

Commercial flagship plant for bioethanol production involving a bio-based value chain built on lignocellulosic feedstock

Fact Sheet

Project Information

LIGNOFLAG

Grant agreement ID: 709606

[Project website](#) 

Status

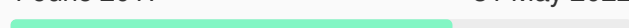
Ongoing project

Start date

1 June 2017

End date

31 May 2022



Funded under

H2020-EU.3.2.6.3.

H2020-EU.3.2.6.1.

Overall budget

€ 34 936 215

EU contribution

€ 24 738 840

Coordinated by

**CLARIANT PRODUKTE
(DEUTSCHLAND) GMBH**



Germany

Objective

The LIGNOFLAG project demonstrates an integrated and whole value chain oriented approach to drive forth the bio-based production of ethanol as sustainable transport fuel or chemical building block. The project approach involves the collaboration of the relevant actors along the whole value chain – from feedstock (straw) supply and logistics via process co-products (lignin as biochar, sludge as fertilizer) utilisation and valorization to advanced bio-ethanol production and product distribution. The core part of the project is the first-of-a-kind commercial flagship plant for lignocellulosic feedstock to ethanol conversion (60,000 tons/year) that serves to showcase the techno-economic viability of an innovative bio-refinery concept and

shall boost EU bio-ethanol production. Based on Clariant’s innovative technology (e.g. onsite-enzyme production, tailor-made enzymes, chemical-free pre-treatment, intensive energy integration) in combination with new harvesting techniques, smart co-product use, accurate and comprehensive Life Cycle Analysis (LCA) and flanked by an ambitious dissemination and IPR/exploitation strategy the flagship plant will contribute to the calls’ as well as to the BBI JU objectives highlighted in the Strategic Innovation and Research Agenda (SIRA). LIGNOFLAG fosters the essential transition to a post-petroleum EU society by decoupling economic growth from resource use and environmental degradation.

Field of science

/social sciences/social and economic geography/transport
/social sciences/social and economic geography/transport/sustainable transport
/natural sciences/biological sciences/biochemistry/biomolecules/proteins/enzymes

Programme(s)

Topic(s)

Call for proposal

H2020-BBI-PPP-2015-1-1


Funding Scheme

BBI-IA-FLAG - Bio-based Industries Innovation action - Flagship

Coordinator



CLARIANT PRODUKTE (DEUTSCHLAND) GMBH

Address
Bruningstrasse 50
65929 Frankfurt Am Main
 Germany

[Website](#) 

Activity type
Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#) 

EU contribution
€ 2 381 050

Participants (7)



FLIEGL AGRARTECHNIK GMBH

Germany

EU contribution

€ 160 125

Address

Burgermeister-boch-str. 1
84453 Muhldorf Am Inn

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#)



EXPORTHUNGARY NEMZETKOZI KERESKEDEL MI ES VALLALKOZASFEJLESZTESI KORLATOLT FELELOSSEGU TARSASAG

Hungary

EU contribution

€ 70 262,50

Address

Farkastorki Lejto 31/B
1037 Budapest

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#)



GEOSOL KORLATOLT FELELOSSEGU TARSASG

Hungary

EU contribution

€ 0

Address

Kulterulet 07/130
3273 Halmajugra

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#)



ENERGIEINSTITUT AN DER JOHANNES KEPLER UNIVERSITAT LINZ VEREIN

Austria

EU contribution

€ 356 125

Address

**Altenberger Strasse 69
4040 Linz**

[Website](#) 

Activity type

Research Organisations

[Contact the organisation](#) 



BAYERISCHE FORSCHUNGSALLIANZ BAVARIAN RESEARCH ALLIANCE GMBH

 Germany

EU contribution

€ 588 840

Address

**Prinzregentenstrasse 52
80538 Munchen**

[Website](#) 

Activity type

Other

[Contact the organisation](#) 



INDUSTRIELLE BIOTECHNOLOGIE BAYERNNETZWERK GMBH

 Germany

EU contribution

€ 599 112,50

Address

**Furstenrieder Strasse 279A
81377 Munchen**


[Contact the organisation](#) 

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**



CLARIANT PRODUCTS RO SRL

 Romania

EU contribution

€ 20 583 325

Address

**Strada Londra 34
011764 Bucuresti**

[Contact the organisation](#) 

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

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Permalink: <https://cordis.europa.eu/project/id/709606>

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