



Microplastics in Europe's freshwater ecosystems: From sources to solutions

Fact Sheet

Project Information

LimnoPlast

Grant agreement ID: 860720

[Project website](#) 

DOI

[10.3030/860720](https://doi.org/10.3030/860720) 

Project closed

EC signature date

9 August 2019

Start date

1 November 2019

End date

31 December 2023

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 4 046 356,26

EU contribution

€ 4 046 356,26

Coordinated by

UNIVERSITÄT BAYREUTH



Germany

This project is featured in...



12 February 2024



Project description

Sources and solutions for freshwater microplastics

Microplastics pose a major global threat, but are generally poorly understood. Mostly, plastic enters fresh water sources inland, but almost nothing is known about how and where this occurs. This prevents authorities from managing or mitigating the problem at its source. The EU-funded LimnoPlast project is addressing this issue with a four-pronged approach: data assessment, training, technological solutions and behaviour change. The project will analyse the sources and impacts of freshwater microplastics, and train scientists at the coal-face of the microplastics issue. The goal is to develop innovative solutions to remove microplastics from the environment, and find environmentally-friendly polymers. Finally, the project will promote communication and policy interventions to address the problem of microplastics at the system level.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [water treatment processes](#) > [wastewater treatment processes](#)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#) > [freshwater ecosystems](#)

[natural sciences](#) > [chemical sciences](#) > [polymer sciences](#)

[natural sciences](#) > [earth and related environmental sciences](#) > [environmental sciences](#) > [pollution](#)

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



Keywords

[Microplastic](#)

[freshwater ecosystems](#)

[aquatic ecology](#)

[public health](#)

[harmonisation of methods](#)

[biopolymers](#)

[risk communication](#)

[environmental policy](#)

[environmental law](#)

Programme(s)

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

MAIN PROGRAMME

[H2020-EU.1.3.1. - Fostering new skills by means of excellent initial training of researchers](#)

Topic(s)

[MSCA-ITN-2019 - Innovative Training Networks](#)

Call for proposal

[H2020-MSCA-ITN-2019](#)

[See other projects for this call](#)

Funding Scheme

[MSCA-ITN - Marie Skłodowska-Curie Innovative Training Networks \(ITN\)](#)

Coordinator



UNIVERSITAT BAYREUTH

Net EU contribution

€ 505 576,80

Total cost

€ 505 576,80

Address

UNIVERSITÄTSSTRASSE 30

95447 Bayreuth

Region

Bayern > Oberfranken > Bayreuth, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Participants (13)



AALBORG UNIVERSITET

 Denmark

Net EU contribution

€ 297 522,00

Address

FREDRIK BAJERS VEJ 7K

9220 Aalborg 

Region

Danmark > Nordjylland > Nordjylland

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 297 522,00



ECOLE NATIONALE DES PONTS ET CHAUSSEES

 France

Net EU contribution

€ 549 604,08

Address

AVENUE BLAISE PASCAL-CITE DESCARTES-CHAMPS-SUR-MARNE 6-8
77455 Marne La Vallee Cedex 2 

Region

Ile-de-France > Ile-de-France > Seine-et-Marne

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 549 604,08



EVONIK OPERATIONS GMBH

 Germany

Net EU contribution

€ 252 788,40

Address

RELLINGHAUSER STRASSE 1-11
45128 Essen 

Region

Nordrhein-Westfalen > Düsseldorf > Essen, Kreisfreie Stadt

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

€ 252 788,40



FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV

 Germany

Net EU contribution

€ 252 788,40

Address

HANSASTRASSE 27C

80686 Munchen 

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 252 788,40



HHL GEMEINNUTZIGE GMBH

 Germany

Net EU contribution

€ 252 788,40

Address

JAHNALLEE 59

04109 Leipzig 

SME 

Yes

Region

Sachsen > Leipzig > Leipzig

Activity type

Other

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 252 788,40



KEMIJSKI INSTITUT

Slovenia

Net EU contribution

€ 239 956,92

Address

HAJDRIHOVA 19

1000 Ljubljana

Region

Slovenija > Zahodna Slovenija > Osrednjeslovenska

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 239 956,92



NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU

Norway

Net EU contribution

€ 584 684,64

Address

HOGSKOLERINGEN 1

7491 Trondheim

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#)

Total cost

€ 584 684,64



*SYNDICAT INTERDEPARTMENTAL POUR L'ASSAINISSEMENT DE
L'AGGLOMERATION PARISIENNE*

 France

Net EU contribution

€ 0,00

Address

2 RUE JULES CESAR
75589 Paris 

Region

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

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

No data



GOETEBORGS UNIVERSITET

 Sweden

Net EU contribution

€ 281 982,96

Address

VASAPARKEN
405 30 Goeteborg 

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](#) 

Total cost

€ 281 982,96



UNIVERSITETET I BERGEN

 Norway

Net EU contribution

€ 292 342,32

Address

MUSEPLASSEN 1

5020 Bergen 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 292 342,32



UNIVERSITY OF PLYMOUTH

 United Kingdom

Net EU contribution

€ 50 528,76

Address

DRAKE CIRCUS

PL4 8AA Plymouth 

Region

South West (England) > Devon > Plymouth

Activity type

Higher or Secondary Education Establishments

Links

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

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

Total cost

€ 50 528,76



STICHTING VU

 Netherlands

Net EU contribution

€ 265 619,88

Address

DE BOELELAAN 1105

1081 HV Amsterdam 

Activity type

Higher or Secondary Education Establishments

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 265 619,88



UNIVERSITAT WIEN

 Austria

Net EU contribution

€ 220 172,70

Address

UNIVERSITATSRING 1

1010 Wien 

Region

Ostösterreich > Wien > Wien

Activity type

Higher or Secondary Education Establishments

Links

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

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

Total cost

€ 220 172,70

Last update: 25 June 2024

Permalink: <https://cordis.europa.eu/project/id/860720>

European Union, 2025