

Welcome to Aardvark's environmental news briefing

- **Hurricane Irma's epic size is being fuelled by global warming:** Tropical cyclones are fuelled by warm surface waters of around 26°C or more. They draw in moist air from all around them, and as it rises, the water vapour condenses out and releases latent heat, which drives further uplift. Irma's clouds are 20 kilometres high. (newscientist.com 06/09/2017)
- **Asia's glaciers to shrink by a third by 2100, threatening water supply of millions:** Asia's mountain glaciers will lose at least a third of their mass through global warming by the century's end, with dire consequences for millions of people who rely on them for fresh water, researchers have said. (theguardian.com 14/09/2017)
- **Nicola Sturgeon announces can and bottle deposit return scheme:** Nicola Sturgeon has announced a deposit return scheme for used drinks cans and bottles will be introduced in Scotland to tackle the rising tide of waste ending up in the countryside and seas. (Scotsman.com 05/09/2017)
- **Mars counters Trump's climate stance with \$1bn sustainability plan:** Confectionery firm also launches M&Ms renewable energy campaign as part of a growing corporate backlash against the US's decision to pull out of the Paris climate deal. (theguardian.com 06/09/2017)
- **Solar power deal will lower social tenants' energy bills:** Solar panels are to be installed in 800,000 low-income homes across England and Wales over the next five years, as part of a new government scheme. (bbc.co.uk 02/09/2017)
- **World's first tidal-generated hydrogen created on Orkney:** Created by the European Marine Energy Centre (EMEC) using electricity derived from tidal energy, this is the first time this experiment has been successfully carried out anywhere in the world. (energyvoice.com 13/09/2017)
- **The latest Contracts for Difference Results have been announced:** eleven projects have been awarded 15 year contracts across a range of less established technologies - together these projects could deliver at least 3.3GW of renewable electricity capacity. Competition in the auction has driven down prices against the last round with all strike prices across all technologies significantly lower than for new Nuclear Power, with technology advances in offshore wind projects 50% lower since the last auction was run in 2015. (gov.uk 11/09/2017)

And finally...

- **Swansea Uni study: African wild dogs 'sneeze to vote':** African wild dogs vote over pack decisions by sneezing, a new study has found. (bbc.co.uk 06/09/2017)

Latest news from the Aardvark team

Aardvark EM Ltd has recently helped 6 Solar PV sites gain accreditation from Ofgem to the Renewable Obligation Scheme resulting in a further 23 MWs of Solar PV capacity being added to the grid. Aardvark provided expert technical advice to answer Ofgem queries regarding the specifics details of each site's generation, deliver on their monthly HH data responsibilities and begin to receive their RO and REGO certificates. For all the Aardvark news go to www.aardvarkem.co.uk.

