

Media release

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E.ON invests £4 million in Allume Energy to bring cleaner, more affordable energy to UK flats

- Cleantech company Allume is the developer of SolShare the world's first and only technology that directly connects multiple flats to a single rooftop solar system
- SolShare creates a fair way for people living in flats to benefit from solar energy to help lower bills

E.ON UK has today announced it has signed a strategic agreement to invest in Australian scaleup, <u>Allume</u>

<u>Energy</u>. The £4m investment will support the growth plans of Allume's SolShare technology, which breaks down the technical and ownership barriers that have historically prevented people living in flats from accessing free, clean energy from the sun.

Established in Melbourne, Australia, in 2015, Allume, enables solar energy from a single rooftop solar system to be shared fairly across multiple homes in the same building through its unique SolShare technology.

E.ON's strategic investment will help Allume to grow its presence in the UK, while contributing to E.ON's aim to deliver the transition to clean energy.

Historically, apartment residents have not been able to access the energy generated by the solar panels on their buildings. Allume's technology overcomes this problem by enabling the fair sharing of solar energy from a single rooftop solar PV system. SolShare delivers each resident's solar allocation when they're using energy, allowing households to benefit from lower bills.

Chris Norbury, CEO of E.ON UK, said: "Our investment in Allume is another important step towards making the transition to clean energy more inclusive. More than a fifth of British homes –

five million – are low and medium rise apartment buildings with rooftop space for solar panels, but no way of directly benefiting until now. And with about <u>one in six people</u> currently living in social housing we see an enormous opportunity to help people to lower their energy bills and reduce their carbon emissions, making solar more useful and affordable for the many, not the few."

SolShare takes the power generated from a single rooftop solar system and delivers the energy directly to each household within the building, ensuring all residents get a fair share by a predetermined allocation. This is done 'behind the meter' – where energy is generated and consumed in the same place – meaning residents maintain their choice of energy provider and no external changes are needed by suppliers or network providers.

In many large apartment complexes, solar energy powers just the common areas while tenants still foot their full electricity bill. SolShare's algorithm ensures solar energy consumption is maximised on site before any energy is fed back to the grid.

Allume's operations already cover Australia, the UK and the USA, with plans to expand further across Europe.

Cameron Knox, CEO of Allume, added: "People living in flats experience the highest fuel poverty rates in the UK, yet have historically been locked out of rooftop solar due to technical and ownership considerations. SolShare enables them to access free, clean energy from the sun. Working with E.ON UK offers a transformational opportunity for Allume to scale our existing offerings and create new models across Europe, where 300 million people live in low and medium rise apartment buildings."

A shared rooftop solar system can deliver between a 30% and 60% reduction in energy bills, a smaller carbon footprint, and give people greater control over their energy use.

To date, Allume has installed its SolShare system on over 6,000 homes worldwide, generating and sharing over 14 gigawatt-hours of green electricity to between connected homes. More than half of Allume UK's projects buildings are with social housing providers, as SolShare is one of the most cost-efficient methods of retrofitting ageing building stock and upgrading energy efficiency standards.

Case study

Sustainable property upscaling Bexhill-on-Sea residential home

E.ON took on an innovative sustainability project to revolutionise energy use and provide significant benefits for residents and the environment.

Fitted using ECO4 obligation funding, solar panels at The Belmont estate in East Sussex deliver 50kWp of power to 25 residents, also fulfilling the landlord's energy needs.

The 40,000 kWh of renewable electricity displaces 20,000 kg of CO2 each year.

The SolShare technology connects the shared solar system, enabling the equitable distribution of



power across the building, as well as individual monitoring of power use and export for each flat. This innovative approach reduces maintenance costs for communal areas and benefits individual apartment owners.

End

Notes to editors

About E.ON

E.ON's goal is to ensure the energy transition works for everyone. Through E.ON Next, E.ON Energy Infrastructure Solutions and npower Business Solutions, our mission is to help make energy more affordable and sustainable across homes, businesses, cities and communities.

Globally, E.ON is a major provider of energy solutions and clean energy networks with around 47 million customers across 17 countries. In the UK, we serve nearly one in seven households and businesses, and we are the UK's largest supplier of electricity to industrial clients.

eonenergy.com

About Allume

Allume's world-first solar-sharing technology, SolShare, unlocks solar for millions of people living in apartment buildings.

SolShares enables energy from a single rooftop solar system to be shared fairly between multiple dwellings within the same building.

This breaks down the technical and ownership barriers that have historically prevented apartment residents from accessing clean, affordable energy from the sun.

Allume is rapidly growing in Australia, Europe and the US, with customers including apartment residents, social housing providers and property developers.

allumeenergy.com

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