

HORIZON
2020

Renewable systems engineering for waste valorisation II

Fact Sheet

Project Information

RENESENG II

Grant agreement ID: 778332

[Project website](#) 

DOI

[10.3030/778332](https://doi.org/10.3030/778332) 

Project closed

EC signature date

30 October 2017

Start date

1 January 2018

End date

31 December 2022

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 432 000,00

EU contribution

€ 432 000,00

Coordinated by

ETHNICON METSOVION

POLYTECHNION

 Greece

Objective

The project goal is to further advance the emerging area of Bio - process - systems engineering (BPSE) by capitalizing the recent advances and ITN of RENESENG (FP7 - PEOPLE - ITN) toward the following project objectives :

- Expanding the knowledge for value chains across feedstocks, products and industries, e.g. by looking into the potential of MSW (including food waste) energy chemicals nexus.
- Investigating the area of knowledge management (i.e. data structures, workflows, protocols) for the effective communication across the diverse academic research scales and industrial applications (i.e. lab to unit operations, to

process and plant design, to business development, sustainability assessment).
- Applying the existing RENESENG tools, models, methods, know how as well as the newly developed in this project to emerging topics of bioeconomy and links to circular economy, with special focus on various forms of “waste” biomass (e.g. MSW, glycerol, lignin). Enhancing the network with new academic and non academic partners and significantly contributing via meaningful secondments to the career development of ESR and ER.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#) > [lipids](#)

[social sciences](#) > [economics and business](#) > [economics](#) > [bioeconomy](#)

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

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



Programme(s)

[H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions](#)

MAIN PROGRAMME

[H2020-EU.1.3.3. - Stimulating innovation by means of cross-fertilisation of knowledge](#)

Topic(s)

[MSCA-RISE-2017 - Research and Innovation Staff Exchange](#)

Call for proposal

[H2020-MSCA-RISE-2017](#)

[See other projects for this call](#)

Funding Scheme

[MSCA-RISE - Marie Skłodowska-Curie Research and Innovation Staff Exchange \(RISE\)](#)

Coordinator



ETHNICON METSOVION POLYTECHNION

Net EU contribution

€ 117 000,00

Total cost

€ 117 000,00

Address

**HEROON POLYTECHNIOU 9 ZOGRAPHOU CAMPUS
157 72 ATHINA**

 Greece 

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Participants (12)



ARKEMA FRANCE SA

 France

Net EU contribution

€ 0,00

Address

**51 ESPLANADE DU GENERAL DE GAULLE
92800 PUTEAUX, LA DEFENSE** 

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

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



UNIVERSITY OF SURREY

 United Kingdom

Net EU contribution

€ 94 500,00

Address

Stag Hill

GU2 7XH Guildford 

Region

South East (England) > Surrey, East and West Sussex > West Surrey

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 94 500,00



STICHTING WAGENINGEN RESEARCH

 Netherlands

Net EU contribution

€ 0,00

Address

DROEVENDAALSESTEEG 4

6708 PB Wageningen 

Region

Oost-Nederland > Gelderland > Veluwe

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

No data



DANMARKS TEKNISKE UNIVERSITET

 Denmark

Net EU contribution

€ 36 000,00

Address

ANKER ENGELUNDS VEJ 101

2800 Kongens Lyngby 

Region

Danmark > Hovedstaden > Københavns omegn

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 36 000,00



ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE

 Switzerland

Net EU contribution

€ 22 500,00

Address

BATIMENT CE 3316 STATION 1

1015 Lausanne 

Region

Schweiz/Suisse/Svizzera > Région lémanique > Vaud

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 22 500,00



GREENE ENTERPRISE, S.L.

 Spain

Net EU contribution

€ 18 000,00

Address

CALLE MARTIN Y SOLER 18 ELCHE PARQUE EMPRESARIAL

03203 Elche 

SME 

Yes

Region

Este > Comunitat Valenciana > Alicante/Alacant

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

€ 18 000,00



IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

 United Kingdom

Net EU contribution

€ 36 000,00

Address

SOUTH KENSINGTON CAMPUS EXHIBITION ROAD

SW7 2AZ LONDON 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 36 000,00



CHALMERS TEKNISKA HOGSKOLA AB

 Sweden

Net EU contribution

€ 63 000,00

Address

-

412 96 Goteborg 

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 63 000,00



IBJ TECHNOLOGY APS

 Denmark

Net EU contribution

€ 27 000,00

Address

INGE LEHMANNS GADE 10, 5.

8000 Aarhus C 

SME 

Yes

Region

Danmark > Midtjylland > Østjylland

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

€ 27 000,00



BIOPROCESS PILOT FACILITY BV 

 Netherlands

Net EU contribution

€ 0,00

Address

ALEXANDER FLEMINGLAAN 1

2613 AX Delft 

Activity type

Other

Links

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

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

[HORIZON collaboration network](#) 

Total cost

No data



**CHIMAR (HELLAS) AE - ANONYMI VIOMICHANIKI KAI EMPORIKI ETAIREIA
CHIMIKON PROIONTON**

 Greece

Net EU contribution

€ 9 000,00

Address

**15 KM NATIONAL ROAD THESSALONIKI POLYGYROS
570 01 THERMI THESSALONIKI** 

SME 

Yes

Region

Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

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

€ 9 000,00



COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETAL CIM V

 France

Net EU contribution

€ 9 000,00

Address

**14 RUE D'ORLEANS
92573 NEUILLY SUR SEINE** 

SME 

Yes

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

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

€ 9 000,00

Partners (1)



PARTNER

Vishwamitra Research Institute

 United States

Net EU contribution

€ 0,00

Address

2714 Crystal Way

60012 Crystal Lake

Activity type

Other

Links

[Contact the organisation](#)

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

[HORIZON collaboration network](#)

Total cost

No data

Last update: 8 December 2023

Permalink: <https://cordis.europa.eu/project/id/778332>

European Union, 2025