

## Research & Development Request

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# H2020 (SC6-co-creation-2016-2): German IT company is looking for public administrations and IT service companies for successful H2020 project

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### Summary

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*A German IT company is participating in a successfully funded Horizon 2020 project on the Once-Only Principle (OOP) in public administrations. The project has already started, but is looking for additional partners to be integrated in the wider project community. The project is looking for public administrations wishing to showcase their solutions or to learn from successful best practices and for IT service companies that can share experiences on chances and barriers to OOP.*

Creation Date	18 May 2017
Last Update	23 May 2017
Expiration Date	23 May 2018
Reference	RDDE20170518001
Profile link	<a href="http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/b39a9692-a528-4eb2-bee0-c4aa3d9e2171">http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/b39a9692-a528-4eb2-bee0-c4aa3d9e2171</a>

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### Details

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#### Description

Many public administrations require their citizens to provide the same information every time they need administrative services. The Once-Only Principle (OOP) seeks to make sure that public administrations can re-use citizens' data, while respecting privacy and data protection rules, and thus make life easier for citizens by avoiding the need for continued data entry.

The aim of this Horizon 2020-funded research project is to bring together practitioners from public administrations, researchers and the interested public in order to jointly advance the discussion about the Once-Only Principle. The project will contribute to effective knowledge transfer, knowledge sharing, and development of future solutions based on the OOP.

The consortium currently consists of two IT companies, a university, a research centre and a think tank. As part of the project, a wider Stakeholder Community is currently being established. The project is seeking the following additional community partners to take part in this stakeholder community and thus contribute to the expert discussion on the Once-Only Principle:

1. Public administrations that want to highlight best-practice cases in implementing or relying on the OOP.
2. IT service companies that want to discuss opportunities and barriers to implementing the OOP.

Partners in the stakeholder community will not receive any direct funding, but will have their travel costs reimbursed if they participate in project workshops and events across Europe.

Partners in the stakeholder community also get access to restricted areas of the project website, where they can find a database of OOP cases and online discussions.

The project runs under the Horizon 2020 programme, and has a duration of 24 months.

As the project is already funded, there is no call deadline. The deadline for Expressions of Interest is the end of the project duration, i.e. October 2018.

## Advantages and Innovations

The once-only principle aims at eliminating the administrative burden when citizens are required to provide the same information again and again to public administrations. Instead, public administrations should have the means to re-use information already supplied by citizens in a transparent and secure way.

When the once-only principle is widely applied, it significantly reduces the administrative burden on citizens. Also, citizens gain better control over their information when it is provided to public administrations only once. Moreover, it helps public administrations work faster, more transparently and efficiently.

## Stage of Development

Project already started

## Comments Regarding Stage of Development

The project has already started, but can integrate some additional community partners with privileged access to information, events, and travel cost reimbursements.

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## Keywords

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### Technology

01004005 e-Government

### Market

02006004 Data processing, analysis and input services

02006007 Databases and on-line information services

### NACE

J.63.1.1 Data processing, hosting and related activities

O.84.1.1 General public administration activities

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## Network Contact

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### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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**Contact Person**

Pawel Zebrowski

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**Open for EOI :**   **Yes**

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**Dissemination****Send to Sector Group**

ICT Industry and Services

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**Client****Type and Size of Organisation Behind the Profile**

Industry 250-499

**Year Established**

1995

**Turnover**

20 - 50M

**Already Engaged in Trans-National Cooperation**

Yes

**Languages Spoken**

English  
Bulgarian  
German  
French  
Spanish  
Italian

**Client Country**

Germany

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**Partner Sought**

## Type and Role of Partner Sought

The project is looking for two different types of partners to join its stakeholder community:

1. Public administrations. These should either highlight their own experiences in implementing the OOP, or be willing to learn from best practices from other regions and municipalities.
2. IT service companies. These should provide expertise on digital barriers to the implementation of the OOP, but also offer best practice examples and opportunities of the OOP.

By joining the stakeholder community, partners can participate in project events, have their travel costs reimbursed and get access to the restricted area of the project website.

## Type of Partnership Considered

Research cooperation agreement

## Research & Development Request

# Croatian SME developing versatile Unmanned Aerial Vehicle (UAV) is looking for a developer of end-user software solutions for use of drones to join its Eurostars proposal

## Summary

*Croatian SME is developing versatile Unmanned Aerial Vehicle with increased flight range and duration, achieved by an innovative patent-pending combination of multirotor and fixed wing hybrid design. SME is targeting professional and industrial use-cases such as precision agriculture, industry surveillance, remote sensing, etc. SME is looking for a partner that develops an end-user software solution for use of drones/sensory equipment, drone operators (field of remote sensing) for Eurostars project.*

<b>Creation Date</b>	16 May 2017
<b>Last Update</b>	18 May 2017
<b>Expiration Date</b>	18 May 2018
<b>Reference</b>	RDHR20170505001
<b>Profile link</b>	<a href="http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/f0249036-b058-4ed7-a680-525c58e7a283">http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/f0249036-b058-4ed7-a680-525c58e7a283</a>

## Details

### Description

An SME from Croatia is a cross-functional team which is developing a new kind of drone. Currently, there are two main types of drones: multirotor and fixed-wings. Both groups have their advantages and disadvantages. Multirotors offer the ability to vertically takeoff and land in autonomous mode but their flight time is very short - only around 25 minutes. Fixed-wings have greater range but are not fully autonomous since they require special equipment, humans or areas to takeoff and land. Company's solution fills the gap between these two groups and combines benefits from both approaches.

Company's VTOL (Vertical TakeOff and Landing) is a modular platform for various use-cases where there is a need for drone with long range, time of flight and speed. Drone is also able to takeoff and land on any surface, including the water.

Innovative design makes it different from traditional drones since it combines benefits from both fixed-wing and multirotor approaches. Due to its tilt motors, it can takeoff and land vertically in fully autonomous fashion i.e. without the need for a human operator.

Widest range of use-cases:

- precision agriculture
- industrial surveillance
- remote sensing

- search & rescue
- any specific use-case

**Specifications:**

Wingspan: 3300 mm  
 Length: 1670 mm  
 AUW (All-Up Weight): 6500 g  
 Wing loading: 70 g/dm<sup>2</sup>  
 Payload dimensions: 220x130x130  
 Payload weight: 1000g  
 Battery: 20 Ah  
 Cruise speed: 65 km/h  
 Stall speed(airplane mode): 20 km/h  
 Flight controller: PIXHAWK  
 Flight time(cruise): 2 h  
 Range: 120 km

The company is focused on hardware solution (a drone itself) and onboard software (firmware). They are looking for an SME which is developing an end-user software solution for use of drones in certain business verticals. Examples are software solutions for precision agriculture (monitoring of fields and processing of images), search & rescue applications, remote sensing, industrial surveillance, security etc.

Ideally, this can be a company which is using off the shelf drones but whose users are not satisfied with flying capabilities, range, speed or battery duration of these off the shelf solutions. Apart from SME developing the software they are looking also for drone operators in the field of remote sensing, to co-create a new platform which will be more suitable for them to grow and expand their businesses.

By combining those two, they believe that it will be a win-win collaboration since the final solution will have a higher value when their hardware and partner's software are combined for a specific use-case. Background IP that they bring into project is their patent-pending design of rotors (propellers) and drone itself. Foreground IP from this project is to be expected to stay in every partner's ownership and resulting complete solution can be sold on a revenue-share basis as arranged at the start of a project.

Call that they are targeting is a Eurostars cut off 8; Deadline for Full-Proposal is 14/09/2017  
 EOI deadline: 15/8/2017

## Keywords

### Technology

01003003	Artificial Intelligence (AI)
01003025	Internet of Things
01006009	Signal Processing
02011001	Aeronautical technology / Avionics
09001009	Sensor Technology related to measurements

### Market

07003002	Health food
09005	Agriculture, Forestry, Fishing, Animal Husbandry & Related Products
09007005	Facility management companies
09008001	Electric companies

09008003

Gas transmission and distribution

## NACE

C.30.3.0 Manufacture of air and spacecraft and related machinery  
C.30.9.9 Manufacture of other transport equipment n.e.c.  
C.32.9.9 Other manufacturing n.e.c.  
C.33.1.6 Repair and maintenance of aircraft and spacecraft

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## Network Contact

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### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

### Contact Person

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### Phone Number

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**Open for EOI :**    **Yes**

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## Dissemination

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### Send to Sector Group

Aeronautics, Space and Dual-Use Technologies

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## Client

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### Type and Size of Organisation Behind the Profile

Industry SME <= 10

### Year Established

0

### Already Engaged in Trans-National Cooperation

No.

## Languages Spoken

English  
Croatian

## Client Country

Croatia

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## Partner Sought

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## Type of Partnership Considered

Research cooperation agreement

## Research & Development Request

# BBI-IA-DEMO Bio-based Industries Innovation action: Integrated multi-valorisation of algae into advanced materials and high added-value additives

## Summary

*A UK university is part of a consortium seeking a coordinator for a bio-based industries funding call. The call is aimed at the multi-valorisation of micro-algae into a high-value additive and they are seeking food companies capable of processing algal ingredients (specifically microalga *Dunaliella salina*) into new foods or cosmetics, via a research development agreement.*

Creation Date	17 May 2017
Last Update	18 May 2017
Expiration Date	18 May 2018
Reference	RDUK20170517001
Profile link	<a href="http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/09041b29-1a08-45b8-b9a3-2d732817026f">http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/09041b29-1a08-45b8-b9a3-2d732817026f</a>

## Details

### Description

In a context of growing demand for resources, sustainably capturing the potential of the seas, oceans and inland waters is critical for Europe. Micro-algae represent an additional source of biomass that can be used for various applications. They also have the advantage of a low land requirement. They provide only ~0.3% of world food tonnage (2014 figures) but this is growing.

Different cultivation systems to grow algae include open-sea, shallow-water, coastal areas and inland waters. There are specific systems for micro-algae like open ponds, photoreactors or bioreactors. Each system requires specific adaptation to its environment to maximise the biomass output, while minimising environmental impact (for example effluents, land use) and ensuring appropriate value chain logistics and conversion processes.

The specific challenge of the call applied for by this consortium is to set up and operate a value chain for micro-algae production and logistics (harvest, transportation, storage) that can be used for their multi-valorisation into added-value chemicals and materials, through a cascading approach where applicable.

The consortium currently consists of companies and researchers from seven European countries, including Spain and Germany, as well as partners from Israel.

They are seeking established food or related companies with an interest in incorporating the proposed functional ingredients into new or existing products, and who would be able to strengthen the processing of algal biomass, via research cooperation agreement. The company sought might also be able to contribute to the production of the isomers of the carotenoids.

The anticipated product/ingredient could have medical or food applications, as well as possible cosmetic uses.

Deadline for the call: 7 September 2017

Deadline in EOIs in this profile: 15 June 2017

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## Keywords

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### Technology

08001002	Food Additives/Ingredients/Functional Food
08001005	Food Technology

### Market

05008002	Food and feed ingredients
05009001	Food & feed ingredients
07003002	Health food
07004002	Health and beauty aids

### NACE

M.72.1.1	Research and experimental development on biotechnology
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## Network Contact

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### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

### Contact Person

Pawel Zebrowski

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**Open for EOI :**   **Yes**

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## Client

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### Type and Size of Organisation Behind the Profile

University

### Year Established

0

### Already Engaged in Trans-National Cooperation

Yes

### Languages Spoken

English

Dutch

German

Spanish

### Client Country

United Kingdom

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## Partner Sought

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### Type and Role of Partner Sought

Type: Industry

Activity of the partner: Food ingredient producers or food companies seeking algae as a potential functional ingredient.

Specific role of partner sought: They are seeking a company that can strengthen the processing of algal biomass, or might be able to introduce algal biomass to a developed product. The company sought might also be able to contribute to the production of the isomers of the carotenoids. The anticipated product/ingredient would have a wide range of applications, including as food ingredients, nutraceuticals, pharmaceutical, cosmetic, healthcare.

### Type of Partnership Considered

Research cooperation agreement

## Research & Development Request

### H2020 – SME Instrument: marine drone supporting rescue and towing operations for distressed ships

#### Summary

*An Italian SME, specialized in manufacturing of towing and mooring equipment for both ships and mega yachts, has developed an autonomous unmanned surface vehicle. The technology is electronically radio controlled and auxiliary in marine towing operations. The company seeks partners (maritime ship/tug manager and salvage operator) to further develop its vehicle and submit a proposal under H2020 SME Inst-08-2016-2017. Call deadline: 6th September 2017*

<b>Creation Date</b>	05 April 2017
<b>Last Update</b>	17 May 2017
<b>Expiration Date</b>	17 May 2018
<b>Reference</b>	RDIT20170330001
<b>Profile link</b>	<a href="http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/b2b026ac-da89-49ce-ab0e-de8bd27fd477">http://een.ec.europa.eu/tools/services/PRO/Profile/Detail/b2b026ac-da89-49ce-ab0e-de8bd27fd477</a>

#### Details

##### Description

A first prototype (weight: 25 kg; length: 1 metre with 1-2 hours autonomy) has already been developed by an Italian SME aiming at managing the high risk operation of linking the emergency towing system of distressed ships to towing vessels.

Afterwards the prototype has been improved by 3 different hulls.

Starting from the development of cooperative robotic technologies able to (semi-)automatically execute the maneuver of recovering the towing system, the technology allows to optimize the operations to safeguard the environment, typically preventing oil pollution at sea. The technology performances have been already tested and evaluated also taking into consideration market price of different technological solutions with different costs.

The system is based on a semi-autonomous vehicle and a robotized pick-up emergency buoy operated by a tugboat: the vehicle can recover the emergency buoy, connected to the distressed ship through a live-line, without requiring the presence of human beings on small vessels at sea and also enabling to keep a safe range from the ungoverned ship, thus minimising risks for human lives. The trade-off between benefits and costs given by the introduction of robotized devices on the two sides of the recovery system will be investigated in view of a further market exploitation.

Increasing the safety and reliability of salvage operations of distressed ships, the system can contribute to environmental safeguard by supporting prevention of pollution at sea, in particular oil pollution.

The company will develop the research on maritime operation, and in order to realize the industrial prototype it is looking for one partner skilled in marine drone manufacturing (to realize electronics components), and a second partner able to test the product to facilitate its entry into the market (a final user as a salvage company, a tug company or a ship-owner).

Following what the related studies have shown, the expected growth potential of the developed

solution can be summarized as follows: turnover + 100%, employment + 5 persons, market seize 4%, IP management trade mark and design protection (no patent) , sales +2 K€ per year, return on investment 20%.

The company is looking for research cooperation agreement to submit a SME instrument project proposal.

The call of interest is the following: SMEInst-08-2016-2017 - Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth.

## Advantages and Innovations

The system makes possible the rescue ship to ship, an operation which is almost impossible by means of traditional tools (line throwing gun).

In addition, it allows to increase the safety and reliability of salvage operations of distressed ships and can contribute to environmental safeguard by supporting prevention of pollution at sea, particularly oil pollution.

Up to now, in emergency towing operations, the first connection between the vessel candidate to save the distressed ship and the distressed ship itself are carried out by employing crew members on rescue boats and/or line throwing gun. The natural mean to tow a distressed ship is a tug, possibly an ocean tug, but many times there is no tag is available on the scenario when the casualty occurs. Often the only available mean is another ship and the most dangerous manoeuvre is to approach at short distance: the possibility to keep bigger distance (500 metres), as the developed marine drone allows to do, becomes a key factor opening new markets.

At the moment the developed solution is the first AUV (Autonomous Surface Vehicle) allowing this kind of operations.

## Stage of Development

Prototype available for demonstration

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## Keywords

### Technology

01002003	Electronic engineering
10001002	Assessment of Environmental Risk and Impact
10004009	Marine Environment

### Market

09001007	Other transportation
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### NACE

C.30.1.1	Building of ships and floating structures
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## Network Contact

### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

### Contact Person

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**Open for EOI :**    **Yes**

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**Client**

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**Type and Size of Organisation Behind the Profile**

Industry SME 11-49

**Year Established**

1984

**Turnover**

1 - 10M

**Already Engaged in Trans-National Cooperation**

No.

**Certification Standards**

ISO 9001

**Languages Spoken**

English  
Spanish  
Italian

**Client Country**

Italy

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**Partner Sought**

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**Type and Role of Partner Sought**

The company is looking for two partners in order to develop the vehicle and use it on a fleet. More specifically: one partner should be skilled in marine drone manufacturing (to realize electronics components), and the second partner should be able to test the product to facilitate its entry into the market (a final user as a salvage company, a tug company or a ship-owner).

**Type and Size of Partner Sought**

SME 11-50,251-500,SME 51-250

## Type of Partnership Considered

Research cooperation agreement

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## Attachments

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photo 2.jpg



photo 1.jpg



photo 3.jpg

