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Alage and aquatic biomass for a sustainable production of 2nd generation biofuels

Fact Sheet

Project Information

AQUAFUELS

Grant agreement ID: 241301

Project closed

Start date

1 January 2010

End date

30 June 2011

Funded under

Specific Programme "Cooperation": Energy

Total cost

€ 869 001,00

EU contribution

€ 747 152,00

Coordinated by

EUROPEAN BIODIESEL BOARD



Belgium

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research to improve
women's lives

Objective

AquaFUELS intends to focus on establishing the state of the art on research, technological development and demonstration activities regarding the exploitation of various algal and other suitable non-food aquatic biomasses for 2nd generation biofuels production. In this frame an overall assessment, critical thinking and reasoning are necessary to draft the lines of future developments. This will respond to the need of understanding the place of algae and aquatic biomass in the present and future renewable energy sources portfolio in EU, with a careful eye to sustainability and social implications. Such action can be effective only involving major stakeholders, defining the present situation in a realistic perspective and this way providing a valuable contribution to shape future developments. AquaFUELS aims to draw the detailed, comprehensive and concrete picture of the actual status quo of EU and international initiatives on algae biofuels. Based on this work, AquaFUELS will successively elaborate an overall assessment on the technology, and identify major research and industrial needs. The surveys and assessments produced by AquaFUELS will address the full life cycle analysis - from collection to fuel use - in terms of environmental, economic and social sustainability. A major mean to reach project goals will be the coordination of a critical mass of ongoing research activities, that will be actively involved in the preparation of surveys as well as in the elaboration of the assessment studies and identification of future needs. Creating and maximizing synergies among these initiatives is one of major project results. Finally, the project will establish the first European Algae Association that will promote mutual interchange and cooperation in the field of algal biomass research, production and use

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [energy and fuels](#) > **[renewable energy](#)**

[natural sciences](#) > [biological sciences](#) > [microbiology](#) > **[phycology](#)**

[social sciences](#) > [economics and business](#) > [economics](#) > **[sustainable economy](#)**

[engineering and technology](#) > [industrial biotechnology](#) > [biomaterials](#) > **[biofuels](#)**

[agricultural sciences](#) > [agricultural biotechnology](#) > **[biomass](#)**



Programme(s)

[FP7-ENERGY - Specific Programme "Cooperation": Energy](#)

Topic(s)

[ENERGY.2009.3.2.1 - Algal and other suitable non-food aquatic biomass feedstock for 2nd generation biofuel production](#)

Call for proposal

FP7-ENERGY-2009-1

[See other projects for this call](#)

Funding Scheme

[CSA-CA - Coordination \(or networking\) actions](#)

Coordinator



EUROPEAN BIODIESEL BOARD

EU contribution

€ 137 862,00

Total cost

No data

Address

Boulevard Saint-Michel 34

1040 Bruxelles

 Belgium

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (12)



UNIVERSITA DEGLI STUDI DI FIRENZE

 Italy

EU contribution

€ 73 625,00

Address

Piazza San Marco 4
50121 Florence 

Region

Centro (IT) > Toscana > Firenze

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



SAIPOL

 France

EU contribution

€ 66 613,00

Address

11/13 RUE DE MONCEAU
75008 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

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

Links

[Contact the organisation](#)  [Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



WAGENINGEN UNIVERSITY

 Netherlands

EU contribution

€ 56 839,00

Address

DROEVENDAALSESTEEG 4

6708 PB Wageningen 

Region

Oost-Nederland > Gelderland > Veluwe

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



BEN-GURION UNIVERSITY OF THE NEGEV

 Israel

EU contribution

€ 57 822,00

Address

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84105 Beer Sheva 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSIDAD DE ALMERIA

Spain

EU contribution

€ 57 719,00

Address

CARRETERA SACRAMENTO CANADA

04120 Almeria

Region

Sur > Andalucía > Almería

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



ROQUETTE FRERES SA

France

EU contribution

€ 36 542,00

Address

RUE DE LA HAUTE LOGE

62136 Lestrem

Region

Hauts-de-France > Nord-Pas de Calais > Pas-de-Calais

Activity type

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

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



UNIVERSITY OF GALWAY

 Ireland

EU contribution

€ 57 720,00

Address

UNIVERSITY ROAD

H91 Galway 

Region

Ireland > Northern and Western > West

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSITEIT GENT

 Belgium

EU contribution

€ 56 827,00

Address

SINT PIETERSNIEUWSTRAAT 25

9000 Gent 

Region

Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Total cost

No data



NECTON-COMPANHIA PORTUGUESA DE CULTURAS MARINHAS SA

 Portugal

EU contribution

€ 38 056,00

Address

BELAMANDIL SN
8700 152 Fuseta 

Region

Continente > Algarve > Algarve

Activity type

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

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

EU contribution

€ 49 562,00

Address

SOUTH KENSINGTON CAMPUS EXHIBITION ROAD
SW7 2AZ LONDON 

Region

London > Inner London — West > Westminster

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



MIKROBIOLOGICKY USTAV AV CR V.V.I

Czechia

EU contribution

€ 24 909,00

Address

VIDENSKA 1083
142 00 Praha 4

Region

Česko > Praha > Hlavní město Praha

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



MARTINELLI LAURA

Italy

EU contribution

€ 33 056,00

Address

Viale Duodo 58
33100 Udine

Activity type

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

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 16 July 2019

Permalink: <https://cordis.europa.eu/project/id/241301>

European Union, 2025