

# BE-FASTER:

Building Energy Flexibility at Scale for Trading and Earning of Revenues

Eureka ITEA 4 Cluster

D5.2 Carbon Savings Dashboard

March 2026



# WP5: Carbon and Energy Savings

- Now integrated into the BE Platform
- Will be tested with real sites in Q8/Q9. As a carbon result on the dashboard and if carbon flexing on its own will be 'a thing'.
- Ofgem moving towards half hourly carbon reporting.
- So, carbon trading itself might become of value in the future.

# Platform demo

The screenshot displays a Microsoft Teams meeting window titled "Bank Energi and ETS". The meeting controls at the top include "Take control", "Pop out", "Chat", "People", "Raise", "React", "View", "More", "Camera", "Mic" (highlighted with a red box), "Share", and "Leave". The time is 58:43.

The main content is a web browser window showing the "Bank Energi | Demand Resiliency Platform" with the "Carbon" dashboard. The dashboard includes:

- Carbon Intensity:** 74 gCO<sub>2</sub>/kWh (Low Intensity). A "NEXT SLOT" forecast shows 74 gCO<sub>2</sub>/kWh for 12:00 - 12:30.
- 0.00 kg:** Net Carbon Savings (Total CO<sub>2</sub> avoided).
- 0 kWh:** Energy Reduced (During flex events).
- 0.0%:** Avg Intensity Reduction (Dispatch vs recovery).
- 0:** Total Dispatches (0 with calculations).

A "48-Hour Carbon Intensity Forecast" line chart is shown below, plotting gCO<sub>2</sub>/kWh against time from 0:00 to 24:00. The chart includes a legend for intensity levels: Very Low, Low, Moderate, High, and Very High.

On the right side of the Teams window, there are three video thumbnails: Phil Warren (ETS), Andrew McKenna (placeholder), and another participant.

At the bottom of the Teams window, the name "Andrew McKenna" is visible in a label.

Carbon intensity  
calculator

# Platform demo

**BankEnergy and ETS**

01:01:08

Take control | Pop out | Chat | People | Raise | React | View | More | Camera | Mic | Share | Leave

BankEnergy | Demand Flexibility Platform

BankEnergy | Carbon

Find Optimal Windows

Recommendation

Excellent recovery opportunity at 3/11/2026, 9:30:00 AM with very low carbon intensity (32 gCO2/kWh). This offers 32% better carbon efficiency than average.

47 Windows Analyzed | **32.6%** Better Than Average | Avg gCO2/kWh: 47

Top 5 Recovery Windows

Rank	Start Time	End Time	Duration	Carbon Intensity (gCO2/kWh)	Savings vs Worst
1	Wed 11 Mar, 09:30	00:00	15.0 hours	32	~36.3% vs worst
2	Wed 11 Mar, 09:00	00:00	15.0 hours	34	~30.6% vs worst
3	Tue 10 Mar, 23:30	00:00	11.0 hours	36	~24.9% vs worst
4	Tue 10 Mar, 22:30	00:00	10.0 hours	37	~23.2% vs worst
5	Wed 11 Mar, 08:30	00:00	15.0 hours	37	~23.2% vs worst

ETS

Phil Warren

Andrew McKenna

Andrew McKenna

Carbon intensity predictor



BE-FASTER

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