

SESSION 3: WHAT'S NEXT FOR NET ZERO?

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Midlands Net Zero Hub



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WHAT'S NEXT FOR NET ZERO?

SAMANTHA SHEA

HEAD OF POLICY INSIGHT AND ENGAGEMENT



Gemserve

MAKING THINGS THAT MATTER WORK BETTER FOR EVERYONE



IT'S GOING TO BE A BUMPY RIDE

WE'VE FELT A FEW OF THEM RECENTLY



NEWS
Home | Cost of Living | War in Ukraine | Climate | UK | World | Business | Politics | Culture | Tech
England | Local News | Regions | Liverpool

Ellesmere Port hydrogen heating trial scrapped after protests

© 11 July

Could Rishi Sunak's green review threaten UK net zero?

© 20 September · Comments

COP28



edie
Sustainability | Net-Zero | Bus

News | Topics | Net-Zero Awards (NEW) | edie Awards 2024 | Mission Possible | Podcast

Heat pumps and EVs still too expensive for the majority of Brits, survey finds

Just one in ten UK-based adults earning around the average salary are considering a heat pump purchase, even with grants on offer from the UK Government.

UK ministers scrap energy efficiency taskforce after six months

Group tasked with overseeing initiative to insulate homes and upgrade boilers was only set up in March

● **"The worst kind of culture war": Tories attack Rishi Sunak's reversal on net zero**





BUT... THERE IS REASON FOR OPTIMISM!

UK and Germany partner to further advance hydrogen developments

UK and Germany sign agreement to help accelerate the development of an international hydrogen industry.

From: [Department for Energy Security and Net Zero](#) and [Lord Callanan](#)
Published 26 September 2023



Minister for Energy Efficiency and Green Finance Lord Callanan and State Secretary for Energy Philip Nimmermann.



Making heat pumps cheaper and easier to install



12,000
new training places to help build a skilled green workforce

UK government announces £4m AI funding to cut carbon emissions

16 August 2023 NEWS Business Matters



Press release

Industry and government agree to seize the “immense opportunities ahead” as Britain builds a world-leading energy sector

Energy firms met today with Secretary of State Grant Shapps during Energy Week to strengthen the UK's plans for energy security and economic growth.

Next wave of SHDF will help 9,500 homes, energy secretary says

NEWS 02.10.23 5.30 PM BY JAMES RIDING

The latest wave of the government's Social Housing Decarbonisation Fund (SHDF) will help 9,500 homes save around £240 a year on their bills, the energy secretary has said.



£8.85 million
for skills to boost home energy efficiency and drive down bills



NET ZERO BY 2050

**WE KNOW WHERE WE WANT
TO BE**



HOW ARE WE GETTING THERE?

Energy Levies
consultation

Boiler Upgrade Scheme
improved

Great British Insulation
Scheme launched



Implementation of
Future Building /
Homes Standard

BUS approved funding
of £450m up to 2025

HUG fund closes

2023

2024

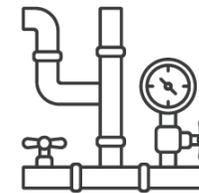
2025

HUG and SHDF proving
popular with additional
funding announced

Building regulations /
SAP consultations



Clean Heat Market
Mechanism



Heat Network zoning
£338m to be invested in
heat network
transformation

Heat network regulation

Heat Network Efficiency
Scheme



HOW ARE WE GETTING THERE?

Decision on hydrogen heating

Boilers to be hydrogen ready

Delayed 2026 ban on off-grid oil boilers to 2035 (80%)



Start of new carbon budget (1,725 MtCO₂e)

600,000 heat pump installations per annum

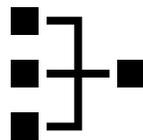
2026

2027

2028



ECO and Great British Insulation Scheme closes



GHNF support drawn down through to FY 2026/27

HOW ARE WE GETTING THERE?



2029



Ambition to improve private rented homes to EPC Band C by 2030 – not regulated

Ambition for non-domestic buildings to meet EPC band B – not regulated



Hydrogen heated town

2030



80% phase-out of installation of gas boilers by 2035



ZEV mandate for new cars and vans moved 2035

Beyond to 2050



GEMSERV

COLLABORATION IS CENTRAL



THANK YOU

ANY QUESTIONS, PLEASE CONTACT
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INVESTORS IN PEOPLE®
We invest in people Gold



MICHAEL GALLAGHER

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