

UK Pavilion at COP22

7-18 November 2016



**GREEN
IS
GREAT**

BRITAIN & NORTHERN IRELAND





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Front cover image: Water drop on a green leaf – @Punchstock
Inside cover image: Wind turbines

UK Pavilion Summary

8 November: Water/Forests/Africa

10.30–12.00 The future of the water and sewerage industry in the UK

9 November: Resilience

10.30–12.00 The production of energy from waste in the UK and lessons learnt

10 November: Energy I

15.30–16.30 Climate readiness - Ocean based adaptation and mitigation

17.00–18.30 National Trust workshop: Sea level rise, cultural heritage and climate mobility

11 November: Energy II/Oceans/Transport

10.00–11.15 Green Energy in the 21st Century: Sharing the UK's experience

14.00–15.00 Energy for Mines Workshop

17.30–18.00 Financial Times launch

18.00–20.00 Networking reception with the Prime Minister's Trade Envoy to Morocco, Dr. Andrew Murrison MP

12 November: Cities and Territories

14.30–15.30 Cities and Territories

14 November: Gender/Education

- 10.00–11.30 UK-Morocco collaboration on climate change: case-study of a developed country working with a developing country for reduction of carbon emission
- 14.00–16.00 British Council: Art from recycled materials

15 November: Finance and Heads of State Opening

- 13.00–14.30 **Conference Room 4, Green Zone** Practical steps to Green Financing: UK expertise in working with emerging markets, chaired by Sir Roger Gifford
- 15.00–16.00 Tea Reception
- 16.30–18.00 Climate change: what it means for natural and cultural heritage and the cultures of the world

16 November: Innovation

- 10.30–12.00 Supporting sustainable palm oil in Western and Central Africa
- 12.30–14.00 Roadmap to mobilising US\$100 billion a year in climate finance, UK Minister of State for Climate Change and Industry and Australian Foreign Minister
- 14.30–15.30 Mobilising private finance in Africa; challenges and successes in the UK's International Climate Fund
- 16.00–18.00 What gets measured gets managed: Green Impact Investing

18 November

- 11.00–12.30 Launch of the Brazil 2050 Calculator: Introduction to this interactive tool, and scenarios for meeting Brazil's climate targets
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UK Pavilion Event Details

8 NOVEMBER

10.30–12.00

The Future of the Water & Sewerage Industry in the UK

UK Green is GREAT Pavilion
British Chamber of Commerce for Morocco

The British water industry supplies goods and services which are essential to health, wellbeing and economic stability for the UK. These services are coming under increasing pressure as a result of a growing population and a changing climate. To meet these challenges, the UK will need to see changes in the way water is managed. Water companies will need to be more innovative, more efficient and more attentive to what their customers want.

In this panel discussion, hear how the UK aims to meet the challenge of providing a secure source of water at a fair price, through the effective management and the future removal of water from our rivers, lakes and other water sources.

9 NOVEMBER

10.30–12.00

The Production of Energy from Waste in the UK, and the Lessons Learnt

UK Green is GREAT Pavilion
British Chamber of Commerce for Morocco

Waste management in the UK has gradually moved from the widespread use of landfill to a combination of recycling and energy from waste. This has been achieved through a gradual increase in the taxation of landfill over a period of 20 years. New and more efficient technologies have been taken up enabling the treatment of waste to contribute to the generation of electricity and heat. While the public sector has taken the lead on this process so far, there are now opportunities for “merchant” facilities to treat waste from businesses in a more sustainable and flexible way.

During this workshop, you will learn about future developments to the UK’s energy from waste policy, and the lessons we have learned from the past.

10 NOVEMBER

15.30–16.30

Climate readiness - Ocean based adaptation and mitigation

UK Green is GREAT Pavilion
Plymouth Marine Laboratory

A panel discussion on the current and future potential role of the ocean in adaptation and mitigation of climate change and potential uncertainties. These include protection, expansion and location of marine carbon sinks (blue carbon), use of small scale algal farming to enhance local fishers' adaptive capacity to ocean acidification, large scale capture and storage of CO₂ in strata below the seabed and how the ocean could be impacted by global warming reduction methodology.

The panel will discuss the potential for maladaptation and the need for transdisciplinary science based decisions.

17.00–18.30

Sea Level Rise, Cultural Heritage and Climate Mobility

UK Green is GREAT Pavilion
National Trust workshop
International National Trusts Organisation

When communities are displaced by climate change, how can their cultures and historic sites be conserved?

The many ways in which cultural heritage intersects with climate mobility will be presented by global experts, cultural leaders and traditional knowledge leaders.

UK Pavilion Event Details

11 NOVEMBER

10.00–11.15

Green Energy in the 21st Century: Sharing the UK's experience

UK Green is GREAT Pavilion
Department for International Trade

The UK is a global leader in energy efficiency technologies, and is now one of the least energy intensive economies in the developed world. The UK is committed to maximising the opportunity that cost effective renewable energy presents -jobs and investment, and in addition providing sustainable green energy that will underpin our long term economic prosperity. To achieve this, the UK Government strongly supports renewable energy as part of a diverse, low carbon and secure energy mix. Green energy solutions continue to enjoy consistently high levels of public support.

The panel will share insights and lessons learned from the UK's energy standards and expertise on energy efficiency.

14.00–15.00

Energy for Mines Workshop

UK Green is GREAT Pavilion
Department for International Trade

The energy, mining and renewables sector faces numerous challenges such as increased regulation, commodity price fluctuation, and environmental challenges. Reducing energy consumption and promoting the use of renewable energy comes through implementing strategies designed to reduce fossil fuels dependency and protect the environment. In this workshop, you will learn about green solutions that can help mining companies increase energy security and reduce their carbon footprint.

12 NOVEMBER

18.00–20.00

Networking reception with the Prime Minister's Trade Envoy to Morocco, Dr. Andrew Murrison MP

UK Green is GREAT Pavilion
Department for International Trade

The Reception will provide the opportunity for Dr. Murrison to meet and network with British, Moroccan and international companies. Dr. Murrison will speak about UK expertise and innovation across all areas of climate change mitigation. He will explain why the UK is one of the most attractive investment destinations in the world, and the No 1 destination for FDI in Europe.

14.30–15.30

E-recycling in Morocco

UK Green is GREAT Pavilion
E-recycling

E-recycling was started in Morocco by a young social entrepreneur, Camil Chaari. It offers individuals, companies and public institutions in Morocco a recycling solution for their electronic waste, such as computers, printers, mobile phones, ink cartridges and also batteries through the use of certified recyclers.

UK Pavilion Event Details

14 NOVEMBER

10.00–11.30

UK-Morocco Collaboration on Climate Change: The Case-study of a Developed Country Working with a Developing Country for Reduction of Carbon Emission

UK Green is GREAT Pavilion
University of Hull with Lord Prescott

The talk will showcase some of the collaboration currently underway for carbon reduction using renewable energy.

The Humber Estuary in the UK, also known as the energy estuary, has invested more than £7.6bn in off-shore wind energy with three of the world's largest wind farms on its door step. Companies such as Centrica, Siemens, Res Offshore, E.ON and Dong Energy have already set-up shop with Siemens to operate a blade assembly plant for wind turbines upwards of 6MW. The ambition of the region is to be a global leader in renewable energy. In this context the University of Hull has been collaborating with GreenPort Hull, Siemens and others to train highly qualified professionals in the area and to undertake research in various aspects of the off-shore supply chain to drive down the cost of renewable energy.

The talk will showcase some of the collaboration underway for carbon reduction using renewable energy.

14.00–16.00

Art from Recycled Materials by Artist Soukaina Aziz El Idrissi

UK Green is GREAT Pavilion
British Council

Textile artist Soukaina Aziz El Idrissi who uses recycling alongside mixed-media techniques and will present her work. Soukaina studied in the UK and is now working as an independent consultant working with the British Council on several design projects.

15 NOVEMBER

13.00–14.30

Practical Steps to Green Financing: UK Expertise in Working with Emerging Markets

Green Zone Conference Room 4
Department for International Trade
and City of London

The UK is a global leader on green finance innovation. The City of London has the world's biggest concentration of banking, insurance, asset management and legal and advisory services with expertise in green finance. Deepening the capacity to manage increased flows of green finance in international markets is key to supporting countries to deliver on their Paris emissions reduction pledges.

This panel event with leading UK government, private sector and NGO practitioners will be a key opportunity to share their expertise on how to grow the sector and attract the level of private finance required to shift to a low carbon economy.

16.30–18.00

Climate Change: What it means for the natural and cultural heritage and the cultures of the world

UK Green is GREAT Pavilion
International National Trusts Organisation

Global warming, leading to sea level rise and extreme weather events, is posing the greatest threat to the natural and cultural heritage of the world. The impacts of climate change are already having tremendous implications for the inspirational and beautiful buildings, landscapes and cultural heritage cared for by International National Trust member organisations.

The destruction of culture is a fundamental breach of the principle of intergenerational equity, in that a culture destroyed or diminished within the time of the current generation will deprive members of future generations of their right to their cultural inheritance.

UK Pavilion Event Details

16 NOVEMBER

10.30–12.00

Supporting Sustainable Palm Oil in Western and Central Africa

UK Green is GREAT Pavilion
UK and Liberia
Department for Business,
Energy and Industrial Strategy

The event aims to demonstrate progress with a public-private partnership supporting sustainable growth in West and Central Africa through a prosperous palm oil industry that brings jobs and wealth to local communities in a way that is environmentally and socially sustainable and protects the rich tropical forests of the region. The event will be co-hosted by the UK and Liberia. Nine Central and West African countries participating in the partnership will endorse a Regional Declaration for Responsible Palm Oil Development.

The event will include high-level participation from the private sector and remarks on behalf of the World Economic Forum.

12.30–14.00

The roadmap to mobilising US\$100 billion a year in climate finance

UK Green is GREAT Pavilion
UK and Australia
Department for Business,
Energy and Industrial Strategy

The UK, with Australia, have led developed countries to deliver a Roadmap to meeting the collective goal of mobilising US\$100 billion a year in climate finance for developing countries by 2020.

The Minister of State for Climate Change and Industry Nick Hurd and Australian Foreign Minister Julie Bishop will be presenting the roadmap:
<https://www.gov.uk/government/publications/climate-finance-roadmap-to-us100-billion>

14.30–15.30

Mobilising Private Finance in Africa; the Challenges and Successes in the UK's International Climate Fund

UK Green is GREAT Pavilion
Department for Business,
Energy and Industrial Strategy

The private sector is fundamental to reaching the \$100bn climate finance goal. The IEA estimates that around two thirds of the low carbon energy investment needed from 2014–2040, will be in developing countries. Countries across Africa are on a steep development path with rapidly growing populations, therefore much of this investment will need to flow to the continent to help their development fit with our low-carbon future. However, this finance isn't flowing at scale.

This expert panel will explore what the challenges are and how the UK is using their International Climate Fund to overcome these barriers to investment; exploring the successes and where there are still significant challenges.

16.00–18.00

What Gets Measured, Gets Managed: Green Impact Investing

UK Green is GREAT Pavilion
Department for International Trade
Aviva and the Green Investment Bank

The main focus will be on green bonds and how the financing by investors and businesses can be leveraged to ensure a timely and cost effective transition to a low carbon economy. How can member state governments encourage meaningful investment to implement the nationally determined contributions?

UK Pavilion Event Details

18 NOVEMBER

11.00–12.30

Launch of the Brazil 2050 Calculator

UK Green is GREAT Pavilion
UK's International Climate Fund
Department for Business,
Energy and Industrial Strategy

The 2050 Calculator is a uniquely transparent, accessible and interactive energy and emissions model originally developed by the UK Government to encourage a more evidence-based debate about the low-carbon future.

Join us as we debut the Brazilian version. Find out how Empresa de Pesquisa Energética (EPE) and the Federal University of Rio de Janeiro adapted the model, and what it shows about the future of energy in Brazil. This project is one of ten supported by the UK's International Climate Fund.

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AVIVA



www.aviva.co.uk

Aviva is one of the world's largest insurance and asset management companies, providing insurance, pensions, savings and investment products to 33 million customers across 16 countries in Europe, Asia and Canada. We are a long-term business and must also create long-term returns for our customers and shareholders.

Climate change is a long-term issue with very real near and mid-term impacts on both the insurance and asset management side. In July 2015, before the launch of the Paris Agreement and the UN Sustainable Development Goals, Aviva published Aviva's Strategic Response to Climate Change setting out the five pillars of our approach for acting on climate-related investment risk over the next five years (2015–2020). This set out the five pillars of our approach to tackling climate risk, built on our existing long-term approach to business and investment.

To coincide with COP22, Aviva is publishing an update on progress made in the first of our five-year climate strategy. We welcome, and are mindful of, the now rapidly evolving framework on climate-related disclosure and are planning to align future reporting to both the TCFD recommendations and the requirements of Article 173 of the French Energy Transition for Green Growth Law.

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CITY OF LONDON – GREEN FINANCE INITIATIVE



www.greenfinanceinitiative.org

The Green Finance Initiative (GFI) is a partnership initiative between the City of London and UK government departments to provide public and market leadership on green finance and promote London and the UK as a leading global centre for the provision of green financial and professional services.

GREEN INVESTMENT BANK

The logo for the Green Investment Bank features the words "Green", "Investment", and "Bank" stacked vertically in a bold, green, sans-serif font. The text is framed by two horizontal green lines, one above "Green" and one below "Bank".

**Green
Investment
Bank**

www.greeninvestmentbank.com

The UK Green Investment Bank was created by the UK Government, our sole Shareholder, which has provided us with initial capital to invest. We use this to back green projects, on commercial terms, across the UK and mobilise other private sector capital into the UK's green economy. Our investments help fund the creation of new, modern, green infrastructure across the UK.

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www.lgim.com

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Throughout the past 40 years we have built our business through understanding what matters most to our clients and transforming this insight into valuable, accessible investment products and solutions. We provide investment expertise across the full spectrum of asset classes including fixed income, equities, commercial property and cash. Our capabilities range from index-tracking and active strategies to liquidity management and liability-based risk management solutions.



Department for
International Trade

gov.uk/dit

The UK's Department for International Trade (DIT) has overall responsibility for promoting UK trade across the world and attracting foreign investment to our economy. We are a specialised government body with responsibility for negotiating international trade policy, supporting business, as well as delivering an outward-looking trade diplomacy strategy.

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