

Partnering Opportunity

Profile status : Published

Research Development Request

Urgent - H2020-LCE-2017-RES-IA – partner from agro-food sector sought for demo site for a set of tools and methods for the development of industrial solar heat projects

Summary

A German SME looks for a company from the agro-food industry to complete the consortium of the project SHIP2FAIR (Solar Heat for Industrial Process towards Food and Agro Industries commitment in Renewables). The project is already ongoing and receives funding under the call - H2020-LCE-2017-RES-IA. The sought partner should require heat in the medium temperature range (100°C to 400°C) and be interested in having installed a demo site on their premises. Partnership will be a research agreement.

Creation Date	24 July 2020
Last Update	24 August 2020
Expiration Date	20 September 2020
Reference	RDDE20200724001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/cb4f493b-bcfb-4f6f-ba18-51ed601dfb51

Details

Description

A German SME that provides tailor-made solutions of renewable energies and energy efficiency in the medium power range for industrial and commercial customers is currently working in the European funded project SHIP2FAIR (Solar Heat for Industrial Process towards Food and Agro Industries commitment in Renewables). The

project aims to foster the integration of solar heat in industrial processes of the agro-food industry. With this purpose, SHIP2FAIR will develop and demonstrate a set of tools and methods for the development of industrial solar heat projects during their whole life cycle.

Demonstration and validation will take place at four real industrial sites, representative of the agro-food sector. SHIP2FAIR is a project developed by 15 partners from all over Europe and with the support of the European Commission.

In SHIP2FAIR it is foreseen that the SME will install two identical SHIP systems for direct steam generation. The company is currently searching for an alternative site for one of the originally planned installations at a beverage company in Italy.

Type and role of the partner required:

The partner should be from southern or central Europe from the agri-food and beverage sector, having heat demand in the medium temperature range (100°C to 400°C) and be interested to receive one of the demo sites on their premises. The demo site consists of a fresnel solar collector field comprising 80 modules and covering a total area of approximately 2600 m². The system includes a balance of plant consisting of pumps, valves, piping and control/automation of the solar field. The partner should be responsible for preparing the area (roof or ground) for system installation and to interconnect the limit of scope to the factory (topics to be discussed). The project has a large share of funding and the partner will be responsible for covering the difference in order to own the system.

The project is currently ongoing with the other demo site under engineering and the new partner should be involved the soonest possible in order to keep the project timeline.

Deadline for expressions of interest: 15 August 2020.

Call - H2020-LCE-2017-RES-IA

Topic - Near-to-market solutions for the use of solar heat in industrial processes

Project title: SHIP2FAIR: Solar Heat for Industrial Process towards Food and Agro Industries commitment in Renewables

Project start: April/2018

Project end: September/2022

Total SHIP2FAIR budget: 7.996.793,25 €

Budget for specific demosite searched for:

Total demo site investment: 1,16 M€

Available Funding (=Expenses from EU): 610 k€

Funding gap to be covered by new partner: 550 k€

Keywords

Technology

04002004	Furnace and boiler technologies
04005005	Solar/Thermal energy
04007001	Energy management
08001005	Food Technology
10002013	Clean Production / Green Technologies

Market

06003001	Solar/thermal energy
06006002	Metering and monitoring
06010003	Energy for Industry
09008004	Other utilities and related firms

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

ZEBROWSKI Pawel

Phone number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI: **Yes**

Dissemination

Relevant sector groups

Intelligent Energy

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

0

Already Engaged in Trans-National Cooperation

No

Languages Spoken

English
German
Portuguese
Spanish

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

Type of partner sought: Industry, medium/large SME from southern or central Europe

Specific area of activity of the partner: agri-food and beverage

Tasks to be performed by the partner:

- receive the demo site on their premises
- prepare the area for installation (ground or roof) and make interconnection to the existing heat network (to be discussed)
- participate in annual meetings.
- share data of the solar plant performance (after installed) for the other work packages within the project

Type and Size of Partner Sought

SME 11-50, SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

H2020

Call title and identifier

Call - H2020-LCE-2017-RES-IA

Topic - Near-to-market solutions for the use of solar heat in industrial processes

Anticipated Project Budget

7.996.793,25 Euro

Coordinator required

No

Acronym

SHIP2FAIR: Solar Heat for Industrial Process towards Food and Agro Industries commitment in Renewables

Deadline for EOI

20 Sep 2020

Deadline of the Call

20 Sep 2020

Weblink to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/lce-12-2017>

Attachments
