

# Future50

Mobility and Transport

Low-GHG Light/Heavy Duty/EVs/High-Efficiency Vehicles

# ADGERO

Adgero UK Ltd.



[www.adgero.co.uk](http://www.adgero.co.uk)

#ClimateTech

## Highlights

Adgero UK is an alumnus of Los Angeles-based accelerator **Expert DOJO**.<sup>278</sup> It reports to have been awarded R&D grants by **Innovate UK** to develop its technology, and to have raised around US\$100K in equity<sup>279</sup> from investors, such as Expert DOJO, Shackleton Ventures and TURN8, and to have development agreements with a number of vehicle brands, including **Renault**.

Adgero UK notes that it has secured a French patent for its technology related to the **integration of an electric hybrid drive system into existing heavy vehicle platforms**.

The company also indicates that it has filed a new patent in North America, the EU, Australia, New Zealand, South Africa and the United Arab Emirates for the expansion of its system to include GPS-based predictive powertrain control, which allows the electric drive to adapt power delivery based on terrain and traffic.

## Strategic alliances:

- Logistics Companies
- R&D Accelerators
- Governments
- Vehicle Manufacturers

## List impact technologies:

Low GHG Heavy Duty Vehicles

## Headquarters:

United Kingdom

## Middle East operational countries:

United Arab Emirates

## Summary

Adgero develops **kinetic energy recovery systems** that can be fitted onto trucks. It details that these devices capture kinetic energy during braking and can release energy during acceleration. The company adds that this technology can **reduce fuel burn by up to 25%**, and could thus help companies save on the amount of fuel they burn while benefiting the environment.

## Impacts

Adgero claims to have been able to **reduce CO2 emissions by 25%** across the vehicles its technology has been deployed on.<sup>276</sup> The company reports that it is working with **mining companies in Australia** to deploy its solution onto load trains to provide their trucks with extra energy and **move more load per trip**, increasing trip efficiency.<sup>277</sup>

