GoJelly

Project ID: 774499
Funded under: H2020-EU.3.2.5.

GoJelly - A gelatinous solution to plastic pollution

From 2018-01-01 to 2021-12-31, ongoing project

Project details

<table>
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<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tr>
<td>EUR 6 222 816,50</td>
<td>BG-07-2017 - Blue green innovation for clean coasts and seas</td>
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<tr>
<th>EU contribution:</th>
<th>Funding scheme:</th>
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<td>EUR 5 998 114,75</td>
<td>IA - Innovation action</td>
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Coordinated in: Denmark

Objective

"The objective of the GoJelly project is to develop, test and promote a gelatinous solution to microplastic pollution by developing a TRL 5-6 prototype microplastics filter (GoJelly) for commercial and public use, where the main raw material is jellyfish mucus. In doing so, the consortium addresses two environmental issues with one approach by removing the commercially and ecologically destructive sea and coastal pollution of both jellyfish and microplastics. This innovative approach will ultimately lead to less plastic in the ocean, municipal demand (and thereby competitive prices) for jellyfish raw material to fill the "mucus-need" by filter developers, and in turn more jobs for commercial fishers in off-seasons. The by-products of the GoJelly biomass have other uses as well, ensuring that GoJelly also delivers a green innovation, resulting in novel, valuable resource for the food and feed industry as well as agro-biological fertilizer for organic farming. The GoJelly prototype products will be tested and demonstrated in three different European seas (Norwegian, Baltic and Mediterranean), by a range of stakeholders, including commercial fishers and industry partners. Tying it together, the project will also ensure the possibilities for broader European promotion and utilization of GoJelly at the local, regional and global level by delivering a socio-ecological methodological toolbox for forming and implementing policies. GoJelly will broadly communicate its results in several formats such as traditional social media, open lab ship cruise, and in the form of an experimental online game depicting different management scenarios under different jellyfish- and microplastics combinations. An interdisciplinary and international consortium consisting of technology developers, business analysts, fishing companies, research institutes, and both natural and social scientists will realize GoJelly, and will ensure the uptake of GoJelly products by industry and policy makers."

Coordinator

SYDDANSK UNIVERSITET
CAMPUSVEJ 55
5230 ODENSE M
Denmark

EU contribution: EUR 621 360,66

Activity type: Higher or Secondary Education Establishments

Contact the organisation
**Participants**

**NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU**
HOGSKOLERINGEN 1
7491 TRONDHEIM
Norway

**Activity type:** Higher or Secondary Education Establishments

**EU contribution:** EUR 654,822,50

**ARDITI - AGENCIA REGIONAL PARA O DESENVOLVIMENTO DA INVESTIGACAO, TECNOLOGIA E INOVACAO**
CAM DA PENTEADA MADEIRA TECNOPOLO PISO 2
9020-105 FUNCHAL
Portugal

**Activity type:** Other

**EU contribution:** EUR 389,600

**NACIONALNI INSTITUT ZA BIOLOGIJO**
VECNA POT 111
1000 LJUBLJANA
Slovenia

**Activity type:** Research Organisations

**EU contribution:** EUR 368,625

**UNIVERSITY OF HAIFA**
ABBA KHUSHY BLVD MOUNT CARMEL
31905 HAIFA
Israel

**Activity type:** Higher or Secondary Education Establishments

**EU contribution:** EUR 485,968,75

**ORT BRAUDE COLLEGE**
Snunit street 51
21982 KARMIEL
Israel

**Activity type:** Higher or Secondary Education Establishments

**EU contribution:** EUR 400,812,50
EU contribution: EUR 560 251,25

Activity type: Higher or Secondary Education Establishments

Contact the organisation

HANSEATISCHE UMWELT CAM GMBH
WALDSTRASSE 10
18233 BIENDORF
Germany

EU contribution: EUR 132 125

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

Contact the organisation

SINTEF OCEAN AS
OTTO NIELSENS VEG 10
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Norway

EU contribution: EUR 847 500

Activity type: Other

Contact the organisation

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24159 KIEL
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EU contribution: EUR 155 701

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

Contact the organisation

CONSIGLIO NAZIONALE DELLE RICERCHE
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00185 ROMA
Italy

EU contribution: EUR 469 062,50

Activity type: Research Organisations

Contact the organisation
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INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES
NANHAI ROAD 7
QINGDAO
China
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Activity type: Higher or Secondary Education Establishments
Contact the organisation

HELMHOLTZ ZENTRUM FUR OZEANFORSCHUNG KIEL
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24148 KIEL
Germany
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Activity type: Research Organisations
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