

offshore wind testing. We have launched a second round of the offshore wind demonstration scheme to support the accelerated commercialisation of this technology.

Further to the investments around renewable energy, the Government has also announced provision of up to £15 million support for capital investment to establish a Nuclear Advanced Manufacturing Research Centre. It will be led by a specialist university working with manufacturers from the UK nuclear supply chain on the development and production of high quality nuclear components and to achieve the necessary accreditation, skills and capabilities to supply the civil nuclear market. Rolls-Royce will play a leading role in this work, building on its longstanding capability in nuclear manufacturing.

Further support in the development of the low carbon economy is focusing on reducing energy demand. Funding is being provided to make our domestic and industrial building stock more energy efficient. £10 million is being invested by the Technology Strategy Board in its Low Impact Buildings Innovation Platform. This will result in increased support for the 'Retrofit for the Future' programme which will help develop and demonstrate solutions for refurbishment of entire homes that deliver deep cuts in energy use and carbon emissions.

6.3 Ultra-Low Carbon Vehicles

The development of ultra-low carbon vehicles presents a huge opportunity for the automotive industry and for the UK. There are many technologies which can potentially contribute to decarbonising road transport. While these are in various stages of development and take-up, there is potential for the UK to take a leading role in commercialising, demonstrating and manufacturing these new technologies.

There is a diverse range of technologies being developed to deliver ultra-low carbon vehicles, although plug-in hybrid electric and all-electric vehicles are expected to have a significant presence in mass markets.

The UK Government is already providing support for the development of low carbon, including electric, vehicles, for example through the Technology Strategy Board's Low Carbon Vehicles Innovation Platform. Funding is also being provided to support the deployment of enabling infrastructure needed to support them and also a programme to incentivise consumers to take-up the new vehicles.

With the success of programmes supported so far, the Government has committed additional funding of up to £10 million for accelerated deployment