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www.biofit-h2020.eu

 **BIOFIT**
Bioenergy Retrofits for Europe's Industry



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THE BIOFIT PROJECT

Bioenergy retrofitting is one of the fast ways to increase Europe's renewable energy share by making the energy production of existing industries more sustainable.

The BIOFIT project will support and initiate bioenergy retrofitting opportunities in five industry sectors, namely first-generation biofuels, pulp and paper, fossil refineries, fossil firing power and Combined Heat and Power (CHP) plants.



combined heat and power



fossil firing power



first-generation biofuels



fossil refineries



pulp and paper

Investigated bioenergy retrofits will thereby include bioethanol, biodiesel, bio-kerosene, intermediate bioenergy carriers and other advanced biofuels as well as renewable fuels and biomass-based heat & power generation.

Besides erecting entirely new bioenergy plants, retrofitting – i.e. replacing a part of a factory or installation with state-of-the-art equipment – can be a very good alternative to replace fossil fuels or to upgrade renewable technology. Retrofitting often means lower capital expenditure (CAPEX), shorter lead times, faster implementation, less production time losses and lower risks.



BIOFIT ACTIVITIES

- Development of 10 concrete proposals (Case Studies) for bioenergy retrofitting for each of the named industries, together with industry and market actors.
- Accurate and complete overview of options for bioenergy retrofitting, as well as insight in the conditions under which each type of bioenergy retrofit is feasible.
- Engagement and support of stakeholders and market actors, especially from industry by communicating results, disseminating knowledge, providing opportunity for dialogue, and developing best practices and tools.
- Evaluation of framework conditions (legal, institutional and political) to identify generic and industry-specific barriers and enablers.
- Advice to policy makers at national and regional level to serve as input for more informed policy, market support and financial frameworks.

BIOFIT INDUSTRY PLATFORM

The BIOFIT Industry Platform is set-up to involve a broad spectrum of industry representatives into the project activities.

The objective of this platform is to support the networking between industries to foster market uptake of retrofitting technologies, to gather feedback and recommendations from the industry, NGOs, and policy makers, and to exchange knowledge and experiences among the different industries.

Stakeholders interested to join the BIOFIT Industry Platform are kindly asked to visit our website at www.biofit-h2020.eu or get in contact with Stephanie Hauschild, DBFZ Deutsches Biomasseforschungszentrum gemeinnützige GmbH via Stephanie.Hauschild@dbfz.de.

BIOFIT CASE STUDIES

Biocarburantes of Castilla Y Leon
Spain



Swedish Biofuels
Sweden



AustroCel Hallein
Austria



Fossil refinery



Hellenic Petroleum
Greece



Elektroprivreda BiH
Tuzla, Bosnia-Herzegovina



EP Produzione
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