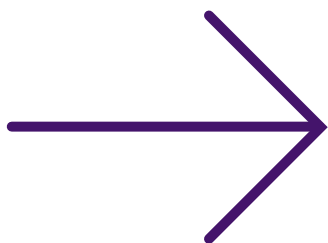


# Ingenious Britain

## Making the UK the leading high tech exporter in Europe

### A report by James Dyson

### March 2010



#### **Sir John Rose, Chief Executive Officer, Rolls-Royce Group Plc.**

James Dyson has done an excellent job in identifying some of the steps the UK needs to take to rebalance its economy. To be successful we must ensure that our education system produces the skills required to support high value manufacturing and services. It is also important to recognise that Governments have a direct role to play in shaping and developing economic activity. Whether by tax credits, grants or other incentives the UK Government needs to compete for investment with other countries where this type of intervention is considered entirely usual.

#### **Sir Christopher Gent, Non-Executive Chairman, GlaxoSmithKline Plc.**

Science and engineering are vital for the rebalancing of the British economy. James Dyson's report is a thorough and thoughtful review of how to further strengthen the UK's excellence in these fields and to create related economic benefit. Deeper, more strategic relationships are needed between universities and business to encourage the translation of research into products and services. Removing barriers to cluster development and creating increased opportunities for movement of staff between industry and academia are both important measures but as well as strengthening translation, we must not neglect 'blue skies' research, the stimulus for many useful industrial applications. Overall, the focus must be on excellence, providing increased support to those areas where the UK is globally competitive. Also key to increasing investment in the UK by innovation-intensive companies is the development of a more competitive tax regime; GSK is very supportive of the creation of a patent box and welcomes the support for this policy measure by the Dyson report.

## **Sir Anthony Bamford, Chairman, JCB**

I know from my personal experience over many years that Britain is a great place to design and engineer products for customers all over the world. Talent and creativity are not in short supply in this country – what we lack is a forward-looking supportive framework for companies that want to translate invention into enterprise. All British manufacturers will welcome James Dyson's report, and in particular his proposal for enhanced tax credits on research and development. James is to be congratulated for flying the flag for British industry at a time when it really needs to be championed.

## **Professor Sir Peter Knight, Deputy Rector, Imperial College**

James Dyson is right. We have some inherent strengths. The UK is the sixth largest manufacturing economy in the world and has four of the top ten global universities. If we harness the best of both worlds, we can grow our high value add industries. Recognising the important role that universities have in delivering new ideas and new opportunities is the first step. The measures that James has set out to encourage industry and academic collaborations are important and necessary steps to allow us to transform our economy.

## **Professor Shirley Pearce CBE, Vice-Chancellor and President, Loughborough University**

Sir James's report builds upon the excellence we have in the UK, both in industry and in our universities. Strong partnerships between business and education have already led to innovative, world-leading initiatives. The removal of remaining barriers to collaboration is a vital step that will help ensure the UK has the knowledge base and the people needed to build a strong economy, based on creating new technology and exports.

## **Richard Green, Chief Executive, The Design and Technology Association**

This is an important report that should be taken seriously by any government. It shows how STEM education provides all young people with essential skills to live and work in an advanced technological society. What the report also does is to highlight the importance of STEM's silent D (for design) that is provided by Design and Technology in both primary and secondary schools. A subject that can combine scientific, mathematical and technological rigour with design, creativity and innovation is educationally very powerful.