

# Swedish terrain vehicle company looking for EV battery partner

## Summary

Profile type	Company's country	POD reference
<b>Technology request</b>	<b>Sweden</b>	<b>TRSE20240705013</b>
Profile status	Type of partnership	Targeted countries
<b>PUBLISHED</b>	<b>Commercial agreement with technical assistance</b> <b>Research and development cooperation agreement</b>	<b>• World</b>
Contact Person	Term of validity	Last update
<b><a href="#">JACOPO CONTAVALLI</a></b>	<b>5 Jul 2024</b> <b>5 Jul 2025</b>	<b>5 Jul 2024</b>

## General Information

### Short summary

A Northern Sweden based company pioneering the world's first electric circular terrain vehicles. It's not just a thrilling ride; it's an eco-conscious vehicle. Their innovative design drastically reduces CO2 emissions, making it the market leader in sustainability. They are now looking for a partner and/or supplier of EV (Electric Vehicle) batteries that can fulfil both the performance and environmental impact requirements put on the battery.

### Full description

The Swedish company pioneering the world's first electric circular terrain vehicles. It's not just a thrilling ride; it's an eco-conscious vehicle. The company is committed to reduce over 0.5 Megaton of CO2 by 2030, replacing fossil-driven terrain vehicles with sustainable electric ones.

Their innovative design drastically reduces CO2 emissions, making it the market leader in sustainability. The vehicle is design in collaboration with one of the world's most prestigious automotive design agencies a long side partnership with leading research institutes in Sweden.

Their first product is an electric snowmobile expected to be launched 24/25. The volumes are projected to increase from a handful to an substantial number over the next years.

The company is looking for a lasting partnership for EV battery pack design, supply and innovation. They need an EV battery pack that meets high standards of performance and environmental sustainability.

The company desires to own the IP on the battery design. Preferably the partner shall also have production capacity. For production the company will supply the battery box and the producer/partner will assemble and seal the battery pack.

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#### Advantages and innovations

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#### Technical specification or expertise sought

The desired specifications for the battery are as follows:

- Nominal voltage: 400V
- Capacity: 20kWh
- Continuous C-rate: 4.5
- C-rate at -30 degrees celsius: 0.1 C
- Volume for battery modules: 300x1520x190 mm
- Volume for other electronics: 300x160x190 mm
- Max weight: 95 kg

More detailed requirement specifications can be shared.

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#### Stage of development

#### Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 12: Responsible Consumption and Production**
- **Goal 11: Sustainable Cities and Communities**

#### IPR Status

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## Partner Sought

#### Expected role of the partner

Development partner and/or provider

The partner should have expertise in developing, and preferably also supplying, EV battery packs.

## Type of partnership

**Commercial agreement with technical assistance**  
**Research and development cooperation agreement**

## Type and size of the partner

- **SME 50 - 249**
- **Big company**
- **SME 11-49**

## Dissemination

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## Technology keywords

- **04001003 - Storage of electricity, batteries**
- **02009002 - Hybrid and Electric Vehicles**

## Targeted countries

- **World**

## Market keywords

- **09001007 - Other transportation**
- **09001005 - Motor vehicles, transportation equipment and parts**

## Sector groups involved