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Mehmet Ün
RePG Enerji Sistemleri
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Description of RePG



- RePG Energy was founded in 2016 by Hasan AYARTÜRK with the support of TUBITAK BIGG. RePG continued R&D and Beta field tests with the support of angel investment from TRANGELS A.Ş. between 2017 and 2020, from a total of 80+ individual angel, strategic and financial investors.
- TRAngels Leader investor team, consisting of 4 people, continues to work closely with the entrepreneur team 24 × 7. Production and investment/investor plans for all products and subsidiaries proceed in parallel with the BETA product research carried out in the field. The production facility is located in the Bursa Nilüfer Çalı area.

Description of RePG



- RePG has been involved in a total of 17 EU projects. The company has recently applied to the EIC Accelerator program with the REP-AIR project. It has been involved in many TUBITAK and KOSGEB projects nationally.
- The company has 25 national and 7 PCT patent applications. The processes of patents are still ongoing. There are 4 patents in total for the waste heat project.

Description of your research interest



- RePG consists of a team with management experience, R&D experience and sales experience.



Hasan AYARTÜRK

Founder – General Manager



Hüseyin KARAYAĞIZ

Board Member/Chairman BDM/Sales & Marketing
TRANGELS Lead Investor

Using Waste Heat to Produce Electricity

- Objectives:
 - to generate electricity-based power by using the heat energy obtained from the heat panel and/or combi hot water and/or geothermal hot water.
 - To create a low-cost new renewable energy source
- Expected results
 - Creating a more efficient product
 - Ensuring the commercialization of the product

We are interested in PARTICIPATE AS PARTNER in the call Energy Sector Integration: Integrating and combining energy systems to a cost-optimised and flexible energy system of systems

TOPIC ID: HORIZON-CL5-2021-D3-02-05

Opening: 24 Jun 2021, **Deadline:** 05 Jan 2022

Considering the topic description and our experience we could contribute to:

Reduce energy losses of building houses and industries with optimization and integration of different systems and products that can be used modularly

Increase the use of renewable energy sources

We are interested in PARTICIPATE AS PARTNER in the call Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People)

TOPIC ID: HORIZON-CL5-2022-D4-02-02

Opening: 06 Sep 2022, **Deadline:** 24 Jan 2023

Considering the topic description and our experience we could contribute to:

Increased well-being and economic prosperity of citizens in a low carbon, sustainable built environment by ensuring high indoor and outdoor quality, and affordability of renovation solutions.

Increased attractiveness of deep renovation through new regeneration and smart growth models for sustainable living.



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