

## Motions

<b>Motion number</b>	4
<b>Name of the person introducing the Motion to the GA</b>	Chris Whitwood
<b>Member party</b>	Yorkshire Party
<b>Title [of the Motion]</b>	Supporting the Development of Green Hydrogen Energy
<p>Considering:</p> <ul style="list-style-type: none"> <li>a) the urgent need to end our reliance on fossil fuels and decarbonise the energy sector in order to address the climate crisis,</li> <li>b) and to combat the rise in energy prices, particularly with regard to oil and gas, as a result of post-Covid economic uncertainty and the Russian invasion of Ukraine,</li> </ul> <p>the European Free Alliance calls on the EFA Bureau to:</p> <ol style="list-style-type: none"> <li>1. support the development of green hydrogen, produced by electrolysis and renewable electricity, as a key energy vector to achieve the decarbonisation of hard-to-decarbonise sectors, such as heavy industry, certain modes of transport and home heating.</li> <li>2. include advocacy for green hydrogen in future EFA manifestoes as a sustainable alternative to fossil fuels alongside references to wind and solar energy.</li> </ol> <p>Reasoning:</p> <p>On 7th April EFA/Green MEPs voted for a full embargo on Russian imports of gas, oil, coal and nuclear fuel. It is therefore vital that governments and organisations across Europe invest in clean and reliable alternative sources of energy, not only to strengthen European energy security but also to tackle the global climate crisis. The urgency surrounding energy security presents an opportunity to overcome some of the political obstacles highlighted in previous research, such as ‘The Future of Sustainable Energy’, published by the Coppieters Foundation.</p> <p>The 2019 European Free Alliance Manifesto states that “the EFA favours an energy policy that prioritises energy efficiency and renewable generation”. Renewable sources of electricity [such as wind, solar or hydroelectricity] are important. However, there are sectors where electrification may not be the most efficient solution.</p> <p>Green hydrogen is an important solution to achieve deep decarbonisation of hard-to-electrify sectors such as transportation, industry and buildings.</p>	

Techniques such as hydrogen blending, which introduces 20% hydrogen into gas networks, provides an opportunity for a significant and rapid reduction in natural gas use in the short term. For the longer term, green hydrogen offers energy solutions with a higher efficiency rate than that associated with transmission of electricity, in line with EFA's manifesto pledge of prioritising renewability and efficiency.

In summary, this motion calls upon the European Free Alliance to recognise and support the benefits of green hydrogen as a key solution, alongside and complimentary to renewable electricity generation, in order to achieve a secure and environmentally sustainable energy future.