

Welcome to Aardvark's environmental news briefing

- **We really can run the world on renewable energy – here's how:** Despite the popular belief that we are doomed because many politicians, for a variety of reasons, don't want to let go of fossil fuels. As such, they continue to support non-renewables and give only lip service to clean, renewable energy, preventing a rapid transition. (news scientist.com 23/08/2017)
- **Chile rejects iron mine to protect penguins:** The Chilean government has rejected plans for a billion-dollar mining project because it would disrupt sea life, including endangered penguins. (bbc.co.uk 22/08/2017)
- **Stretchable biofuel cells extract energy from sweat to power wearable devices:** A team of engineers has developed stretchable fuel cells that extract energy from sweat and are capable of powering electronics, such as LEDs and Bluetooth radios. The biofuel cells generate 10 times more power per surface area than any existing wearable biofuel cells. The devices could be used to power a range of wearable devices. (sciencedaily.com 22/08/2017)
- **Coal in decline: an energy industry on life support:** The pace of coal plants shutting down in Australia could mean the country's fleet could be gone before 2040. The transformation is enormous – and seems inevitable. (theguardian.com 19/08/2017)
- **Photosynthesis discovery could help design more efficient artificial solar cells:** A natural process that occurs during photosynthesis could lead to the design of more efficient artificial solar cells, according to researchers. (sciencedaily 29/08/2017)
- **In an era of dire climate records the US and South Asia floods won't be the last:** The 17th US gallons of rain (roughly 26m Olympic swimming pools) dumped on Texas by Hurricane Harvey has set a new high for a tropical system in the US, but it is unlikely to last long as rising man-made emissions push the global climate deeper into uncharted territory. (theguardian.com 31/08/2017)
- **Report: Almost 140 countries can switch to 100 per cent clean energy:** A team of US scientists have set out an ambitious roadmap they say will lead to 139 countries around the world switching to 100 per cent renewable power. (businessgreen.com 24/08/2017)

And finally...

- **Owl disrupts Avon and Somerset police's phone system:** An owl has caused serious problems for a police force's computer and phone systems after it flew into power cables. (bbc.co.uk 28/08/2017)

Latest news from the Aardvark team

Aardvark continue to provide Expert Witness support work to clients and legal teams in the waste, permitting and clean energy sectors. The latest instruction is in regard to potential feed contamination at an AD plant and the impacts this will have with regard to regulation by the EA and APHA. For all the Aardvark news go to www.aardvarkem.co.uk.

