

Partnering Opportunity

Profile Status: Published

Research & Development Request

H2020-CE-FNR-09-2020 : Technological providers for removal of marine plastic and litter sought

Summary

A French aquaculture and marine resources cluster is looking for companies from Northern, Eastern and Central Europe which are able to develop automatic or remotely controlled wireless devices capable of collecting plastics and other litter from oceans, to complete their consortium for the Horizon 2020 CE-FNR-09-2020 call "Pilot action for the removal of marine plastics and litter".

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|------------------------|---|
| Creation Date | 02 August 2019 |
| Last Update | 04 September 2019 |
| Expiration Date | 30 November 2019 |
| Reference | RDFR20190723001 |
| Public Link | https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/e4325397-f519-497b-8099-40b407f07b86 |

Details

Description

The French cluster will be coordinating a proposal during the next months in order to reply to a topic of the Horizon 2020 working programme Societal Challenge 2 on bio-economy. The topic of interest is the FNR-09: Pilot action for the removal of marine plastics and litter.

The FNR-09 is an innovation action which has to achieve a TRL of 6.

The co-financing rate is 70% for companies (small or large).

An urgent action is needed both for the prevention and for the removal of existing marine litter, notably plastics and microplastics. For this topic, a demonstration of the removal of marine litter and research is being proposed, highlighting how the environment is impacted by the removal, and the corresponding impacts in terms of ecosystem and economic recovery.

The consortium's goal for this topic is to demonstrate approaches and technologies to improve marine spatial planning and conservation (and even restoration) of coastal ecosystems.

EOI deadline: 30th of November 2019.

Call deadline: 22nd of January 2020.

The consortium is looking for companies with automatic or remotely controlled wireless technologies targeting the removal of marine plastic and litter. The proposed solutions must be able to work at the sea surface and on the seafloor/beach.

The solutions will be implemented and it is expected of the project to achieve in treated areas:

- the removal of 90% of macro-plastic litter and a substantial fraction of micro-litter
- 80% reduction of micro-plastics in shellfish
- 80% reduction of micro-plastics and plastics in non-migratory birds species

Stage of Development

Proposal under development

Keywords

Technology

| | |
|----------|-----------------------------------|
| 10002006 | Ecology |
| 10002010 | Remote sensing technology |
| 10002012 | Remediation of Contaminated Sites |
| 10003003 | Land and Sea Disposal |
| 10004009 | Marine Environment |

Market

| | |
|----------|---------------------------------------|
| 05008001 | Marine products |
| 05009002 | Fish health |
| 08001006 | Processes for working with plastics |
| 08004004 | Other pollution and recycling related |

NACE

| | |
|----------|---|
| S.94.9.9 | Activities of other membership organisations n.e.c. |
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Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : **Yes**

Dissemination

Relevant Sector Groups

ICT Industry and Services
Maritime Industry and Services
Nano- and Microtechnologies

Client

Type and Size of Organisation Behind the Profile

Other

Year Established

1999

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

The French cluster established in 1999 helps the industry respond to the increasing seafood demand. It deals with 3 main themes: . Sustainably manage and use natural resources from land and sea . Change of the fundamentals of the seafood industry (new technologies and business approaches) . Valorisation of seafood products in future alimentation It is involved in several European projects and has strong expertise and network.

Languages Spoken

English
French
Spanish
Italian

Client Country

France

Partner Sought

Type and Role of Partner Sought

The French cluster has already built an almost complete consortium that is now looking for targeted technology providers able to develop automatic or remotely controlled wireless devices for litter removal from beaches/seafloor, the ocean surface and shellfish.

In addition to this, companies that have the capacity to develop or that have already developed a solution capable of sorting and reusing the collected plastics are more than welcome to contact the coordinator.

Partners from Northern, Eastern and Central Europe are sought : most current partners are from Southern and Western Europe. Greece is also already strongly represented.

Type and Size of Partner Sought

SME 11-50, SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

H2020

Call title and identifier

CE-FNR-09-2020 Pilot action for the removal of marine plastics and litter

Submission and evaluation scheme

SINGLE STAGE

Anticipated Project Budget

6 million euros

Coordinator Required

No

Deadline for EOI

30 Nov 2019

Deadline of the Call

22 Jan 2020

Weblink to the Call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/ce-fnr-09-2020>