

PGES PRESENTATION 17TH NOVEMBER 2020

- What is Element 2 Ltd?
 - E2 Breaks the chicken/egg situation with hydrogen for transport
 - Addresses supply/demand synchronicity issue
 - Targeting freight transport not passenger vehicles
 - Focus on North & Scotland
 - Aims to build 2000 Hydrogen Refuelling Stations by 2030

- Our USP
 - Uses the best available technology to create refuelling stations
 - Not dependent on fuel cell vehicles – we also supply to converted vehicles
 - Range of H₂ supplies to provide best balance of green and cost
 - Management team from fuel cells, energy supply and policy

- Transport Demand Stimulates supply side technologies
 - “It’s bang for buses and grunt for trucks”
 - Acting now to accelerates uptake rather than responding to the market
 - Accelerates move from grey/blue to green
 - E.g., offshore wind, waste to hydrogen from plastics, biogas

- Transport is an early application that addresses Net Zero
 - Fleet conversion is an intermediate step
 - Local Benefits
 - Early adopters in local government
 - Leads to fleet conversions
 - 350,000 HGVs saving 785 million tonnes of CO₂ by 2025
 - National Benefits
 - Addresses decarbonisation of transport objectives
 - Progress to Net Zero

- Policy Ask
 - Subsidise vehicle conversions not fuel
 - Provides an incentive for fleet conversions not wholesale replacement
 - Gradual shift to H₂ more financially attractive to operators
 - Local vehicle conversions create jobs and expertise in the UK, and stimulate local H₂ economies
 - Early start enables the UK to become a global leader in the hydrogen for transport sector while others wait for FCEVs and green hydrogen