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

Multiplying Environmental Action

Operational Improvements

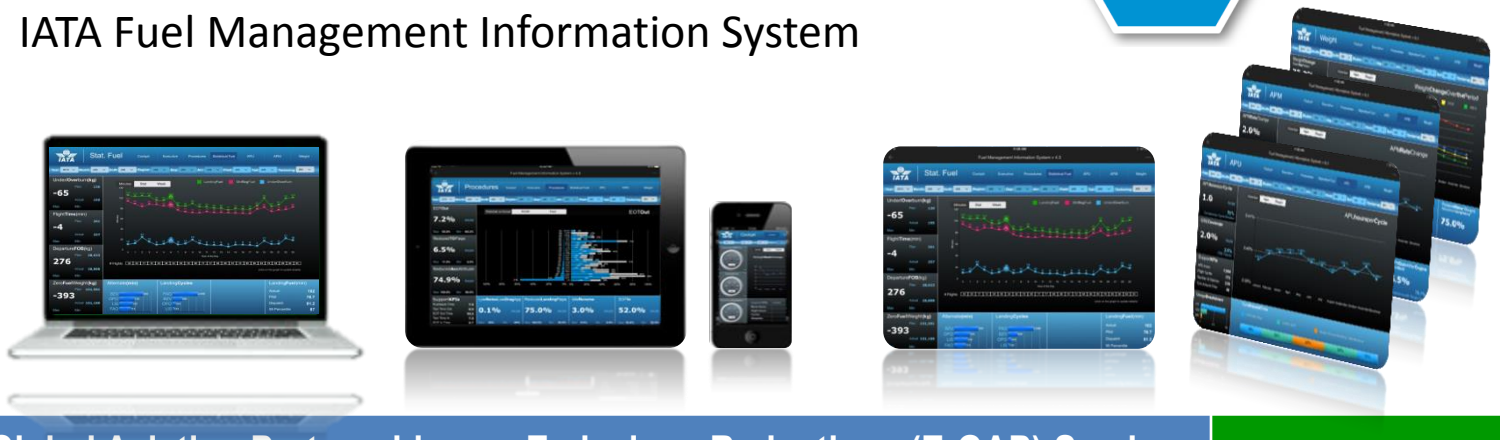
Stephen Causby - IATA

IATA Fuel Efficiency Program

- Focused on supporting airlines increase fuel efficiency in their operations and reduce CO_2 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



Proven Success Record

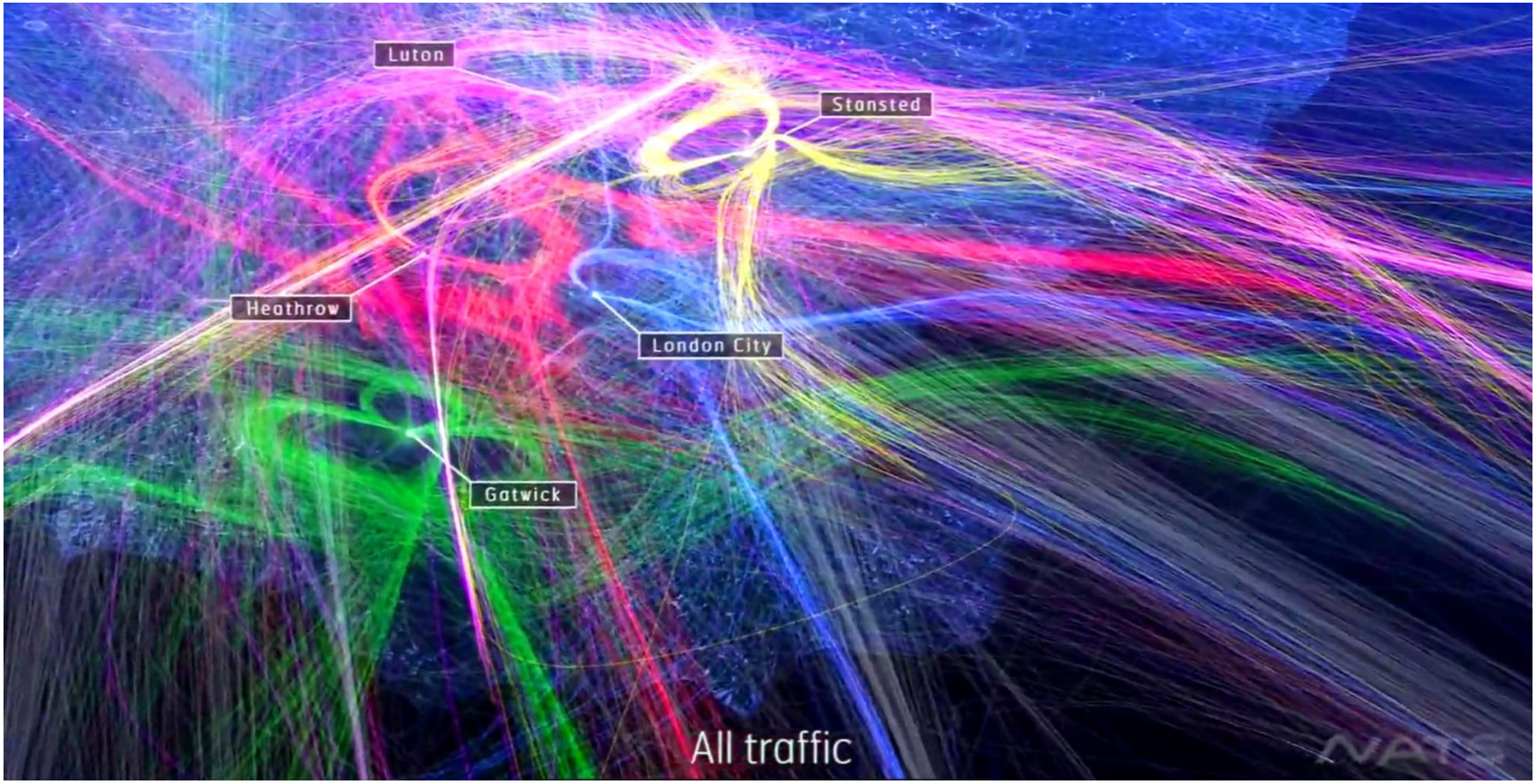
IATA Fuel Efficiency Program (2005-2013)

↗ 112+ Fuel Assessments

↗ $3.8B Saved from Airline expenses

↗ 15M Tons of CO_2 emissions reduced

NATS /ANSP



Enhancing Operational Efficiency

Environmental Management

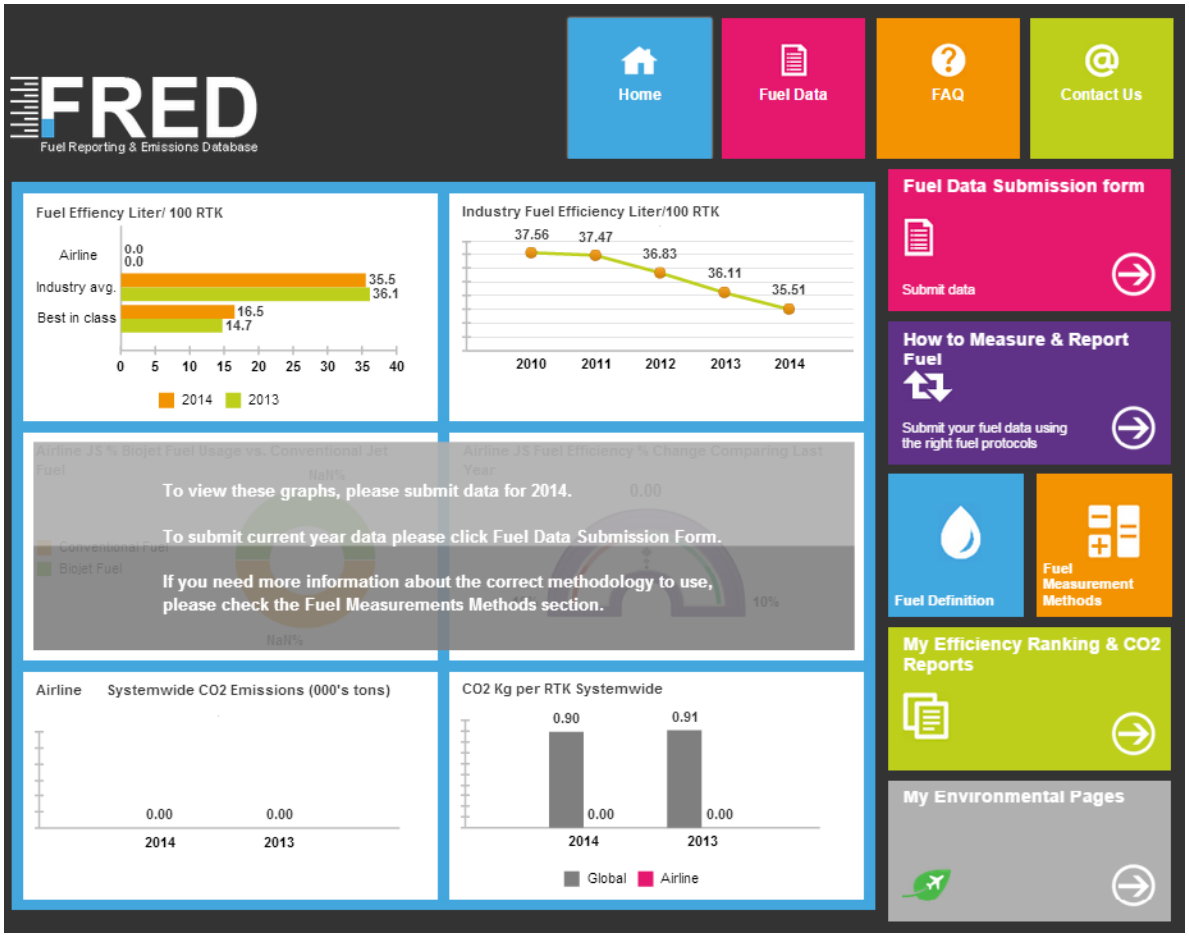
IATA | IEnvA
IATA Environmental Assessment

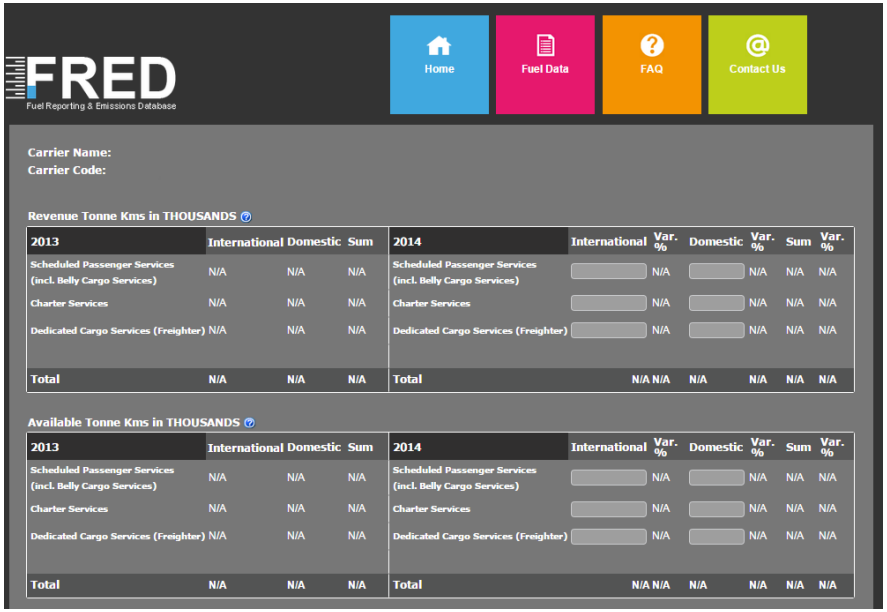
FINNAIR
SOUTH AFRICAN AIRWAYS
LAN
Kenya Airways
SriLankan Airlines
ICELANDAIR
malaysia AIRLINES
Air transat
POLISH AIRLINES
AIR INDIA
QATAR AIRWAYS
ETIHAD AIRWAYS
LAN CARGO
LOT

Fixed Electrical Ground Power

Green Taxiing Systems

IATA Fuel Reporting & Emissions Database





FRED
Fuel Reporting & Emissions Database

Home | Fuel Data | FAQ | Contact Us

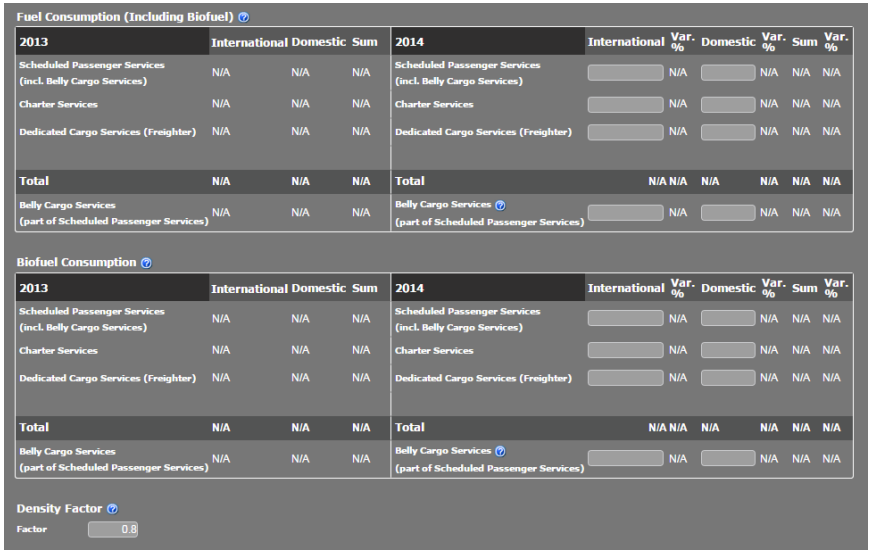
Carrier Name:
Carrier Code:

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)		N/A		N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services		N/A		N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)		N/A		N/A	N/A	N/A
Total	N/A	N/A	N/A	Total		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)		N/A		N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services		N/A		N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)		N/A		N/A	N/A	N/A
Total	N/A	N/A	N/A	Total		N/A N/A		N/A	N/A	N/A



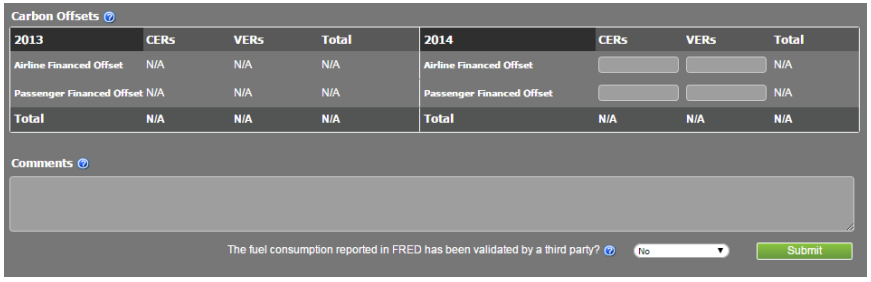
Fuel Consumption (Including Biofuel)

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)		N/A		N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services		N/A		N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)		N/A		N/A	N/A	N/A
Total	N/A	N/A	N/A	Total		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)		N/A		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)		N/A		N/A	N/A	N/A
Charter Services	N/A	N/A	N/A	Charter Services		N/A		N/A	N/A	N/A
Dedicated Cargo Services (Freighter)	N/A	N/A	N/A	Dedicated Cargo Services (Freighter)		N/A		N/A	N/A	N/A
Total	N/A	N/A	N/A	Total		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)		N/A		N/A	N/A	N/A

Density Factor
Factor 0.8



Carbon Offsets

2013	CERs	VERs	Total	2014	CERs	VERs	Total
Airline Financed Offset	N/A	N/A	N/A	Airline Financed Offset			N/A
Passenger Financed Offset	N/A	N/A	N/A	Passenger Financed Offset			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? No Submit

Multiplying Environmental Actions through Partnerships