



# Unlocking Solar for Flats



New Build | Retrofit | Build-to-Rent  
Developers | Social Housing

# Benefits of Allume's SolShare



A cost-effective way to improve SAP and EPC ratings.



Tailored solar allocation to each flat to meet specific EPC goals.



Reduced energy bills for residents.



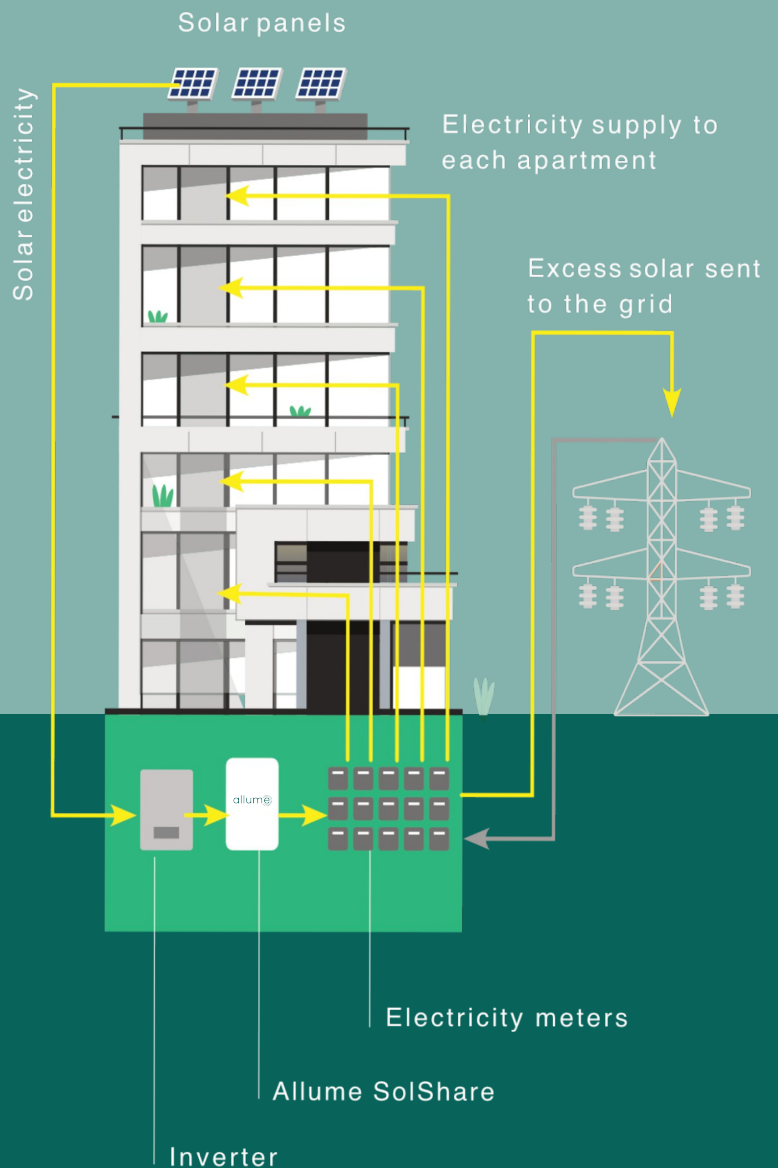
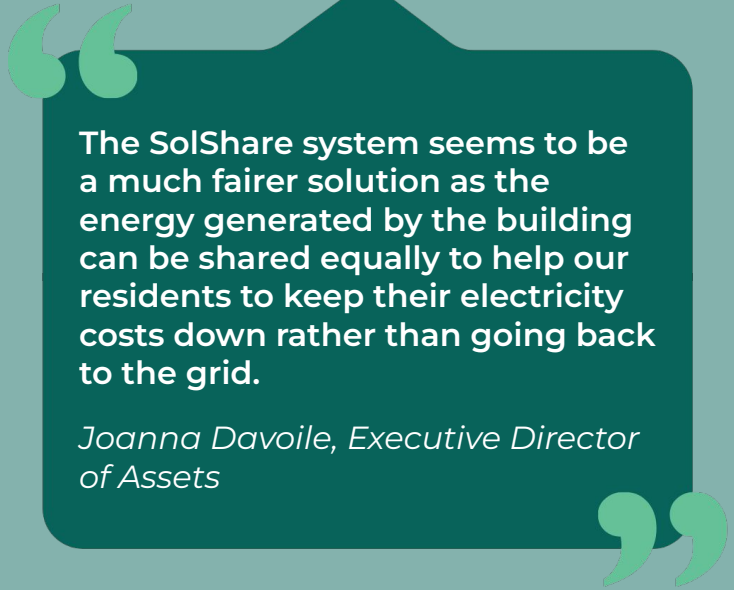
Fully automated energy and performance report sent directly to the asset owner available.



Retrofit funding available:

- SHDF
- HUG
- WH:SHF
- SHNZHF
- ORP
- ECO
- LLDC

SolShare is certified by Ofgem as a Substantial Innovation Measure, qualifying social housing for 45% more funding with ECO4.



# Tailorable Solar Allocation for Flats

By allocating the specific kWp of solar energy to each flat, you can add the exact SAP points required to achieve your EPC goals.



## Why customise kWp allocation:



Reduce costs and require less roof space by needing less panels.



It's a simple and highly effective tool to solve SAP and EPC disparity across the building.



SolShare maximises the efficiency of your solar PV system.

This table shows how modular house builder TopHat have specified the exact kWp to each flat to bring them all from a varying EPC C to a level EPC B.

Flat Type	Without SolShare		With SolShare			
	SAP Rating	EPC Band	kWp Allocation	SAP Score Increase	New SAP Rating	New EPC Band
2 Bed Top Floor	72	C	1.5	9	81	B
2 Bed Mid Floor	77	C	1	5	82	B
2 Bed Ground Floor	72	C	1.6	9	81	B
1 Bed Top Floor	76	C	1	6	82	B
1 Bed Mid Floor	80	C	0.5	2	82	B
1 Bed Ground Floor	75	C	1	7	82	B





# About SolShare

SolShare enables the direct connection of multiple flats to a single rooftop solar PV system. This breaks down the technical and ownership barriers that have historically prevented apartment residents from accessing cheaper and cleaner energy from the sun.



**5-15 Points**

increased SAP &  
EPC rating



**up to 60%**

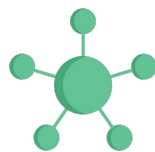
lower energy  
bills



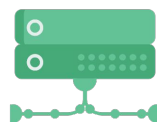
**CO<sub>2</sub>**

reduced carbon  
footprint

## How it Works



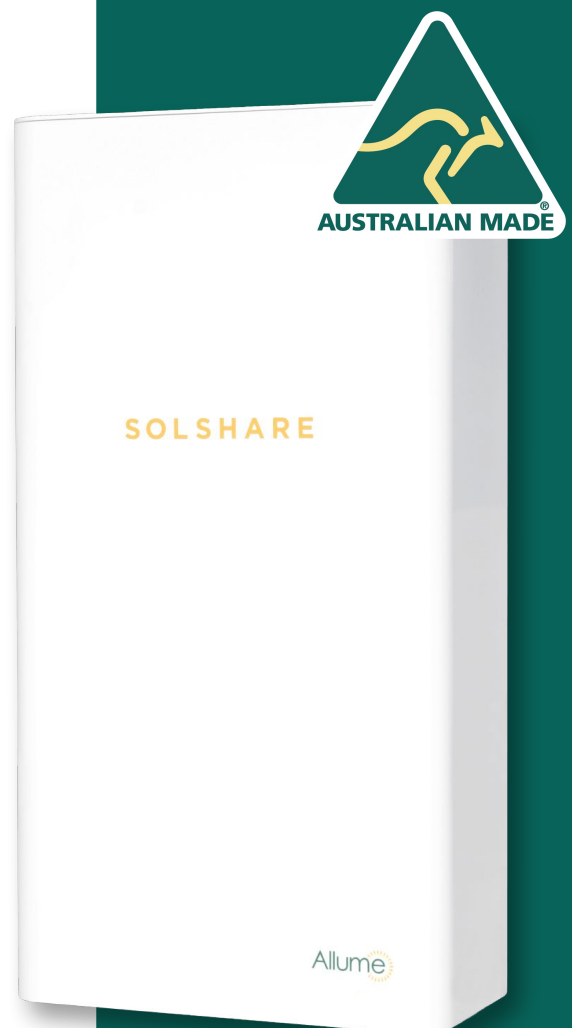
Creates a direct connection of solar PV to multiple flats, behind-the-meter.



Allows you to specify the exact kWp each flat receives based on their SAP and EPC requirements.



Sends solar power to each resident when they need it, maximising their bill savings.



# SolCentre

## Allume's Automated Data Platform

Maximise the value of your SolShare with SolCentre's comprehensive energy monitoring and performance reporting. SolCentre is an energy management solution that's completely automated with quarterly energy performance reports sent directly to your inbox.

### Benefits of SolCentre



SolCentre provides you with the assurance that the system is operating and performing appropriately.



Fully automated report sent directly to your inbox.



Offers insights into energy consumption and performance metrics.

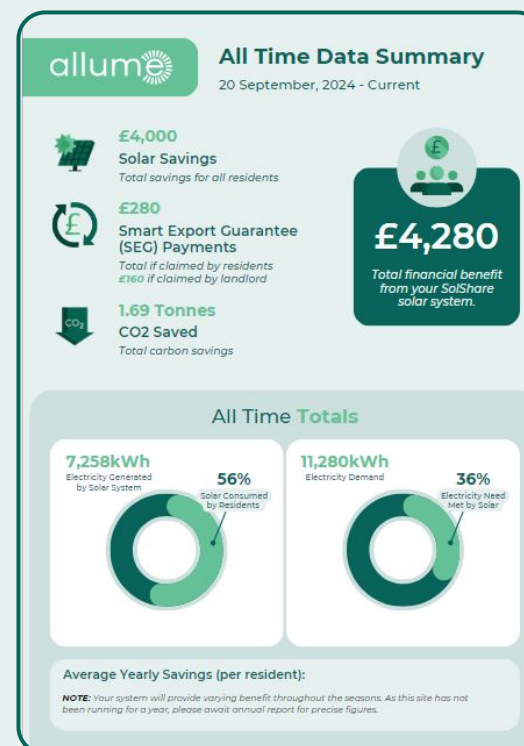
### Included in your reports:

- Full energy data for every flat
- Bill and CO2 savings for every flat
- System faults and underperformance alerts

### Use SolCentre to reduce your system OPEX





Leveraging AI, SolCentre proactively monitors your system's performance, detecting faults and underperformance issues in real-time. Remove the guesswork with maintenance with SolCentre informing you what and when your system requires attention.

**Get in touch with the team to learn more**







# Case Studies

## New Build | Kent, UK





-  30 flats
-  2 - 9 tailorable SAP point increase
-  £200-£250 yearly bill savings per flat
-  7 tonnes of CO<sub>2</sub> saved



## Retrofit | Bexhill-on Sea, UK

-  27 flats
-  11 tailorable SAP point increase
-  £340-£420 yearly bill savings per flat
-  11 tonnes of CO<sub>2</sub> saved

## Solar + Batteries | Barry, UK

-  35 flats
-  8 tailorable SAP point increase
-  £310-£380 yearly bill savings per flat
-  11 tonnes of CO<sub>2</sub> saved



This is an exciting first-of-its-kind project for Wales and exactly the type of thinking we need to see within the housing sector.

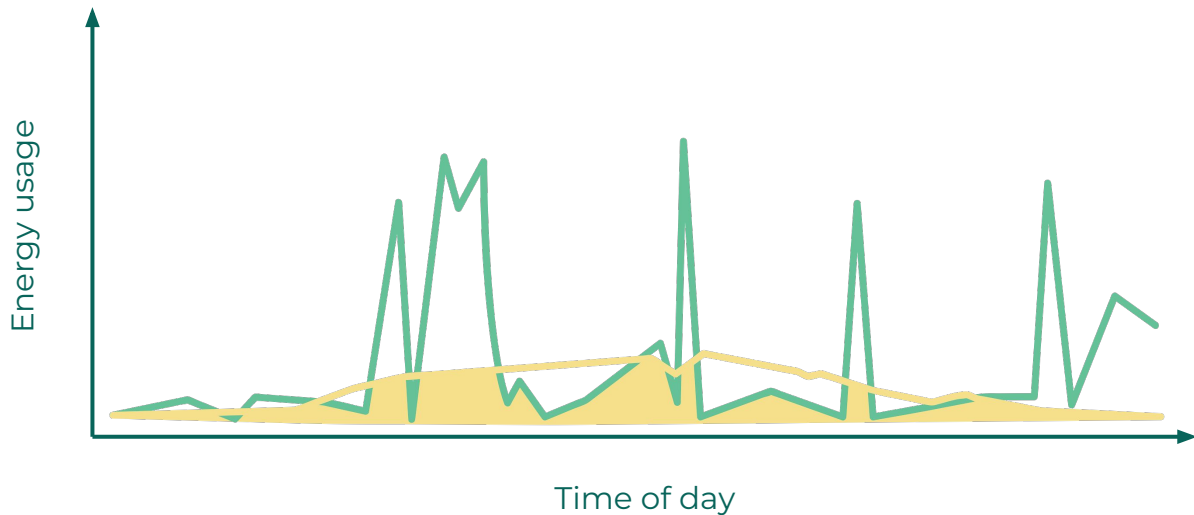
*Julie James, Climate Change Minister, Wales*

KEEP READING



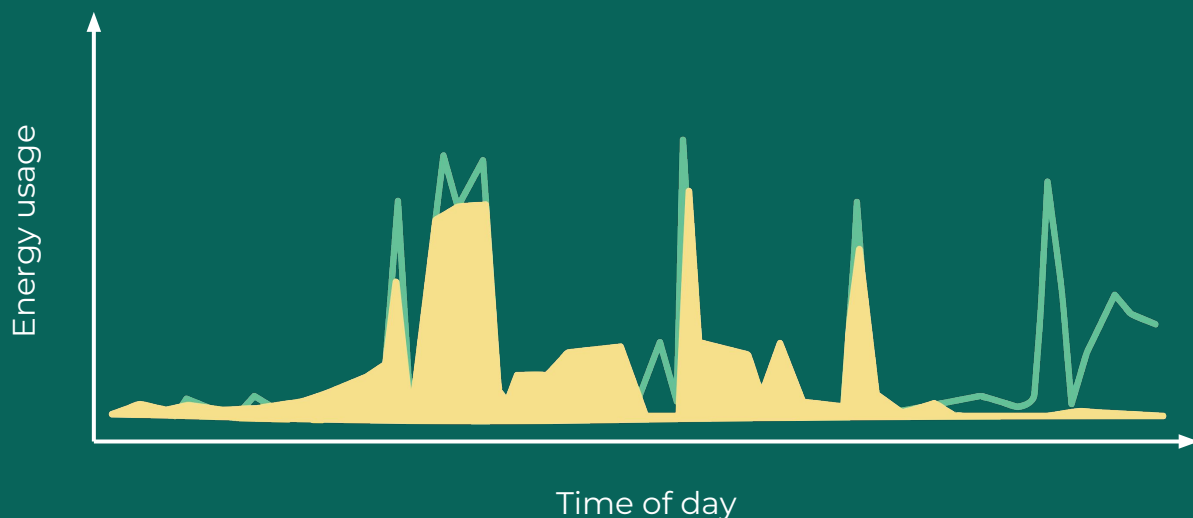
## Traditional Solar System - Solar Delivery

Graphs show energy demand vs. solar delivery with a single solar system delivering to a single household. Most of the energy is fed back into the grid.



## SolShare Solar System - Smart Delivery

SolShare feeds electricity to flats when they are using it throughout the day, resulting in **71% solar consumption**. This translates into 50% higher bill savings compared with a traditional solar system.



# Get Started

Allume can provide a free assessment on your portfolio, that will include indicative bill savings, SAP/EPC uplift, indicative costs or how much funding is available.

**If you're a property developer, please contact:**



## Peace Moremong

Business Development Manager (UK)

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**Book a meeting**

**If you're a social housing provider, please contact:**



## Dave Thomson

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**Book a meeting**



## Ramin Hakimov

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**Book a meeting**



**Housing Digital  
Innovation Awards  
Winner**



**Energy Innovation  
Awards  
Winner**



**Start Up Energy  
Transition Awards  
Winner**



**Carbon Neutral  
Awards  
Winner**



**Clean Energy Council  
Innovation Award  
Winner**