

Belgian company seeks partner to manufacture and supply custom micro-channel heat exchanger (MCHE) based in the EU market.

Summary

Profile type

Business request

Company's country

Belgium

POD reference

BRBE20260212028

Profile status

PUBLISHED

Type of partnership

Supplier agreement
Commercial agreement

Targeted countries

• **World**

Contact Person

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Term of validity

17 Feb 2026
17 Feb 2027

Last update

17 Feb 2026

General Information

Short summary

Belgian company developing and manufacturing innovative thermal storage solution is seeking to cooperate with a manufacturer of micro-channel heat exchanger (MCHE) for the industrialization of their next generation thermal battery system.

Full description

The SME is developing and manufacturing innovative thermal storage based on phase change materials for residential and commercial applications.

The company is looking for collaboration with a supplier of micro-channel heat exchanger to design, manufacture and supply the technology at the core of its next generation product.

Advantages and innovations

Technical specification or expertise sought

The company is looking for an exchanger:

- overall dimensions about 790 mm height x 480 mm length x 110 mm width.
- single phase (water as coolant)

They are looking for a long-term partnership, and will provide detailed specifications of their design. Preference for an EU based partner, but not mandatory.

Stage of development

Available for demonstration

Sustainable Development goals

- **Goal 7: Affordable and Clean Energy**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 13: Climate Action**

IPR Status

No IPR applied

IPR Notes

Partner Sought

Expected role of the partner

- Assist in the detailed design of the exchanger, matching its own manufacturing capabilities
- Manufacture and supply first prototype units for lab testing and validation.
- Manufacture and supply series production

Type of partnership

Supplier agreement

Commercial agreement

Type and size of the partner

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



Dissemination

Technology keywords

- **04002006 - Heat exchangers**

Targeted countries

- **World**

Market keywords

- **06003001 - Solar/thermal energy**

Sector groups involved