

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 foot print 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 too good to be true?

**For Those Who Work With Hydrogen
THIS IS A REALITY!**