

►The Renewable Event

Energy cost control and storage are some of the greatest problems facing all educational institutions. It is vital that universities and colleges are able to transition to a low carbon, sustainable economy through the use of renewables and new technology.

Jan/ 28/ 16 Chimneys Hotel and Conference Centre



Why are we here?

SUSTAINABLE INNOVATION





Our first event to offer a chance to discuss and digest the outcomes of COP21 and its implications for the sector. Potential to meet with and discuss the impacts on local councils and their development of climate and energy initiatives.

News: Analysis

Leaked letter: UK to miss renewables target

Energy secretary Amber Rudd is facing damaging accusations that she misled the public, following a letter leaked to The Ecologist predicting the UK's impending failure to meet legally-binding renewable targets



he letter, penned by Ms Rudd and sent to the treasury chief secretary and foreign and transport secretaries on October 29, sensationally reveals an alarming disparity between DECC's internal forecasting and its public statements.

DECC's own calculations predict a shortfall of 20 TWh (3.5 percent of total UK energy production) against the UK's target to generate 15 percent of its energy from green sources by 2020. The letter concedes that, in public DECC maintains the contrary view that the UK is very much on track to reach required levels of renewable generation by the end of the decade.

The UK runs the risk of facing legal action from both home and abroad, plus large fines imposed by The European Court of Justice. should the target it is legally mandated to meet not be achieved.

The energy secretary has attracted additional criticism for the letter's suggestion that renewable energy generated by other EU countries operating in excess of their targets could be purchased by the UK in order to overcome the production gap.

"There's no indication that all this would be cheaper than supporting renewables in the UK, which has Europe's best and most economic wind resource" said Dale Vince, Ecotricity founder.

This letter shows us the dark side of the government's incoherent energy policy in full technicolour

"Given the reason for Rudd's cuts to renewable energy support was cost, you'd think that ought to be a prominent feature of any discussion. Not only would paying other countries to build renewables for us cost more, but we'd also be exporting jobs and industry.

"It rather looks like DECC are panicking, faced with the inevitable consequences of the ideologically driven renewables cull - their plan A. Plan B appears to be either to pay the fines or to pay another country to do the job for us. Both options are short sighted and economically

Greenpeace head of energy, Daisy Sands, added: "This letter shows us the dark side of the government's incoherent energy policy in full technicolour. This is hugely shocking. But more deplorably, it is wilfully hiding this from public scrutiny.

"Perversely, we see that the government believes investing in renewable energy projects involving buying power from abroad is more desirable than supporting home grown industries."

The Solar Trade Association is calling for strong action on renewable heat, which provides a particularly low proportion of the UK's total energy needs and makes one of the lowest contributions in



Spot the difference: The energy secretary's revelation that the UK is to miss legally-binding renewable targets is at odds with her department's public pronouncements

Europe. This must be made an urgent priority, it adds, given the need to avoid a breach of legally-binding targets in just four years' time.

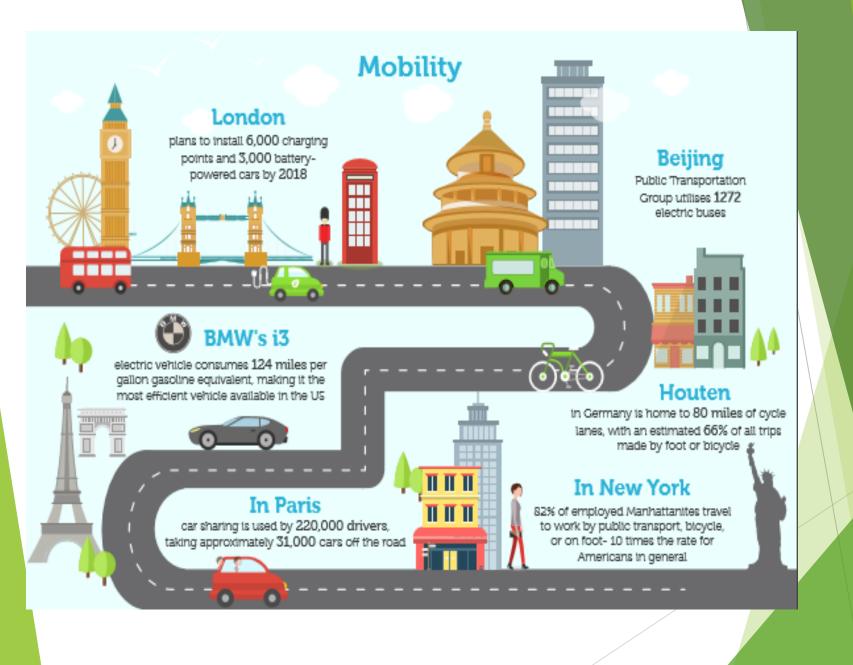
"There is plenty of scope to strongly ramp up renewable heat while providing a sensible framework to safeguard public investment in the British solar industry," said Leonie Greene, head of external affairs.

The plan appears to be either to pay the fines or to pay another country to do the job for us

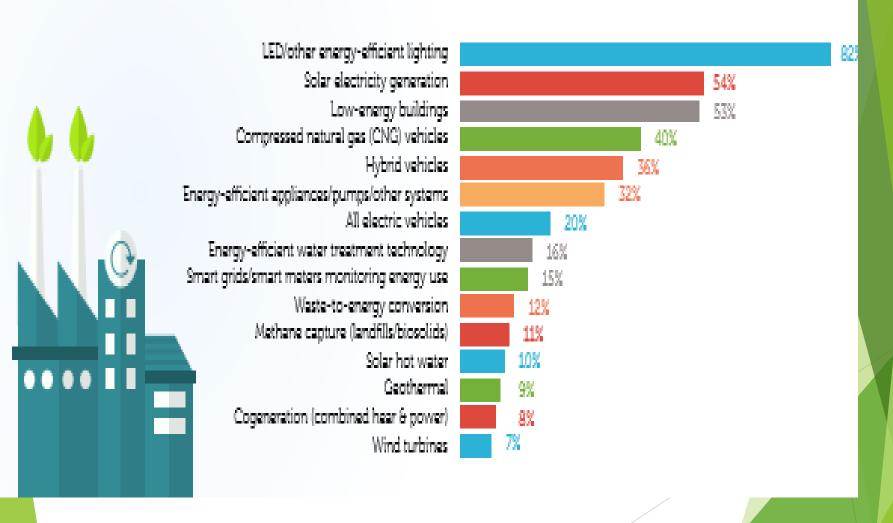
"We are not on track to meet 2020 targets, investor confidence has been severely damaged by recent policy chaos, the world is half way to dangerous climate change - the UK does not have a minute to waste"

The secretary of state herself said she would rather meet the target at home so why is she decimating our industry and looking for electricity from overseas?"





The most promising opportunities for reducing carbon emissions according to 282 US Mayors...



Finance



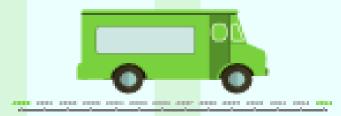
Gothenburg and Johannesburg have issued \$489 million worth of green bonds



40% of the £28 billion investment made by development banks in 2014 was in infrastructure, energy and the built environment



The €265 million European Energy Efficiency Fund (EEEF) supports public authorities in improving energy efficiency



Between 2000 and 2013, the EU invested €10.7 billion in public urban transport projects

Systemic Efficiency



London plans to switch 25% of its power generation to more efficient, local sources by 2017



\$1 trillion could be added to the global economy by 2025 if cities switched to a circular economy model

Putting Solutions into Practice...

Renewable Energy



Vancouver City

plans to utilise 100% renewable energy sources by 2050



Fechenhelm

power station in Frankfurt is powered by waste biomass, delivering electricity to 20,000 households



Seoul

has invested \$45 million dollars in installing solar PV panels on 285 public buildings

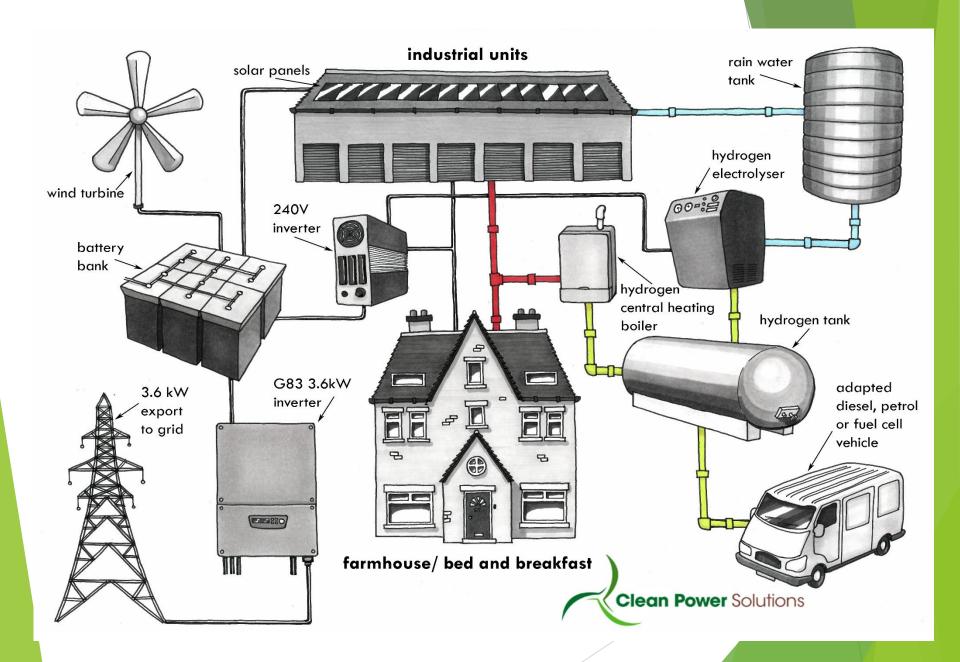


Goteborg

aims to develop 1TWh of sustainable biogas to supply 100,000 automobiles by 2020



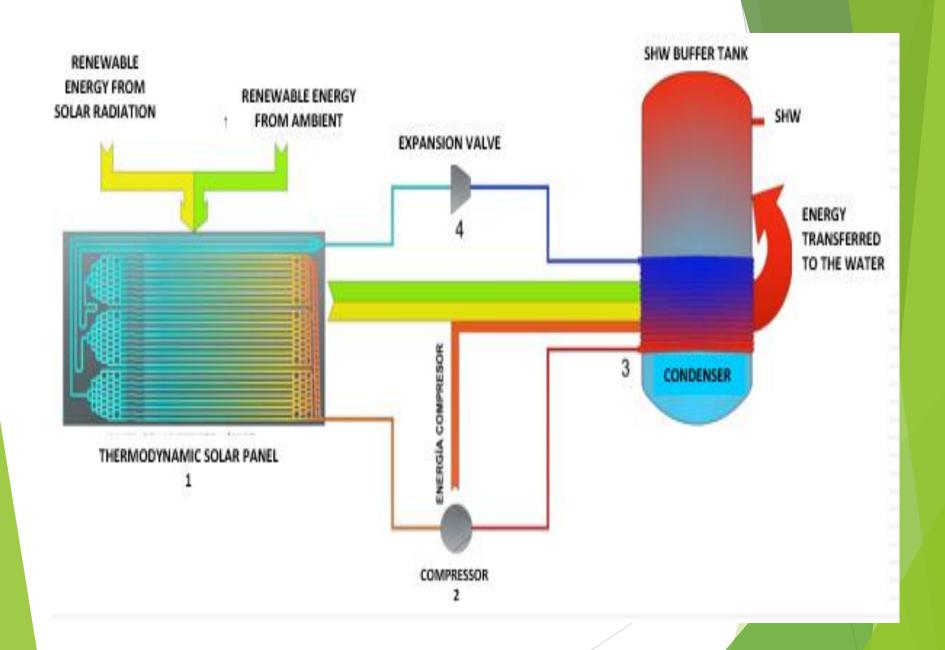




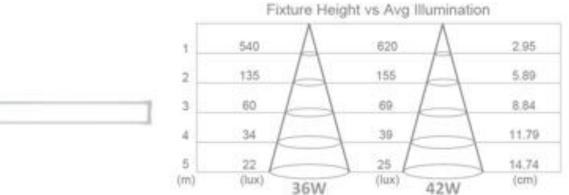




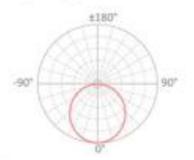
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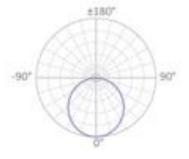
G587 | 1200×90mm Panel Light



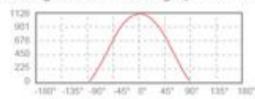
polar graph C0 / 180



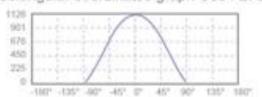
polar graph C90 / 270



rectangular coordinates graph C0 / 180



rectangular coordinates graph C90 / 270



GENERAL SPECIFICATIONS

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