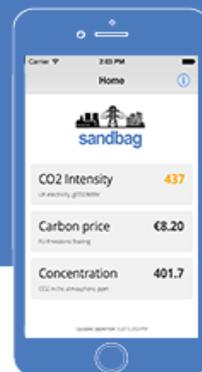




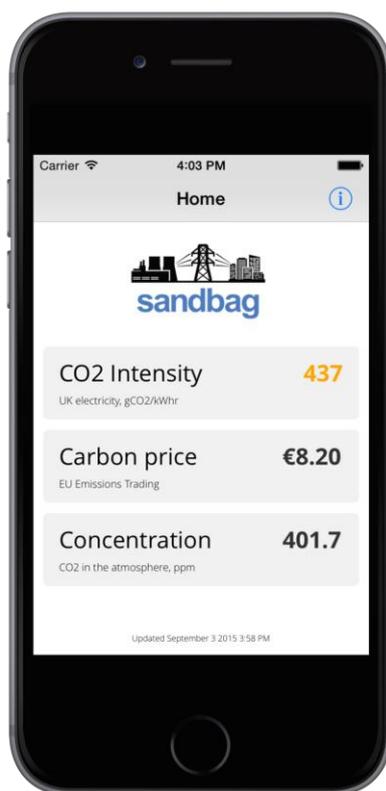
sandbag App Launch



**** Embargoed until 15.00 GMT Tuesday 8th September 2015 ****

Press Release: New app tracks the key numbers in climate change

[A new app released today](#) by the climate change policy thinktank Sandbag brings together the key numbers to watch for progress in fighting climate change. Foremost amongst them is the **carbon intensity of the power grid** (currently for the UK, with an intention to expand to other European Member States soon). No matter how much clean power is added to the grid in the form of renewables, nuclear, biomass etc., unless the most polluting coal plants can be taken offline as well, the transition to clean energy won't happen.



Sandbag's new app shows the current UK grid carbon intensity, plus a 24hour forecast. The app also includes the EU carbon price, and global atmospheric CO₂ concentration.

Grid CO₂ intensity

The app shows grid carbon intensity now, and forecasts the next 24 hours, allowing users to predict when electricity use will be cleanest. A breakdown of the balance between different generating types is provided, revealing current supply percentage for wind vs coal or solar vs gas.

EU carbon price

The app also includes the current and historical **EU carbon price**, showing how much a tonne of CO₂ pollution is worth on the EU Emissions Trading Scheme.

Global CO₂ concentration

Finally, the **global atmospheric CO₂ concentration** is given, showing the speed at which humanity is surging towards the 450ppm CO₂ 'danger threshold' that world governments have pledged to avoid.

****App launch - Tuesday 8th September ****

Join Sandbag and special guests at 15.30, Tuesday 8th September, Committee Room 3A, Houses of Parliament, London, UK

Juliet Davenport (CEO, Good Energy) on the changing nature of the UK grid. **Lord Oxburgh** (formerly Chairman of Shell) on decarbonising electricity. **Baroness Bryony Worthington** (Sandbag) on the future for carbon pricing. **Professor Chris Rapley** (UCL, and formerly Director of the British Antarctic Survey) on the importance of monitoring atmospheric CO₂ concentrations.

Bryony Worthington commented: *"The CO₂ intensity of our electricity supply is not getting the attention it deserves. By 2030, we need the total power supply to be around 50g/kWh, whilst the current average hovers around 400g/kWh. Quick gains can be made by preventing the UK's old, inefficient and unabated coal stations providing anything other than a short term back-up role."*

About Sandbag

Sandbag is a UK-based not-for-profit think tank conducting research and campaigning for environmentally effective climate policies.

Our research focus includes the phase-out of old coal in Europe; deep decarbonisation of industry through technologies including Carbon Capture Utilisation & Storage; reform of the EU Emissions Trading Scheme; and increasing ambition in the EU 2020 and 2030 climate & energy packages.

sandbag.org.uk

Contact

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*Sandbag Climate Campaign is a not-for-profit enterprise and is registered as a Community Interest Company under UK Company Law. Company #671444. VAT #206955986.
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