

Germany SME is looking for a manufacturer of air source heat pumps (system solution)

Summary

Profile type

Business request

Company's country

Germany

POD reference

BRDE20260529018

Profile status

PUBLISHED

Type of partnership

Commercial agreement

Targeted countries

- **Germany**
- **Austria**
- **Denmark**
- **France**
- **Finland**

Contact Person

[Enrico FRANZIN](#)

Term of validity

29 May 2026
29 May 2027

Last update

2 Jun 2026

General Information

Short summary

The German company has developed a patented low-temperature system that is scalable and modular. It can be used for industry as well as office or apartment buildings. The sought-after manufacturer should offer engineering and production as well as support in sales / market development.

Full description

Request: Manufacturer of container-based air source heat pumps (system solution)

For the implementation of an innovative project in the field of sustainable energy systems, a high-performance industrial partner is being sought to take over the development and implementation of a scalable air source heat pump solution in container format.

The focus is on the development of a so-called "airtainer®" air source heat pump. This is a modular, container-based system that is to be designed in standardized formats and stackable. The solution must be flexible in combination and allow for gradual expansion. The aim is to create a scalable system solution that can cover capacities up to the multi-megawatt range.

The planned application extends to various fields of application. These include, in particular, apartment buildings, neighbourhood-related supply solutions, industrial applications and municipal infrastructures. The solution should therefore be widely applicable and adaptable to different requirements.

We are looking for a manufacturer who has comprehensive expertise along the value chain. This includes, in particular, the assumption of design and engineering, including the development of the system architecture and the technical integration of all relevant components. In addition, the ability to produce industrially, ideally in the form of standardised series production, is required. Optionally, the partner can also take on or support tasks in the area of sales and market development.

It is of particular importance that the potential partner has free production capacities or production capacities available at short notice. In addition, a suitable logistics infrastructure is advantageous, for example in the form of a rail connection or comparable transport connections, in order to enable the efficient distribution of container solutions. Experience in the field of heat pump technology, refrigeration technology or container-based system solutions is expressly desired.

The aim of this cooperation is to establish a long-term, resilient partnership with the common aim of developing a marketable, scalable and future-oriented solution for sustainable heat supply and successfully positioning it in the market.

Interested companies are asked to present their capabilities, relevant references and information on available capacities.

Advantages and innovations

Manufacturing a container-based air-source heat pump system offers clear economic and strategic potential. The rapidly growing market for climate-friendly heating solutions requires flexible, quickly deployable, and scalable technologies—precisely where a modular “airtainer®” system provides strong advantages. Standardization and series production enable efficiency gains and cost reductions, while the wide range of applications in residential, industrial, and municipal sectors supports strong market potential. In addition, companies can better utilize existing production capacities and position themselves early in a future-oriented growth market.

Technical specification or expertise sought

engineering energy system

Stage of development

Already on the market

Sustainable Development goals

- **Goal 15: Life on Land**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 7: Affordable and Clean Energy**
- **Goal 13: Climate Action**
- **Goal 12: Responsible Consumption and Production**

IPR Status

Secret know-how

IPR Notes

Partner Sought

Expected role of the partner

The partner should be reliable and professional; industry / company with engineering resources.

Type of partnership

Type and size of the partner

Commercial agreement

- SME 11-49
- SME <=10
- SME 50 - 249
- Big company

Dissemination

Technology keywords

Market keywords

- **09007004 - Engineering and consulting services related to construction**

Targeted countries

Sector groups involved

- **Germany**
- **Austria**
- **Denmark**
- **France**
- **Finland**

- **Electronics**
- **Construction**