

National Planning Framework 4 Call for Ideas

1. What development will we need to address climate change?
 2. How can planning best support our quality of life, health and wellbeing in the future?
 3. What does planning need to do to enable development and investment in our economy so that it benefits everyone?
 4. What policies are needed to improve, protect and strengthen the special character of our places?
 5. What infrastructure do we need to build to realise our long-term aspirations?
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Answers to the above:

- 1) A Hydrogen economy and as a fuel source is vital to fast track decarbonisation of commercial, public and distribution transport, as well as agriculture.
- 2) Planning for a Hydrogen economy will not only benefit the public's health and quality of life but also ensure a green future which Scotland can be the forefront of. Investing in this area is vital for the Scottish SME base to grow within the policy competitive advantage set by Scottish Government concerning the decarbonisation of transport. Wealth creation within Scotland is more feasible from design and manufacture of high value products and services from Hydrogen, as opposed to imported battery products from predominately the Asian market.
- 3) Hydrogen is a vital source of clean energy and transport resilience in Scotland. Development in this space can increase value in export, local manufacturing, which in turn creates high value jobs and an increase in GDP for the entirety of Scotland. All the while being a vital global partner in curtailed renewable energy monetisation and distribution, which for Scotland can have a direct injection upwards of £500M into the economy. Growing global demand for rare earth materials and traditional battery technologies, presents a clear and significant risk to vital energy services in Scotland. The manufacture of high-pressure density hydrogen fuel tanks within the hydrogen supply chain provides sustainability and national resilience to our energy service needs.
- 4) A broader and easily defined public understanding of what it will take to be carbon neutral will need to be put in place.
- 5) To realise a Hydrogen economy for the de-carbonisation of commercial and public transport, there must be enough distribution infrastructure in place such as hydrogen re-fuelling stations and inward investment into the manufacture of storage for hydrogen. Without those two major points there can be no Hydrogen Utilisation.