



BIO4A - Advanced sustainable BIOfuels for Aviation

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PROJECT CONCEPT

Accelerate the deployment of Aviation Biofuels, enabling commercial production. Supporting the accomplishment of pre-commercial plant(s) for advanced biofuels for aviation based on sustainable biomass feedstock.

PROJECT OBJECTIVES

- 1) To bring HEFA to full commercial scale in new plant using residual lipids (Used Cooking Oil - UCO);
- 2) To investigate alternative supply of sustainable feedstocks recovering EU MED marginal land for drought resistant crop production;
- 3) To test the entire chain and logistic at industrial scale, and assess environmental performances.
- 4) Positive GHG and energy balance expected

Highlights (technological/non-technological):

New Aviation Biofuel plant producing HEFA (1000 tons)

Production and test of HEFA in commercial flights in non-segregated mode

R&D Work on marginal land in Spain and Italy recovered by biochar/compost addition producing non-food sustainable lipids

Dedicated Dissemination, Communication and Exploitation action



Advanced Sustainable Biofuels for Aviation



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Project Partners



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