

EU ETS Registry data analysis

Methodology note

April 2020

1. Introduction

Every April, the European Commission released compiled [ETS emissions data](#). T&E analyses this data to understand the previous years performance of airlines and to draw a comparison with other sectors in the ETS. This methodology note details the analysis we have undertaken to infill missing data and which airlines are grouped together and why.

2. Emissions filling

Typically there are a certain number of accounts that do not report their emissions on time. If an account has not reported (i.e., they have -1 reported), their account is listed as open and they are not excluded from reporting, their 2019 emissions are directly carried over from 2018. Although this approach is applied entirely to the stationary emissions, for the airline emissions a more detailed analysis was undertaken. The largest bankrupt airlines were identified and month that they declared bankrupt and stopped operations noted. Their 2019 emissions were then set as a fraction of their 2018 verified emissions, based on the number of months they operated in 2019. The bankrupt airlines we identified are listed in the table below, with the amount of emissions that were allocated shown, where we use the assumed emissions in 2019 in our analysis.

IDENTIFIER_IN_REG	last operations	Assumed 2019 operations	Verified emissions 2018	Verified emissions 2019	Assumed emissions 2019	Notes
WOW Air	Mar-19	25%	278125	Excluded	0	
Thomas Cook Airlines Scandinavia	Sep-19	75%	199164	187038	187038	Reported on time
Thomas Cook Airlines Ltd	Sep-19	75%	449295	-1	336971	
AIGLE AZUR	Sep-19	75%	40700	-1	30525	

Adria Airways d.d.	Sep-19	75%	84099	48220	48220	Reported on time
XL AIRWAYS FRANCE	Oct-19	83%	8135	-1	6779	
British Midland Regional Limited (bmi regional)	Feb-19	13%	104256	-1	13032	
Primera Air Nordic SIA	2018	0%	32894	-1	0	
ASTRA AIRLINES S.A.	Nov-19	88%	20915	-1	18475	
Small Planet Airlines, UAB	2018	0%	62452	-1	0	
Small Planet Airlines sp. z o.o.	2018	0%	129105	-1	0	
EACL ETS Account	closure	0%	2873376	-1	0	Former EasyJet Account

3. Airline Grouping

Some airlines have different accounts in different member states of the EU. For all intents and purposes, these different accounts are attributable to an airline based on whether or not a passenger believes they are flying with a certain company or not. EasyJet, for example, have four accounts, however they do not have four separate airlines, or websites to book those flights, or are operated by different entities. This differs from subsidiaries, for example Lufthansa owns Brussels Airlines, but Brussels Airlines is a different brand than its parent company. Likewise for stationary installations, where Marista has 3 power plants in Bulgaria, which are within 100km of each other, but each are operated separately and have different owners. Power plants and industry tend not to be outward facing companies, and thus we keep their accounts separate. The airlines that we grouped together are shown in the table below, under an airline alias that is the commonly used name.

Airline ALIAS	IDENTIFIER_IN_REG	NOTES
TUI	30011.TUI AIRLINES BELGIUM	
TUI	Handelskonto TUIfly GmbH	
TUI	TUI Airlines Nederland BV	
TUI	TUIfly Nordic AB	
TUI	Thomson Airways Limited	Name as registered in EUTL: TUI Airways Limited
Ryanair	Ryanair Sun S.A.	

Ryanair	Ryanair DAC	
ASL	27011.ASL Airlines Belgium	
ASL	ASL AIRLINES FRANCE SA	
ASL	Farnair Switzerland	Name as registered in EUTL: ASL Airlines (Switzerland) AG
ASL	ASL Airlines (Hungary) Kft.	
ASL	ASL Airlines (Ireland) Limited	
FedEx	11102.FedEx Express Corporate Aviation	
FedEx	FEDERAL EXPRESS CORPORATION	
EasyJet	easyJet Switzerland SA	
EasyJet	EASYJET UK LIMITED	
EasyJet	EACL ETS Account	Account no longer active
EasyJet	easyJet Europe Airline GMBH	
Norwegian	Norwegian	
Norwegian	Norwegian Air International Limited AOHA	
Norwegian	Norwegian Air UK	
DHL	European Air Transport Leipzig GmbH	
DHL	DHL Air Limited	

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