

- Investment of £45 million, through the Technology Strategy Board collaborative R&D delivery programme, to support research and technology critical to the development of low carbon aircraft engine technology. The Technology Strategy Board is considering a number of projects, to be led by Rolls-Royce, under the heading of SILOET (strategic investment in low carbon engine technology);

**TUC General Secretary, Brendan Barber said:**

*‘High value manufacturing should be at heart of plans to get the UK out of recession. Measures announced recently, such as the £45 million investment in low carbon technology at Rolls-Royce, will create jobs and boost growth across the country.’*

- A £12 million expansion of the Printable Electronics Centre. Printable electronics focus on cutting edge processes that allow circuits to be printed into flexible surfaces, unlike traditional silicon chips. The centre was formally opened in March 2009 focusing on display technology. The expansion, supporting growth in low carbon products, will enable it to offer capability in the manufacturing of ultra-efficient lighting and photovoltaics and contribute to the low carbon agenda. Over the next four years, the facility will focus on exciting new display technologies, stimulating the creation of up to 250 jobs in the North East and up to 1,500 jobs nationally by 2014;
- An additional £5 million for collaborative R&D as part of the Technology Strategy Board’s High Value Manufacturing competition. This is in addition to the £24 million invested earlier this year in projects that have the potential to bring about a step change in the competitiveness of participating companies by making improvements in the range of 25-50% relative to current performance on, for example, overall manufacturing costs; product performance, durability and reliability; or, time to market. The scope of this funding could lead to a range of improvements for example, in resource efficiency and sustainable processes, design and innovation processes, or collaboration within value chains.
- An £8 million expansion of the highly successful Manufacturing Advisory Service over 2009/10 and 2010/11. £4 million will enable a wider range of businesses to improve efficiency and increase orders. A further £4 million will provide more specialist advice to manufacturers on competing for low carbon market opportunities.