

Climate change impacts

The effects of climate change are being felt all over the world, from more extreme weather events, such as floods and droughts, through to sea-level rise. Smart businesses understand their exposures and are trying to adapt now

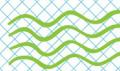
Climate change vulnerability

Top 10 at-risk countries

- 1 Bangladesh** Maplecroft rates Bangladesh as the country most at risk because of extreme levels of poverty and a high dependency on agriculture, while its government has the lowest capacity of all countries to adapt to predicted changes in the climate. In addition, Bangladesh has a high risk of drought and the highest risk of flooding.
- 2 India** Climate vulnerability could adversely affect India's appeal as a destination for foreign investment in coming decades. Almost the whole of India has a high or extreme degree of sensitivity to climate change, according to Maplecroft. This is compounded by a high level of poverty and agricultural dependency, it added.
- 3 Madagascar**
- 4 Nepal**
- 5 Mozambique**
- 6 Philippines**
- 7 Haiti**
- 8 Afghanistan**
- 9 Zimbabwe**
- 10 Myanmar**

Source: Geology.com and Maplecroft

By the numbers



£12bn

Figure that annual flood damage to buildings and property in the UK could rise as high as before the end of the century



27-121

Extra days every year that London could experience where the temperature rises above 26 degrees Celsius by the 2080s, compared with 18 days at present



580-5,900

Number of additional premature deaths per year by the 2050s, as hotter summers present significant health risks.



140%

Percentage that wheat yields could increase by the 2050s



2050s

Date by which the UK could experience major water supply shortages in parts of the north, south and east of England, with the greatest challenge in the Thames River basin



+7m sea level rise



Sky's 'closed loop supply chain'

British Sky Broadcasting (BSkyB), which sources 'rare earth' materials for its electronic equipment from many regions that are of greatest risk from severe weather as a result of climate change, is taking an inventive approach to reuse and recycle materials.

It hopes to create its own dependable 'closed loop supply chain' by reusing and recycling materials (especially precious metals) that are returned to Sky (via its engineers or freepost).

