

## Partnering Opportunity

Profile Status: Published

### Research & Development Request

---

## JTI-CS2-2019-CFP10-SYS-01-21: Spanish research institute seeks large companies in the field of production of plastic water tanks

---

### Summary

---

*A Spanish technological centre is preparing a project proposal for JTI-CS2-2019-CFP10-SYS-01-21: grey water container with reduced biofilm growth. The proposal will be based in the application of combined anti-stick/biocide coatings onto plastic materials which will prevent biofilm growth in plastic grey water containers. The sought partners should be large companies producing plastic containers.*

Creation Date	25 June 2019
Last Update	26 June 2019
Expiration Date	30 July 2019
Reference	RDES20190625001
Public Link	<a href="https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/1e9a9004-22d6-462e-92fa-b57a771de14c">https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/1e9a9004-22d6-462e-92fa-b57a771de14c</a>

---

### Details

---

#### Description

A Spanish company, a non-profit private technological centre, has a large trajectory in international cooperation. The centre has coordinated 19 out of the 35 European projects in which they have been involved from FP6 to Horizon 2020 including LIFE and ECO-Innovation programs. The main RTD fields where the company develops its activities are nanotechnology, new materials and advanced-environment technologies.

One of the core expertises of the centre is the development and production of anti-stick coatings for different substrates. They have developed commercial technology for this purpose which has been applied onto different substrates such as metals, plastics, ceramics and which owns easy to clean properties and antistick properties for different applications such as marine fouling, food residues, wastes in waste water treatment. In addition, this centre has developed coatings including nano-additives own developed with antibacterial properties which have successfully

demonstrated the inhibition of several microorganism. In this way, the centre will propose a solution combining both effects which will be applied to a storage container for grey water.

The partner sought should work in the design, selection of the material and production of the plastic container which should be a thermoplastic material. Optionally, this company could work also in the production of the thermoplastic composite with antimicrobial additives.

The technological centre is looking for large companies producers of plastic or water containers.

Timescales:

Official deadline for the call: 03/09/2019

Deadline for expressions of interest: 30/07/2019

Anticipated duration of the project: 92 weeks

## Technical Specification or Expertise Sought

It is valued although it is not mandatory that the partner sought knows specific aerospace requirements and testing standards such as RTCA DO 160 Rev. G.

---

## Keywords

---

### Technology

02002002	Coatings
02007005	Composite materials
02011002	Aircraft
10004003	Wastewater Recycling

### Market

08001007	Coatings and adhesives manufactures
08001018	Polymer (plastics) materials
08004003	Water treatment equipment and waste disposal systems

### NACE

M.72.1.9	Other research and experimental development on natural sciences and engineering
----------	---

---

## Network Contact

---

### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

### Contact Person

Pawel Zebrowski

Ref: RDES20190625001

**Phone Number**

+48 91 449 43 64

**Email**

pzebrowski@zut.edu.pl

---

**Open for EOI :**    **Yes**

---

---

**Dissemination**

---

**Relevant Sector Groups**

Aeronautics, Space and Dual-Use Technologies  
Maritime Industry and Services

---

**Client**

---

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

R&D Institution

**Year Established**

0

**Already Engaged in Trans-National Cooperation**

Yes

**Languages Spoken**

English  
Spanish

**Client Country**

Spain

---

**Partner Sought**

---

**Type and Role of Partner Sought**

- Type of partner sought:  
Large companies manufacturers of plastic components.

- Specific area of activity of the partner:  
Water containers for waste water.  
Plastic components for aeronautics / naval / train.

- Task to be performed:  
Design and production of water container.

- EU / International project experience:  
Desired but not compulsory.

**Type and Size of Partner Sought**

>500 MNE, 251-500, SME 51-250, >500

**Type of Partnership Considered**

Research cooperation agreement

---

**Program - Call**

---

**Framework Program**

Joint Technology Initiatives

**Call title and identifier**

JTI-CS2-2019-CFP10-SYS-01-21: grey water container with reduced biofilm growth

**Coordinator Required**

No

**Deadline for EOI**

30 Jul 2019

**Deadline of the Call**

03 Sep 2019

**Project Duration**

92 week(s)

**Weblink to the Call**

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/jti-cs2-2019-cfp10-sys-01-21>