HyHeb Power-to-Gas Project

- Wind Farms can generate more electricity than can always be used!
- HyHeb wants to use this excess electricity to power the local hospital
- HyHeb can supply the hospital’s electrical and heating requirements and deliver high quality Oxygen
- Hydrogen that is produced will charge fuel cells which will deliver power when there is no wind
- The hospital will be able to massively reduce their carbon footprint and be environmentally friendly while saving money in the process

- Wind will be used from a dedicated local turbine
- Power will be transmitted on a private electricity line
- The turbine will produce enough electricity for the whole hospital and also power the heating system
- The remaining power will be used to run an electrolyser which will provide hydrogen to power fuel cells which can be used in the event of no wind or a power cut
- The electrolyser will also produce high quality oxygen which the hospital can use
- The remaining hydrogen will be pumped directly into the local gas network
- The local electrical supplier will utilise any remaining hydrogen to reduce their dependency on fossil fuels

Hydrogen is: Green
Safe
Reliable
Hydrogen Fuel (for) IS the Future

- Imagine a fuel whose only exhaust is water
- Imagine a Green way to produce high quality Oxygen
- Imagine a fuel which produces Hydrogen for our gas network
- Imagine not needing to rely on fossil fuels
- Imagine if you could heat your homes for free
- Imagine if this whole process could be powered by wind farms
- Imagine a fuel which is safe and will last a very long time

Sound to good to be true?

For Those Who Work With Hydrogen

THIS IS A REALITY!