

Efficient special converter which decrease fuel consumption in internal combustion engines by 20%

Summary

Profile type

Technology offer

Company's country

Hungary

POD reference

TOHU20250530008

Profile status

PUBLISHED

Type of partnership

**Research and development
cooperation agreement**

Targeted countries

• World

Contact Person

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Term of validity

30 May 2025**30 May 2026**

Last update

30 May 2025

General Information

Short summary

Hungarian company have been invented a new technology for LPG converters what delivers 20% fuel consumption decrease in internal combustion engines. The technology is tested on the market and has impressive results. The technology is 100% compatible with the existing engines, redesign of the engines are not necessary.

Full description

This solution with EURO1-EURO6 engines are also applicable and the effect is immediate. It is tested on the market with independent market players. The company is looking for partners for further developments and test who are willing to invest or accelerate the technology and the product.

In our technology we use quantum physics methods to activate the molecules of the LPG converter. After activation the LPG phase transition in the converter is executed in an increased energy field. This energy field unhide extra benefits of the gas and makes a more efficient combustion in the cylinder. This technology was tested in LPG fuelled internal combustion forklift trucks. The converter was effective from the installation and delivered the expected results short term and long term as well. The weather conditions, location or operator was not relevant and the results were confirmed

at
three different locations by independent supervisors.

Advantages and innovations

This invention is a brand new approach in the fuel sector. The technology is already available in pilot size and ready for further tests. It is 100% compatible with the actual converters built in the engines. The main advantage is the cost as we will supply it against the fuel save, which means no investment needed from customer side.

Technical specification or expertise sought

Stage of development

Available for demonstration

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

• **Goal 7: Affordable and Clean Energy**

Partner Sought

Expected role of the partner

The client is looking for such partners:
Automotive producer, trader, spare parts developer.
University, technical institute.

Type of partnership

Type and size of the partner

Research and development cooperation agreement

- SME 11-49
- SME ≤10
- SME 50 - 249
- Big company
- R&D Institution
- University

Dissemination

Technology keywords

- 04001005 - Transport and storage of gas and liquid fuels
- 04001007 - Power to gas technology

Targeted countries

- World

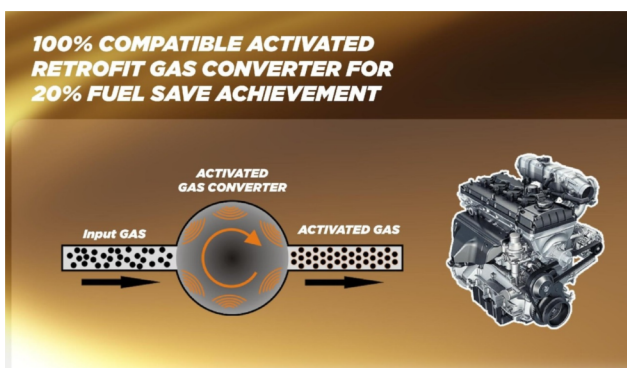
Market keywords

- 08005 - Other Industrial Products (not elsewhere classified)
- 09001005 - Motor vehicles, transportation equipment and parts

Sector groups involved

Media

Images



[Gas Converter.jpg](#)