

Scientific discovery and technological innovation will drive economic advancement this century. We will introduce a new long-term funding policy framework for science and innovation, providing the stability and continuity that our companies and research institutes need to succeed.

We will work to make Britain a world leader in low carbon technologies over the next decade, creating a million additional green jobs. This aim will be supported by ambitious domestic carbon reduction targets, including a legal target to remove the carbon from our electricity supply by 2030, and a major drive for energy efficiency.

Our industrial strategy for the green economy will end the current uncertainty for investors, with a timetable for the Green Investment Bank to be given additional powers so that it can invest in green businesses and technology. We will create an Energy Security Board to plan and deliver the energy mix we need, including renewables, nuclear, green gas, carbon capture and storage, and clean coal.

For onshore unconventional oil and gas, we will establish a robust environmental and regulatory regime before extraction can take place. And to safeguard the future of the offshore oil and gas industry, we will provide a long-term strategy for the industry, including more certainty on tax rates and making the most of the potential for carbon storage.

Labour's longer-term approach will drive innovation and build on our strengths as a leader in digital technology. We are just at the start of the internet revolution. Digital technology has transformed start-up costs making it easier to run your own business. There is a widening in the application of new transformative technologies in the fields of robotics, genetics, 3D printing and Big Data. Our economy is developing a network of connections that will revolutionise innovation.

Labour will ensure that all parts of the country benefit from affordable, high speed broadband by the end of the Parliament. We will work with the industry and the regulator to maximise private sector investment and deliver the mobile infrastructure needed to extend coverage and reduce 'not spots', including in areas of market failure. And we will support community-based campaigns to reduce the proportion of citizens unable to use the internet and help those who need it to get the skills to make the most of digital technology.