

CNE hosted Jim McKenzie from Unity Power to present their new low carbon innovation:



Unity Power is a start-up building hardware and software that enables communication between smart appliances, renewable energy devices and the wider smart grid.

Unity Power's first product, the EMU™, is a home energy smart hub that binds all devices into one singular point of control, communication and monitoring. The EMU's cutting-edge software collects variable tariff pricing, weather and consumption data. Machine learning algorithms process the data to optimise energy usage and control energy storage to facilitate intelligent import and export strategies.

Using the EMU as a gateway, a peer-to-peer trading platform (the 'Unity Power Exchange') would give consumers and generators the ability to exchange power in their local community – unlocking new revenue streams and incentivising energy storage and further renewable energy deployment.

Cornwall New Energy is supporting Unity Power by bringing specialists together from across Cornwall to provide guidance and advice on the technology concept and funding opportunities to build and test the product.



Business Cornwall Sustainability Conference

On June 25 CNE attended the Business Cornwall Sustainability Conference as part of Cornwall Business Week.

There was an exciting line-up of speakers from different organisations, such as Beach Guardian, Finisterre and Conscious Creatives, as well as South West Water and Sustainable Direction Ltd.

A panel discussion was held in front of a large studio audience in order to stimulate thinking around the topic of commercial sustainability.



CNE ATTEND INNOVATION FOR BUSINESS EVENT

Cornwall New Energy attended the Innovation for Business event on June 26 organised by Plymouth University's Accelerate Through Innovation programme.

Curated by Acceleration Through Innovation (ATI) and featuring a unique line-up of innovators, business leaders, researchers and academics, we explored how forward-thinking SME's can incorporate innovation to not only secure their place in the future, but thrive in a fast moving and competitive landscape.

In addition to our world-class speakers, the conference also provided businesses with the opportunity to get involved in high level discussions, attend innovation workshops and experience demonstrations of emerging tech, such as robotics and immersive theatre.

CNE and Toshiba air source heat pumps seminar



Cornwall New Energy and **Toshiba** are coming together on the **31st July** to present a half day seminar on low carbon heating systems.

The seminar will cover how to work heat pumps into design plans, how to consider heating and hot water demand within new and retrofitted projects, and to better understand how heat pumps can be used to meet carbon reduction

targets. There will be an interactive Q&A session with the opportunity to ask technical and practical questions to the room.

A free buffet lunch will be served from 1pm.

The event is open and free to attend for any small or medium business in Cornwall and the Isles of Scilly, and to others by invitation only

CAN BUSINESS BE A FORCE FOR GOOD?

On 11th July, **Cornwall New Energy** attended an event at **Riverford Organic Farm** which asked the question: can business be a force for good? Riverford grows and delivers award-winning organic veg to 50,000 homes across the UK every week.

In June 2018, Riverford became an employee-owned business. Riverford's founder-owner chose this ownership model to: (i) protect Riverford's values, (ii) ensure its independence, and (iii) because he believes the employees are the best people for the job. One year on, Riverford are reflecting on the benefits brought about by employee ownership. It can radically transform what a business can do in terms of looking after its staff, protecting the environment and creating a joint vision for a collective future.



The evening included a panel discussion from Riverford founder (Guy Singh-Watson), co-founder of Aardman (David Sproxton) and founder of the community-owned Onion Collective Jessica Prendergrast.

Thank you to Riverford for an inspiring evening and delicious food.

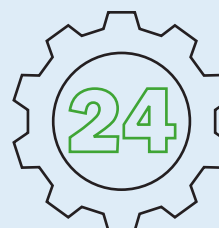
CORNWALL NEW ENERGY IN NUMBERS



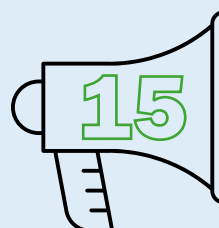
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