IATA Fuel Management Information System

Effective monitoring of fuel saving and carbon emissions reduction initiatives are critical to the success of an airline’s fuel and carbon emissions efficiency programs. The fuel efficiency monitoring system should provide a method of evaluating the savings, as well as show the results and progress of other individual initiatives.

IATA’s Fuel Management Information System (FMIS) provides a method for tracking an airline’s fuel and carbon efficiency programs and is a decision making tool to ensure sustainable results. FMIS provides benchmarking against targets that are created based on the airline’s actual operational and internal goals. This easy to use software is provided on a friendly graphical user interface (GUI), that covers areas such as Dispatch, Flight Operations, APU (Auxiliary Power Unit), IAPM (Integrated Aircraft Performance Monitoring), and Weight Control. IATA’s FMIS tool is available on iPad, iPhone, and PC (web based).
What is it about?

IATA’s Fuel Management Information System is a simple, efficient and user-friendly solution for airlines providing a continuous process for monitoring planned efficiency improvements that ensures sustainability of achieved results.

All airline data is stored in an ISO27001 secure cloud-based environment and is easily accessible by the customer for further in-house, in-depth analysis as desired. The tool also allows for an easy upgrade path as new data capabilities are made available. Full customization to meet specific airline requirements is available.

The Key Performance Indicators (KPIs) used in the tool have been developed in conjunction with the same subject matter experts who have provided their expertise with onsite visits to over 100 operators worldwide, conducted as part of the current IATA Fuel Efficiency Program Development and Implementation service.

The tool uses a singular data feed (daily or weekly) from an airline’s operational database, along with regular manual entry for the accomplishment of key maintenance tasks to calculate all the KPIs. Alternatively, the tool can be connected to a multitude of different data sources if there is no central operational database yet in place. This configuration is then tailored based on the airline’s existing systems to provide as complete a functionality as possible, with the goal of providing the same level of detail as would be expected when connected to the main operational database.

The IATA FMIS tool is available for iPad, iPhone, and PC (web based).

Who is the target audience and what are the main benefits?

Airlines with a structured fuel efficiency program in place:

- FMIS supports monitoring of an airline’s fuel & carbon emissions programs based on the airline’s operational data (airline to define the update frequency)
- The tool provides a view of the actual fuel saving potential based on current operations

Airlines participating in the IATA Fuel Efficiency Program Development and Implementation consulting service:

- FMIS provides the airline with quantifiable measurement of the savings predicted during the fuel program implementation
- The tool supports continuous monitoring of the achievements for sustainable improvement and allows review of procedures to maximize benefits

Find out more

For more information about the IATA Fuel Management Information System, please visit [www.iata.org/fmis](http://www.iata.org/fmis) or contact us at fmis@iata.org