



The Scenic Project: Overview

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The SCENIC project has been founded by the European commission under the EU Framework 5 RTD Program. This three years project has begun in February 2002 and is consequently finished. It has regrouped several European atmospheric research centers and relevant European aeronautical industry representatives.

The aim of the SCENIC project was to study the atmospheric impact of possible future fleets of supersonic aircraft using state-of-the-art atmospheric models and realistic supersonic fleet scenarios.

Several supersonic fleet scenarios have been proposed by the industry partners to be able to determine the most environmentally friendly possible fleet. The major points evaluated by the SCENIC modeling team were: role of NO_x in changing ozone, influence of aerosol and contrail, change in water vapor concentration and finally change in radiative forcing of the atmosphere due to the supersonic fleet (taking into account of all the previous impacts).

The poster presentation will give an overview of the results within all the work packages of the SCENIC program.