

EU-South Asia Aviation Partnership Project (EU-SA APP)

*Strengthening the partnership in aviation between the
European Union and South Asia*

*This project is funded by the European Union and
implemented by the European Union Aviation Safety Agency*

EU-SOUTH ASIA AVIATION PARTNERSHIP PROJECT

Environment *Matters* for Aeroplane Operators

CORSIA Implementation at SriLankan Airlines

Pasindu Senanayake
SriLankan Airlines
Katunayake (Sri Lanka), 25-28 February 2020

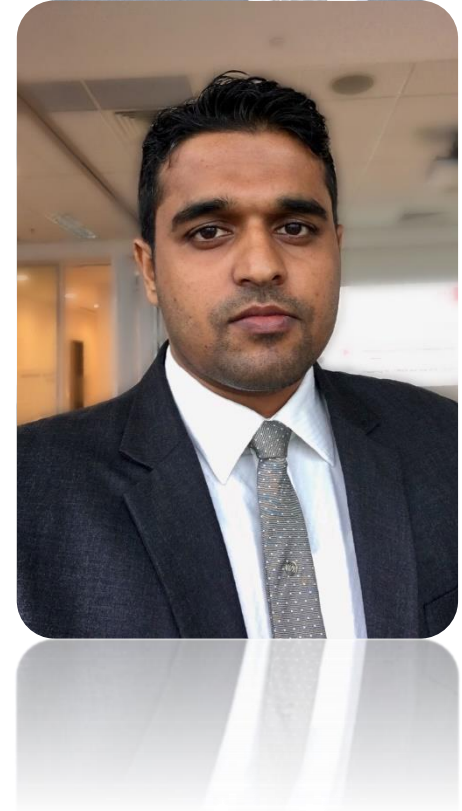


EU-SOUTH ASIA APP

Your safety is our mission.

Pasindu Senanayake – SriLankan Airlines

- Pasindu Senanayake drives the aviation fuel efficiency & environmental compliance related operational activities of SriLankan Airlines, focusing on cost management & improving fuel efficiency.
- Pasindu has total of 08 years' experience in Aviation industry.



About SriLankan Airlines...



- SriLankan Airlines is the flag carrier of Sri Lanka and a member of the Oneworld alliance.
- SriLankan Airlines Operate with a Airbus Fleet with total of 26 aircrafts.
- SriLankan Airlines extend it's services to 113 destinations in 51 countries with a sound reputation for its service, comfort, safety, reliability, and punctuality.

Internal preparation to comply with CORSIA...

- Flight Operations Fuel Management section has been identified as the focal point of CORSIA

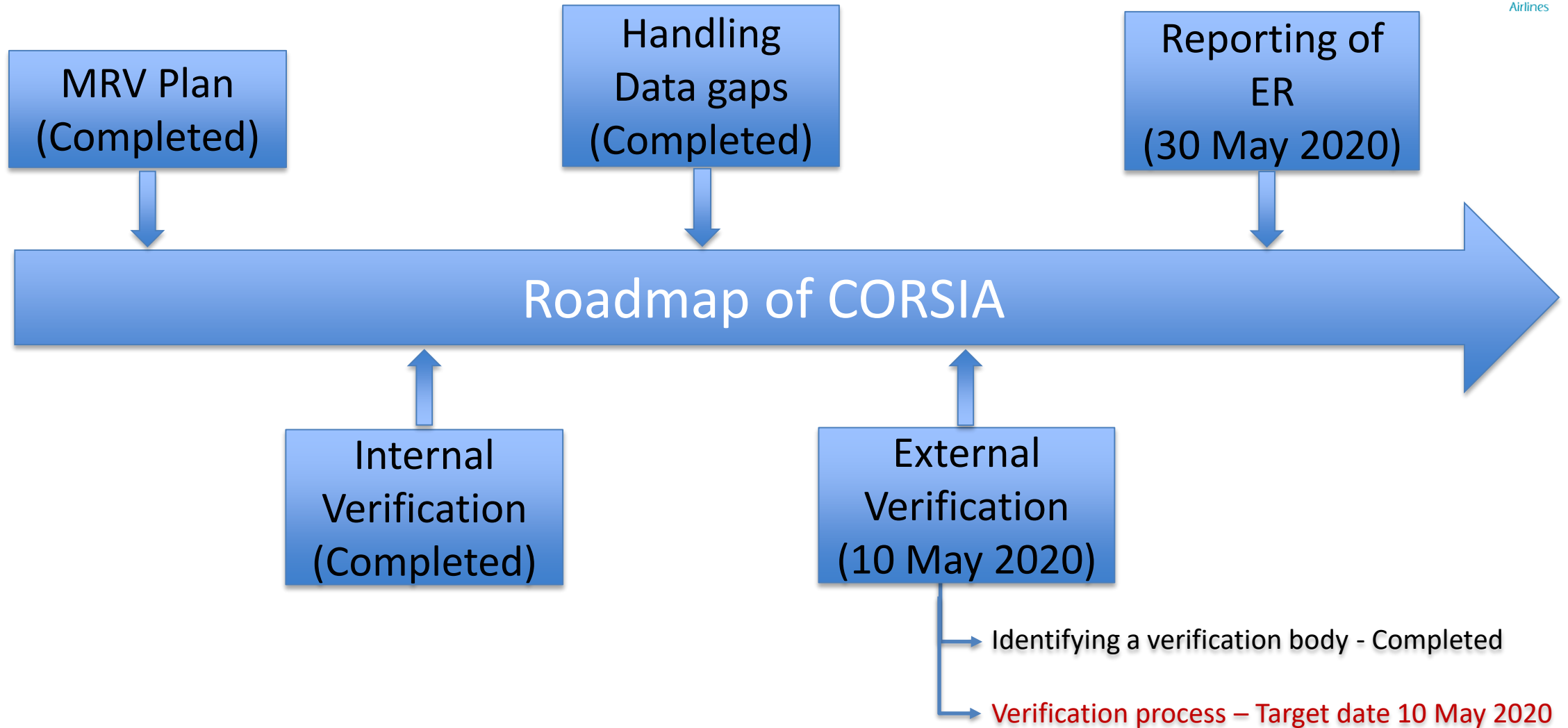
Knowledge

- IATA workshops & Webinars
- CAASL seminars such as this
- Knowledge gained through EU-ETS was an added advantage.

Resources

- Implementing Standard (IS) -098 issued by CAASL
- In house built Fuel Management System (FMIS)

Roadmap of CORSIA...



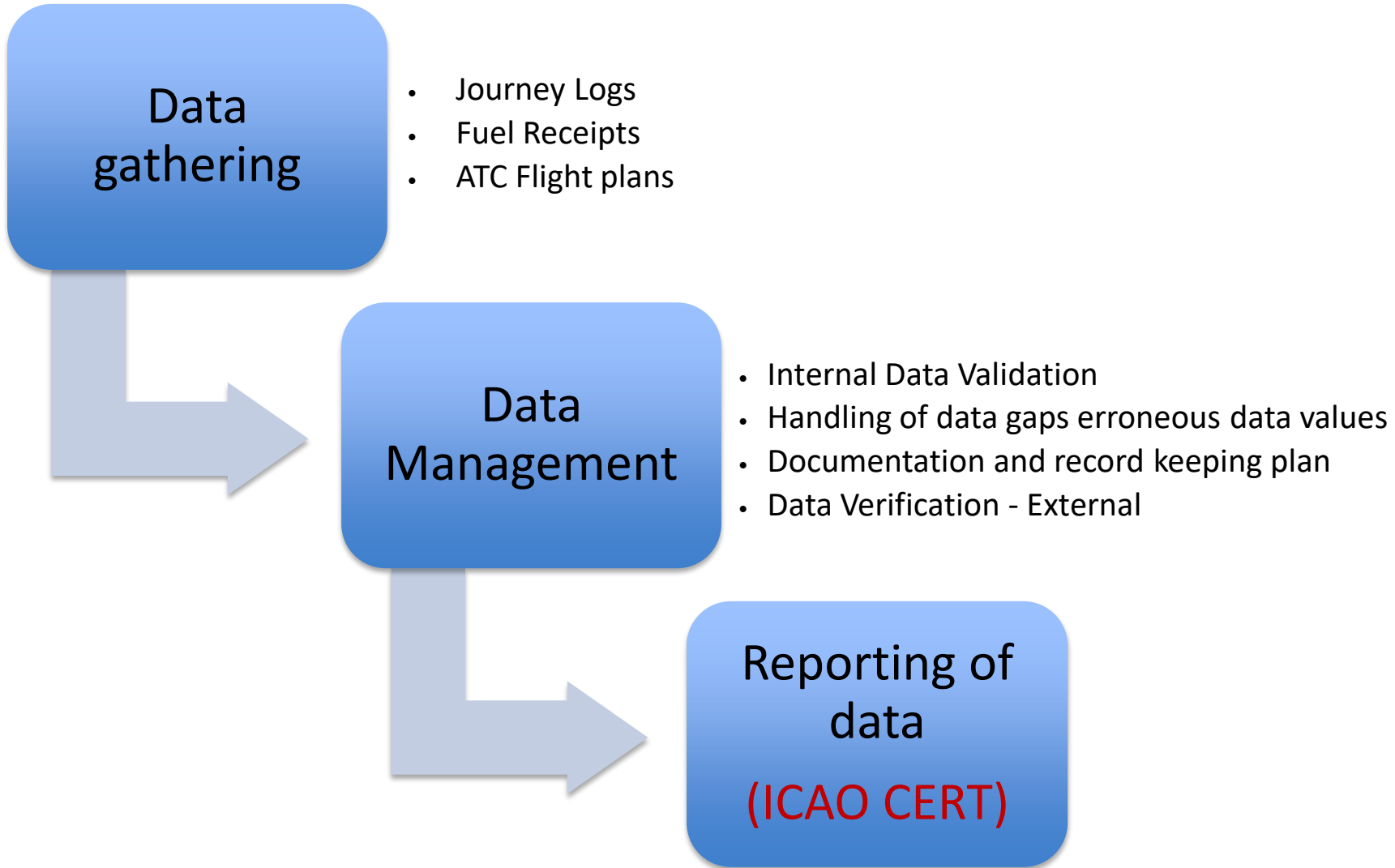
Preparation of MRV plan...



CORSIA MRV plan of SriLankan Airlines was prepared in accordance with Environmental Technical Manual Volume IV (Doc 9501) & IS-098 issued by CAASL.

Accordingly, SriLankan Airlines opted to use **method B** to monitor fuel consumption of its flights which falls under CORSIA MRV scheme.

Process of CORSIA MRV...



Data flow diagram for CORSIA MRV

Preparation of Emissions Report...

- Flight operations fuel management section maintain a database of operational records of each flights.
- The data required for CORSIA MRV shall be extracted as a ".csv" file.
- Flights subject to no offsetting requirements shall be identified using item 18 of ATC flight plan.
- ICAO,CERT shall be used to identify data gaps for necessary corrections, prior preparation of the emission report.

Handling of Data gaps and Erroneous data...

- Daily/Monthly data integrity verification checks shall identify blank data fields and erroneous data.
- Potential erroneous data will be identified by comparing data with average data for the same aerodrome-pairs or similar flights. This shall be done on monthly basis.
- Blank data fields identified from data integrity checks shall be updated/rectified using secondary sources.
(Electronically stored Fuel receipts, Journey logs, ATC flight plans)

Thank you for your attention!

<https://www.eu-southasia-app.org/>



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