

ALFA-BIRD

There are 23 partners involved in the ALFA-BIRD consortium, which comprise several Original Equipment Manufacturers (OEMs) in the turbine engine and airframe manufacturing fields as well as a range of research organisations with a focus on aviation fuel technology. These are:

Airbus France, FR
Airbus Central Entity, FR
Airbus UK, UK
Avio S.p.A, IT
Centre National de la Recherche Scientifique, FR
Dassault Aviation, FR
Deutsches Zentrum für Luft- und Raumfahrt e.V., DE
European Virtual Institute for Integrated Risk Management, DE
Graz University of Technology, AU
Institut National de l'Environnement Industriel et des Risques, FR
Institut National des Sciences Appliquées de Toulouse, FR
IFP-Institut Français du Pétrole, FR
Lesaffre Group, FR
MTU Aero Engines GmbH, DE
Office National d'Études et de Recherches Aérospatiales, FR
Rolls-Royce, UK
SASOL Technology (Pty) Ltd., ZA
SHELL Aviation, UK
SNECMA, FR
Technologica Group, BE
University of Sheffield, UK
Universität Karlsruhe, DE
University of Toronto, CA

Matrix of 12 alternative jet fuels

FSJF from Sasol (CTL fuel)
FT-SPK from Shell (GTL fuel)
FT-SPK + 50% Naphthenic cut
FT-SPK + 20% Hexanol
FT-SPK + 10% Furan
FT-SPK + 20% Furan
FT-SPK + 30% Furan
FT-SPK + 10% FAE
FT-SPK + 20% FAE
FT-SPK + 30% FAE
FT-SPK + 50% HVO
FT-SPK + 75% HVO