

Technology Strategy Board

Driving Innovation

Press release

2 September 2011

Development of new technologies will cut vehicle carbon emissions

Ultra lightweight engine designs, advanced battery management systems and the next generation of electric motors are just three of the new low carbon vehicle technologies to be developed by leading British companies with funding from the government-backed Technology Strategy Board (www.innovateuk.org) and the Department for Business Innovation and Skills (BIS) (www.bis.gov.uk).

The Technology Strategy Board and BIS have jointly agreed to invest £10 million in grants to sixteen collaborative research and development projects that focus on achieving significant cuts in CO₂ emissions for vehicle-centric technologies in low carbon vehicles.

Announcing the grant funding award today, Minister for Business and Enterprise Mark Prisk said:

“This new government investment is part of our strategy to put the UK at the forefront of low carbon vehicle technology and is another step for the UK towards a low carbon economy. Developing such highly innovative strategic technologies is vital if we are to mass produce low carbon vehicles in the UK and make this country a more attractive location for sustained investment by global vehicle manufacturers and suppliers.”

Iain Gray, Chief Executive of the Technology Strategy Board, added:

“Through our low carbon vehicle Integrated Delivery Programme we aim to integrate the low carbon vehicle innovation chain in the UK from the science base through collaborative R&D to fleet-level demonstration. By investing in such cutting-edge development, we are driving forward low carbon vehicle innovation in a range of strategically important areas for the UK.

The consortia developing the technologies will be lead by Advanced Composites Group Ltd, Amberjac Projects Ltd, Ashwoods Automotive Ltd, Axon Automotive, Bladon Jets, Cobham CTS Ltd, Drive System Design Ltd, Econolyst Ltd, Jaguar Cars Ltd, Leyland Trucks, Magnomatics Ltd, Morgan Motor Company, Prodrive, Sevcon Ltd, T&L Process Technology Ltd and The Manufacturing Technology Centre (MTC).

The Technology Strategy Board allocated £8 million from its budget to co-fund the R&D projects and, after receiving so many top-quality applications, BIS agreed to provide additional government support of

£2 million, bringing total government investment to £10 million. Including contributions from the participating companies, the total value of the research and development projects is over £19 million.

Ends

Notes:

1. The **Technology Strategy Board** is a business-led government body which works to create economic growth by ensuring that the UK is a global leader in innovation. Sponsored by the Department for Business, Innovation and Skills (BIS), the Technology Strategy Board brings together business, research and the public sector, supporting and accelerating the development of innovative products and services to meet market needs, tackle major societal challenges and help build the future economy. For more information please visit: [Technology Strategy Board website](#).
2. The vision of the Technology Strategy Board is for the UK to be a global leader in innovation and a magnet for innovative businesses, where technology is applied rapidly, effectively and sustainably to create wealth and enhance quality of life. Our approach to accelerating the pace of innovation in the UK is captured in our strategy document, *Concept to Commercialisation*, published in May 2011. This builds on our first strategy, developed in 2008, and sets out new directions, taking into account the challenges and exciting opportunities that lie ahead. To see the new strategy please visit: [Concept to Commercialisation](#).
3. The Technology Strategy Board's [_connect](#) platform provides an effective and powerful way to collaborate online, network and share knowledge with other innovators. It provides a place to work together securely and share information & knowledge. Users can utilise the online tools to work collaboratively, discuss ideas and find events. The networks offer up-to-the minute news on funding, events, articles and publications, plus information about all 16 Knowledge Transfer Networks. Through the networks, users can find potential business partners, entrepreneurs, collaborators, other innovators, researchers and academics.
4. The competition is being delivered by the Technology Strategy Board through the Low Carbon Vehicles Innovation Platform (LCVIP), which was established in September 2007 to promote low carbon vehicle research, design, development and demonstration in the UK. This is the sixth competition under the LCVIP's Integrated Delivery Programme (IDP). The IDP aims to integrate the low carbon vehicle innovation chain, from the science base, through collaborative R&D to fleet-level demonstration. The programme has secured funding from the Technology Strategy Board, the Office for Low Emission Vehicles, the Engineering and Physical Sciences Research Council, the Department for Business Innovation and Skills, regional bodies and devolved administrations. The Low Carbon Vehicles Innovation Platform has been working with key stakeholders to understand the research priorities needed to support the future developments of road vehicles to help reduce carbon emissions and therefore meet UK and EU climate change targets. For further information please visit: [LCVIP](#).
5. For background information about this competition please visit: [Highly innovative strategic technologies in low carbon vehicles](#).
6. The offer of funding is conditional and remains subject to the successful completion of Technology Strategy Board compliance and financial review processes.
7. To download a list of all the projects please visit: [LCVIDP6 list](#)

8. Companies and other organisations seeking further information about Technology Strategy Board research and development funding opportunities should visit the Competitions page of the Technology Strategy Board website – [competitions page](#), email [competitions email](#) or phone the Competitions Helpline on 0300 321 4357.
9. Media enquiries **only** should be addressed to the Technology Strategy Board’s media relations manager or consultant.

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