



EFFECTIVE SOLUTIONS
FUEL EFFICIENCY
FOR A CHANGING WORLD



OVERVIEW

Fuel has always been a major component in airline cost structure. Today, constant price increases have pushed this liability to an average 26% of total airline operating costs – a volatile situation that is increasingly difficult to manage. The recently launched IATA Fuel Action campaign is aimed to help airlines tackle this complex issue.

Reducing flight times, improving air traffic flows, realising route optimisation and implementing efficient fuel operating procedures are the four key initiatives, which – if achieved – could represent over US\$2 billion in potential savings annually. IATA Consulting's Fuel Conservation service supports these initiatives by assisting airlines in implementing best practices for aviation fuel procurement and management. Our focus is to help you uncover potential fuel-saving opportunities within your operational infrastructure.

PHASED APPROACH

Two key phases characterise our Fuel Conservation approach:

FUEL EFFICIENCY GAP ANALYSIS

(Fuel Efficiency Consulting for non-IATA Members)

In this phase, we assess your airline's fuel management processes and procedures.

IMPLEMENTATION

With potential savings opportunities identified, we help set priorities and support a successful implementation of effective solutions.



OBJECTIVE

Detailed assessment of your airline's fuel management processes and procedures.

Support airline in establishing priorities and launching implementation.

CONTENT

Three experts visit airline over a 3-4 day period, to interview senior management and operational staff.

Three experts assist airline management on-site for either 2 periods within 3 months or 3 periods over approximately 6 months.





DELIVERABLE

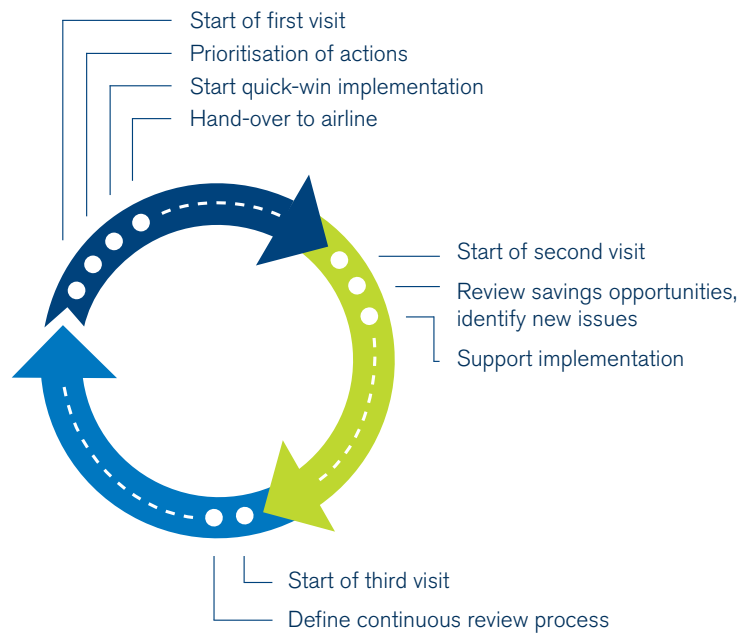
Comprehensive report (delivered within four weeks) containing recommended cost-saving measures and estimated savings potential.

Meeting notes, regular status reports and white papers.

The objective is to create a defined process for ongoing improvement that extends beyond the initial project end.

Legend:

-  FEGA/FEC visit
Launch new fuel savings projects
-  Implementation project end
Prepare new fuel savings projects
-  Execution by airline
IATA off-site support
-  IATA on-site support



VALUE FOR YOUR BUSINESS

Counting more than 75 airlines reviewed worldwide, IATA Consulting has helped realise savings of more than US\$ 2 billion, representing on average 5.9% of individual fuel budgets. Opportunities for fuel savings can be identified in three typical areas:

FLIGHT OPERATIONS

Accounts for approximately 43% of total uncovered savings: APU usage, flap usage, climb and descent speed, wind management, engine out taxi procedures, cost index, idle reverse operation, pilot technique, etc.

FLIGHT PLANNING, OPERATIONAL EFFICIENCY AND AIR TRAFFIC CONTROL

Represents 37% of total savings on average: flight duration, route planning, alternate airport selection, zero fuel weight accuracy, reserve fuel policy, Flight Planning System, Fuel Information Management Database, etc.

MAINTENANCE & ENGINEERING

Typically 20% of total savings: aircraft performance measuring, maintenance programmes, engine overhaul planning, structural alignments, training on fuel conservation, etc. Cabin Operations: Weight reduction, IFE, etc.

CONTACT US

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