

# NEWS HIGHLIGHTS July 23

Ian Hawker

Carbon Brief, CCC reports, BBC...

## **National Climate Adaptation Plan NAP3 17 July 23**

New proposals in the plan from government include:

- (1) Constructing new public buildings that are designed to deal with higher temperatures
- (2) Investing £15m in researching solutions to climate change
- (3) Piloting a new climate risk information service

*CCC Quote "NAP3 is an ineffective responses to the climate adaptation challenges with inadequate actions, insufficient scope & lacking ambition"*

Note: Full Climate Adaptation estimated to cost £20 billion per year

## **UK Offshore Wind**

The UK's second largest offshore wind farm powering 1m homes, has been approved by the government after a two-year wait. Hornsea Four will involve > 180 turbines stationed 43 miles off the coast of Yorkshire. The project will push the country towards meeting a target of 50 gigawatts of offshore wind power by 2030. Exposes the long duration times energy firms must face before consent is given to renewable projects

## **UK Battery Factory**

India's Tata Group to build an electric vehicle battery plant in Somerset to supply its Jaguar Land Rover production with an investment of 4 billion pounds creating up to 4,000 jobs + additional 3,000 supply Jobs. Planned opening 2026.

## **Extreme Heat & Wildfires in Europe**

Global warming leads to increased frequency & duration of extreme events. Heat in Southern Europe, US, India, China temperatures 40-50C due to (1) warmer oceans (2) Jet Stream lock-in (3) El Nino

## The War In Ukraine – UK Impact

Short term demand for fossil fuels + green technology development for the longer term

### Oil & Gas

Five oil-and-gas fields in the North Sea marked for accelerated development - Cambo, Murlach, Talbot, Affleck & Victory. Nearly 900 locations are being offered for exploration & 100 licences awarded.

*A future Labour Government promises to halt further oil exploration & accelerate green transition.*

*Horse Hill test case in Surrey challenge to future UK fossil fuel extraction*

### Wind Power

Ambition is x5 increase in wind power to 50 GW by 2030 with continued expansion to 2050.

Offshore with approval times cut from 4 years to 1 year *Labour to lift onshore ban*

Wind powered electricity nine times cheaper than current gas prices

### Solar Power

Grow UK solar power currently 14GW to 70GW including rooftops - TBA

### Nuclear

Increase UK nuclear from 16% to 25% by 2050 (x3 nuclear capacity)

Up to eight new reactors to be built on existing sites producing additional 24GW by 2050

West Burton selected as home of STEP fusion plant to prove low carbon electricity from fusion

### Hydrogen

Double UK hydrogen production to 10GW by 2030 (50% green hydrogen large coastal facilities)

### National Grid

Many solar, wind and local power schemes waiting for 10-15 years for connection to national grid