



ICAO

UNITING AVIATION

E-GAP

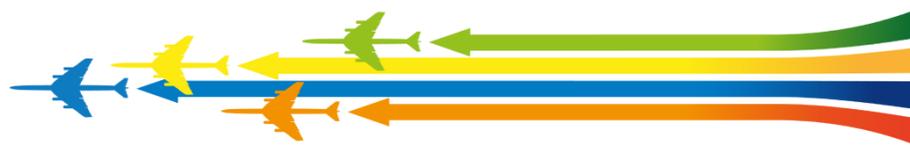


ICAO Global Aviation Partnerships on Emissions Reductions (E-GAP)

Multiplying Environmental Action

Operational Improvements

Stephen Causby - IATA



IATA Fuel Efficiency Program

- Focused on supporting airlines increase fuel efficiency in their operations and reduce CO₂ emissions
- Program supported by data driven statistical measurements
 - Creating Key Performance Indicators (KPIs)
 - Allowing monitoring of performance
 - Enabling sustainable improvement
- IATA Fuel Management Information System

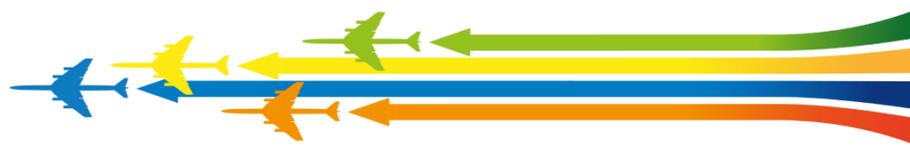




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Proven Success Record

IATA Fuel Efficiency Program (2005-2013)



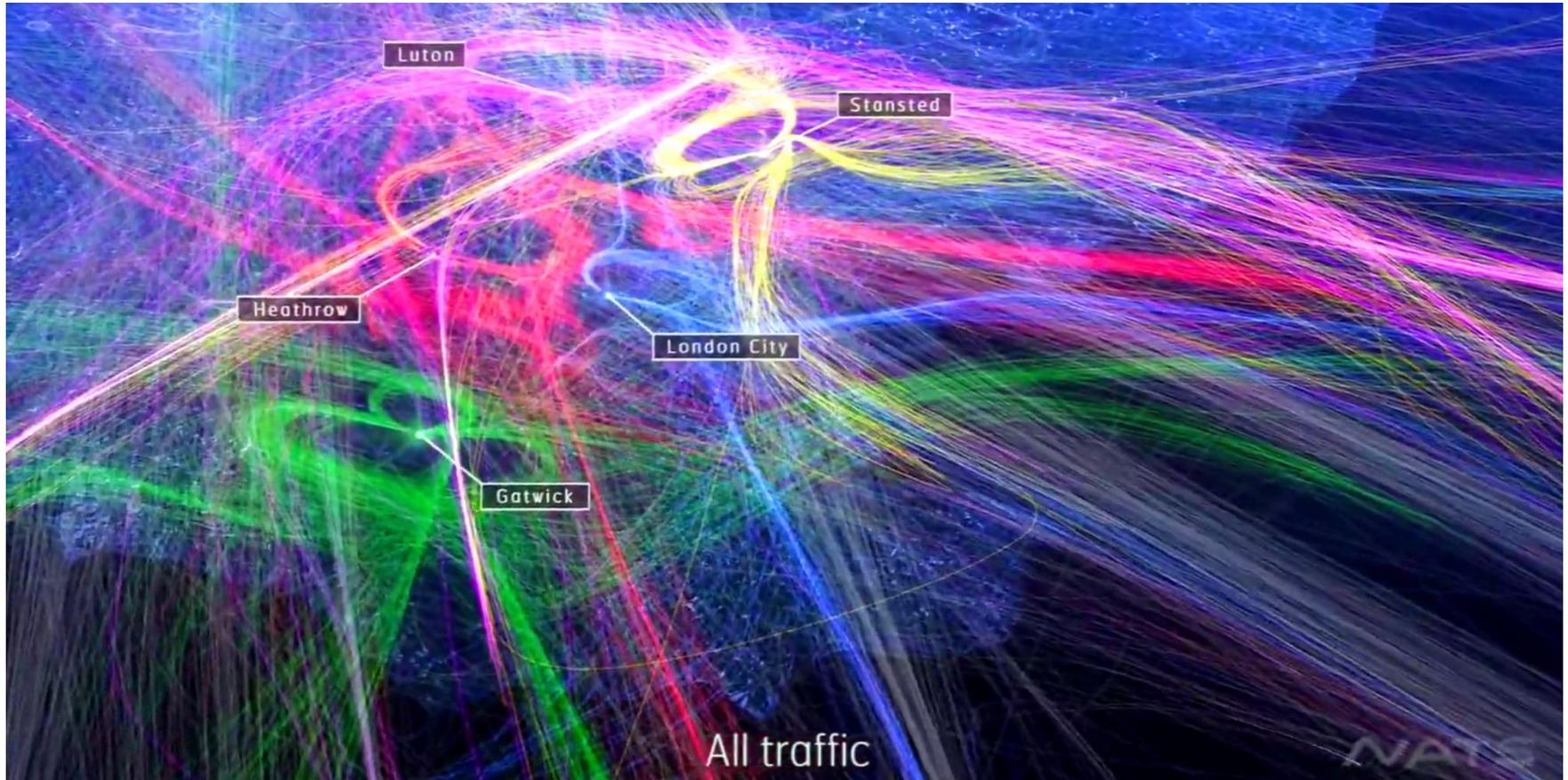
↗ **112+** Fuel Assessments

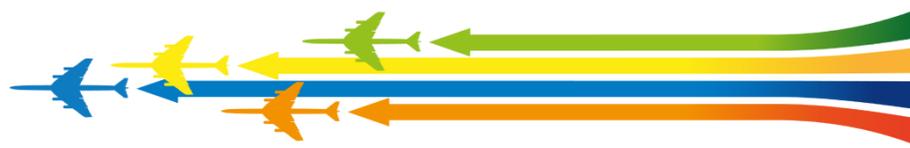
↗ **\$3.8B** Saved from Airline expenses

↗ **15M** Tons of CO₂ emissions reduced



NATS /ANSP





Enhancing Operational Efficiency



الإتجاه
ETIHAD
AIRWAYS

GRU AIRPORT AEROPORTO INTERNACIONAL DE SÃO PAULO

مطار أبوظبي
ABU DHABI AIRPORT



AIR CANADA

AICM Aeropuerto Internacional de la Ciudad de México

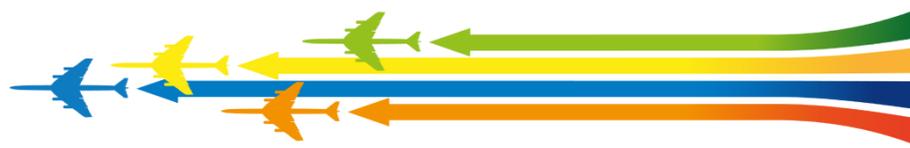
Toronto Pearson



ICAO

UNITING AVIATION

E-GAP



Environmental Management





Fixed Electrical Ground Power





Green Taxiing Systems





IATA Fuel Reporting & Emissions Database

FRED
Fuel Reporting & Emissions Database

Home Fuel Data FAQ Contact Us

Fuel Efficiency Liter/ 100 RTK

Category	2014	2013
Airline	0.0	0.0
Industry avg.	35.5	36.1
Best in class	16.5	14.7

Industry Fuel Efficiency Liter/100 RTK

Year	Value
2010	37.56
2011	37.47
2012	36.83
2013	36.11
2014	35.51

Fuel Data Submission form

Submit data

How to Measure & Report Fuel

Submit your fuel data using the right fuel protocols

Fuel Definition **Fuel Measurement Methods**

My Efficiency Ranking & CO2 Reports

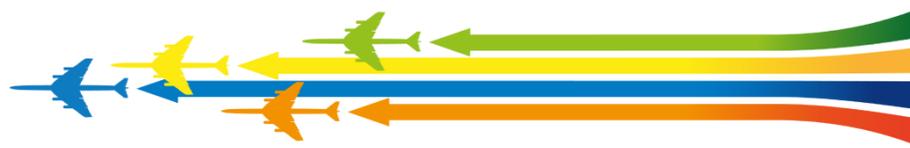
Systemwide CO2 Emissions (000's tons)

Year	Value
2014	0.00
2013	0.00

CO2 Kg per RTK Systemwide

Year	Global	Airline
2014	0.90	0.00
2013	0.91	0.00

My Environmental Pages





FRED
Fuel Reporting & Emissions Database

Home

Fuel Data

FAQ

Contact Us

Carrier Name:
Carrier Code:

Revenue Tonne Kms in THOUSANDS [?](#)

2013	International	Domestic	Sum	2014	International	Var. %	Domestic	Var. %	Sum	Var. %
Scheduled Passenger Services (incl. Belly Cargo Services)	N/A	N/A	N/A	Scheduled Passenger Services (incl. Belly Cargo Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Total	N/A	N/A	N/A	Total	N/A	N/A	N/A	N/A	N/A	N/A

Available Tonne Kms in THOUSANDS [?](#)

2013	International	Domestic	Sum	2014	International	Var. %	Domestic	Var. %	Sum	Var. %
Scheduled Passenger Services (incl. Belly Cargo Services)	N/A	N/A	N/A	Scheduled Passenger Services (incl. Belly Cargo Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Total	N/A	N/A	N/A	Total	N/A	N/A	N/A	N/A	N/A	N/A

Fuel Consumption (Including Biofuel) [?](#)

2013	International	Domestic	Sum	2014	International	Var. %	Domestic	Var. %	Sum	Var. %
Scheduled Passenger Services (incl. Belly Cargo Services)	N/A	N/A	N/A	Scheduled Passenger Services (incl. Belly Cargo Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Total	N/A	N/A	N/A	Total	N/A	N/A	N/A	N/A	N/A	N/A
Belly Cargo Services (part of Scheduled Passenger Services)	N/A	N/A	N/A	Belly Cargo Services (part of Scheduled Passenger Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A

Biofuel Consumption [?](#)

2013	International	Domestic	Sum	2014	International	Var. %	Domestic	Var. %	Sum	Var. %
Scheduled Passenger Services (incl. Belly Cargo Services)	N/A	N/A	N/A	Scheduled Passenger Services (incl. Belly Cargo Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A
Total	N/A	N/A	N/A	Total	N/A	N/A	N/A	N/A	N/A	N/A
Belly Cargo Services (part of Scheduled Passenger Services)	N/A	N/A	N/A	Belly Cargo Services (part of Scheduled Passenger Services)	<input type="text"/>	N/A	<input type="text"/>	N/A	N/A	N/A

Density Factor [?](#)

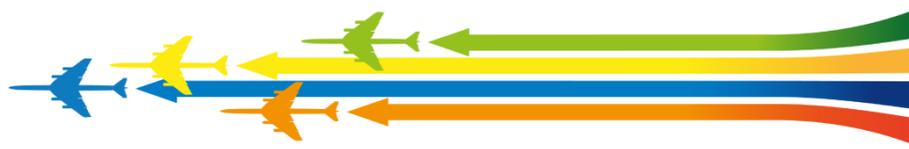
Factor

Carbon Offsets [?](#)

2013	CERs	VERs	Total	2014	CERs	VERs	Total
Airline Financed Offset	N/A	N/A	N/A	Airline Financed Offset	<input type="text"/>	<input type="text"/>	N/A
Passenger Financed Offset	N/A	N/A	N/A	Passenger Financed Offset	<input type="text"/>	<input type="text"/>	N/A
Total	N/A	N/A	N/A	Total	N/A	N/A	N/A

Comments [?](#)

The fuel consumption reported in FRED has been validated by a third party? [?](#)



Multiplying Environmental Actions through Partnerships

