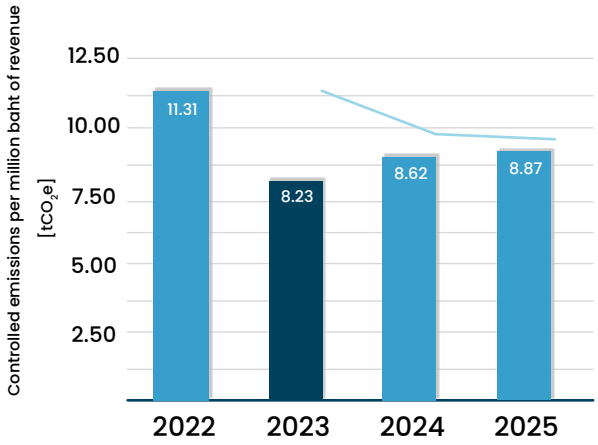
Emission Reduction Target

CEI



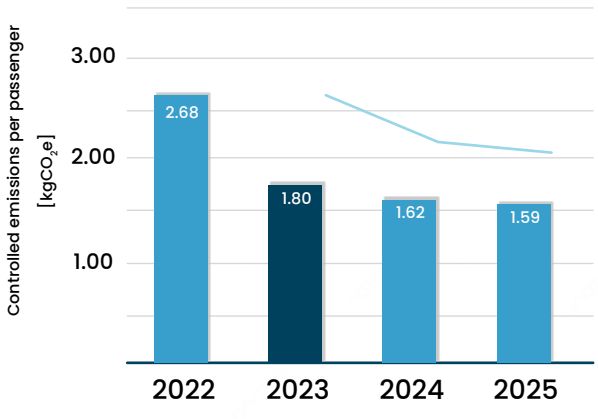
2028 Target: 13.18 tCO_2e

HDY



2028 Target: 7.65 tCO_2e

HKT



2028 Target: 1.62 $kgCO_2e$

- 3-year rolling average, based on data collected
- Base year intensity emissions
- Intensity emissions (Scope 1&2)