



PGES

All-Party Parliamentary Group
for Energy Studies
Founded in 1980

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PGES Energy Bulletin

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Transport and Heat towards net zero

On the day that the Prime Minister announced his 10 point plan for a green recovery, PGES heard from speakers on the plans and progress for hydrogen to supply transport and heat.

Prime Minister's 10 point plan

1. **Offshore wind:** Producing enough offshore wind to power every home, quadrupling how much we produce to 40GW by 2030, supporting up to 60,000 jobs.
2. **Hydrogen:** Working with industry aiming to generate 5GW of low carbon hydrogen production capacity by 2030 for industry, transport, power and homes, and aiming to develop the first town heated entirely by hydrogen by the end of the decade.
3. **Nuclear:** Advancing nuclear as a clean energy source, across large scale nuclear and developing the next generation of small and advanced reactors, which could support 10,000 jobs.
4. **Electric vehicles:** Backing our world-leading car manufacturing bases including in the West Midlands, North East and North Wales to accelerate the transition to electric vehicles, and transforming our national infrastructure to better support electric vehicles.
5. **Public transport, cycling and walking:** Making cycling and walking more attractive ways to travel and investing in zero-emission public transport of the future.
6. **Jet Zero and greener maritime:** Supporting difficult-to-decarbonise industries to become greener through research projects for zero-emission planes and ships.
7. **Homes and public buildings:** Making our homes, schools and hospitals greener, warmer and more energy efficient, whilst creating 50,000 jobs by 2030, and a target to install 600,000 heat pumps every year by 2028.
8. **Carbon capture:** Becoming a world-leader in technology to capture and store harmful emissions away from the atmosphere, with a target to remove 10MT of carbon dioxide by 2030, equivalent to all emissions of the industrial Humber today.
9. **Nature:** Protecting and restoring our natural environment, planting 30,000 hectares of trees every year, whilst creating and retaining thousands of jobs.
10. **Innovation and finance:** Developing the cutting-edge technologies needed to reach these new energy ambitions and make the City of London the global centre of green finance.

PGES Speaker Meeting today: Transport and Heat towards net zero (N^{os} 2 & 7)

Speakers:

Bob Moran - DfT, Head of Environment Strategy

Heidi Genoni - Arup, lead on in Hy4Heat, involved in Project Cavendish and other H2 projects

Mark Selby – CTO Ceres Power, fuel cells and H2

Tim Harper – CEO Element2, building H2 refuelling stations for vehicles (HGV and domestic)

Angela Needle – Director of Strategy Cadent, network supply

[Notes and summaries provided by the speakers at the meeting can be found on the PGES website.](#) A recording of the meeting will be available soon.

PGES

Officers

Alan Brown MP; Julie Elliott MP; Taiwo Owatemi MP;
Jim Shannon MP; Alexander Stafford MP
The Rt Hon Lord Hunt of Kings Heath OBE; Lord Oxburgh;
Lord Ravensdale; Lord Redesdale, The Rt Hon. Lord Whitty