

Turkish Tier-1 Automotive Supplier Seeks project partners for R&D collaboration opportunities in automotive manufacturing and industrial technologies

Summary

Profile type

Research & Development Request

Company's country

Türkiye

POD reference

RDRTR20250616001

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

- **Germany**
- **Austria**
- **Slovenia**
- **Belgium**
- **Poland**
- **Czechia**
- **Montenegro**
- **Finland**
- **Greece**
- **Hungary**
- **Spain**
- **Serbia**
- **Malta**
- **Slovakia**
- **Italy**
- **Luxembourg**
- **Portugal**
- **Bosnia and Herzegovina**
- **Romania**
- **Bulgaria**
- **Lithuania**

- Estonia
- France
- Norway
- Sweden
- Denmark
- Croatia

Contact Person

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Term of validity

16 Jun 2025**16 Jun 2026**

Last update

16 Jun 2025

General Information

Short summary

The company is actively seeking R&D collaboration opportunities, particularly in areas aligned with its core expertise in automotive manufacturing and industrial technologies. It is especially interested in projects that support innovation in metal forming, tool and die development, innovative business practices, electric vehicle components and sustainable manufacturing. The company is also open to participating in broader industrial R&D initiatives that align with its technical strengths.

Full description

The company is a Tier-1 automotive supplier headquartered in Bursa, Türkiye, with 45+ years of experience in high-volume stamped sheet metal parts. Operating across 32,500 m², the company supplies safety-critical components (roofs, BIW parts, chassis systems) to global OEMs and holds IATF 16949, ISO 9001, and ISO 14001 certifications.

Core Capabilities:

Mass Production: 57 press machines (32 with robots) and 94 welding units.

Tooling Expertise: Backed by its sister company (CNC/laser machining, die/try-out lines).

R&D Focus: Electric vehicle (EV) components, sustainable manufacturing, and metal-forming innovations.

Sustainability: Clean production practices and SSH-driven workplace initiatives.

Key Clients: OEMs in automotive supply chains (confidential per NDAs)

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Advantages and innovations

The Company stands out as a forward-thinking partner in the automotive supply chain, offering cutting-edge innovation capabilities that align with global industry trends. Here's why partnering with us delivers a competitive edge:

1. Advanced R&D Infrastructure

Dedicated R&D Center: Operational since 2011, its facility focuses on metal-forming technologies, EV components, and sustainable manufacturing processes.

State-of-the-Art Tooling: Backed by sister company, they integrate CNC machining, laser cutting, and AI-assisted die design to accelerate prototyping and production.

2. Leadership in Sustainable Manufacturing

Green Production: ISO 14001-certified processes minimize waste and energy consumption, supporting compliance with EU Green Deal and circular economy goals.

SSH-Driven Practices: We pioneer social science and humanities (SSH) initiatives to enhance worker safety, diversity, and ethical supply chains.

3. Flexibility in Collaborative Models

Hardware & Knowledge Provider: Adaptable roles in projects—from supplying stamped parts for prototypes to co-developing lightweight materials (e.g., aluminum, high-strength steel).

Open Innovation: Active in Horizon Europe and national grants, with experience in public-private partnerships.

4. Digital & Industry 4.0 Integration

Smart Manufacturing: Robotics (32 transport robots), IoT-enabled presses, and predictive maintenance systems ensure precision and scalability.

Software Partnerships: Seeking collaborations with SMEs offering digital twins, AI-driven quality control, or blockchain traceability solutions.

5. EV & Future Mobility Focus

Battery & Chassis Components: Expertise in stamped parts for EVs, including battery enclosures and structural reinforcements.

Material Innovation: R&D in composite metals and recyclable alloys to reduce vehicle weight and CO₂ footprint.

Technical specification or expertise sought

1-R&D Collaborations:

Co-develop EV components, lightweight materials, or Industry 4.0 solutions.

Participate in Horizon Europe projects (e.g., clean manufacturing, circular economy).

2-Joint Ventures:

Establish production hubs in EU markets (Germany, Poland, Spain, etc.).

Technology transfer for advanced stamping/welding processes.

3-Supply Chain Partnerships:

Contract manufacturing for EU OEMs/Tier-1 suppliers.

Subcontracting for high-volume stamped parts.

Stage of development

Already on the market

IPR Status

No IPR applied

IPR Notes

Sustainable Development goals

• **Goal 9: Industry, Innovation and Infrastructure**

Partner Sought

Expected role of the partner

Automotive OEMs/Tier-1: Seeking reliable stamped parts suppliers.

R&D Institutions: Universities/tech centers focused on metal forming or EV tech.

SMEs: Innovators in sustainable manufacturing or digital production tools.

Expected Contributions:

Project coordination for EU funding applications (e.g., Horizon Europe).

Market access or technical expertise in EV/lightweighting.

Commitment to sustainable and socially responsible manufacturing

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **Big company**
- **R&D Institution**
- **SME 50 - 249**
- **SME 11-49**
- **University**

Call Details

Framework program

Horizon Europe

Call title and identifier

**Cluster 4: Digital, Industry and Space
Cluster 5: Climate, Energy and Mobility**

Submission and evaluation scheme

Anticipated project budget

Coordinator required

Yes

Deadline for EoI

1 Jul 2026

Deadline of the call

5 Jul 2026

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

Market keywords

- **09001005 - Motor vehicles, transportation equipment and parts**
- **08003001 - Machine tools, other metal working equipment (excl. numeric control)**
- **08001012 - Speciality metals (including processes for working with metals)**

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- **France**
- **Norway**
- **Sweden**
- **Denmark**
- **Croatia**

Sector groups involved

- **Mobility - Transport - Automotive**