

Energia Group

Invest NI - Hydrogen Innovation Opportunity

energía

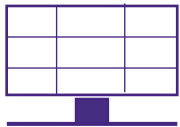
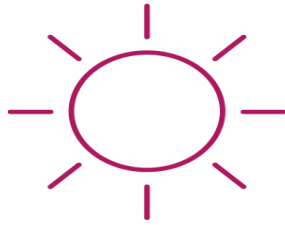
30th May 2024

Energia Group

50MW Battery storage plant



Various solar farms in development in Co. Meath and Dublin



Offshore wind development



16 onshore wind farm sites, which generate over 357MW of green electricity, and an additional 1247MW through Power Purchase Agreements, or PPAs



EV Charging

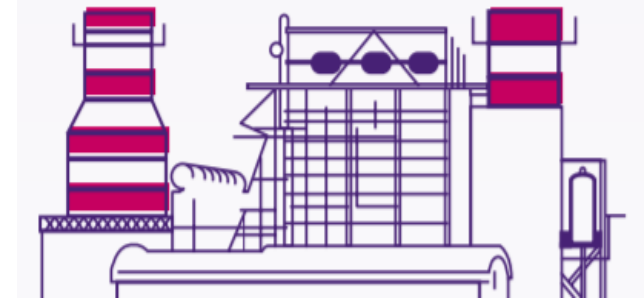


H₂

Various hydrogen projects in operation and development



847,500 Customer sites



Flexible generation - 747MW Capacity at Huntstown
c.11% of all-island peak electricity demand



Green Power



Production



Transportation



Distribution

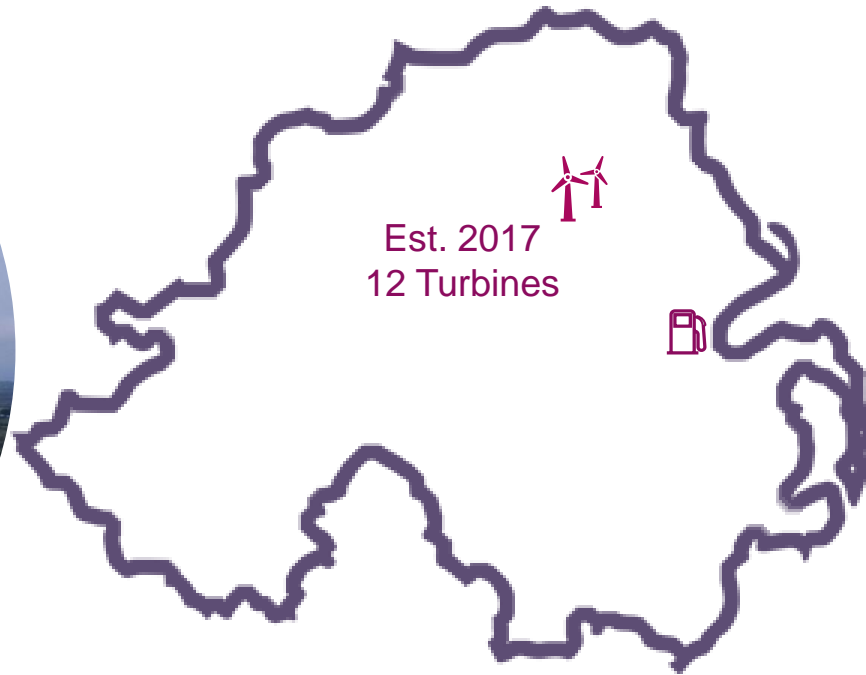


Usage

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T Translink

Long Mountain Wind Farm



27.6MW



CO₂ savings of more than 15,000 tonnes per annum



Generating enough energy to meet the annual electricity needs of over 15,000 homes



Annual community benefit fund of more than £55,000 supporting local community projects



Green Power



Production



Transportation



Distribution

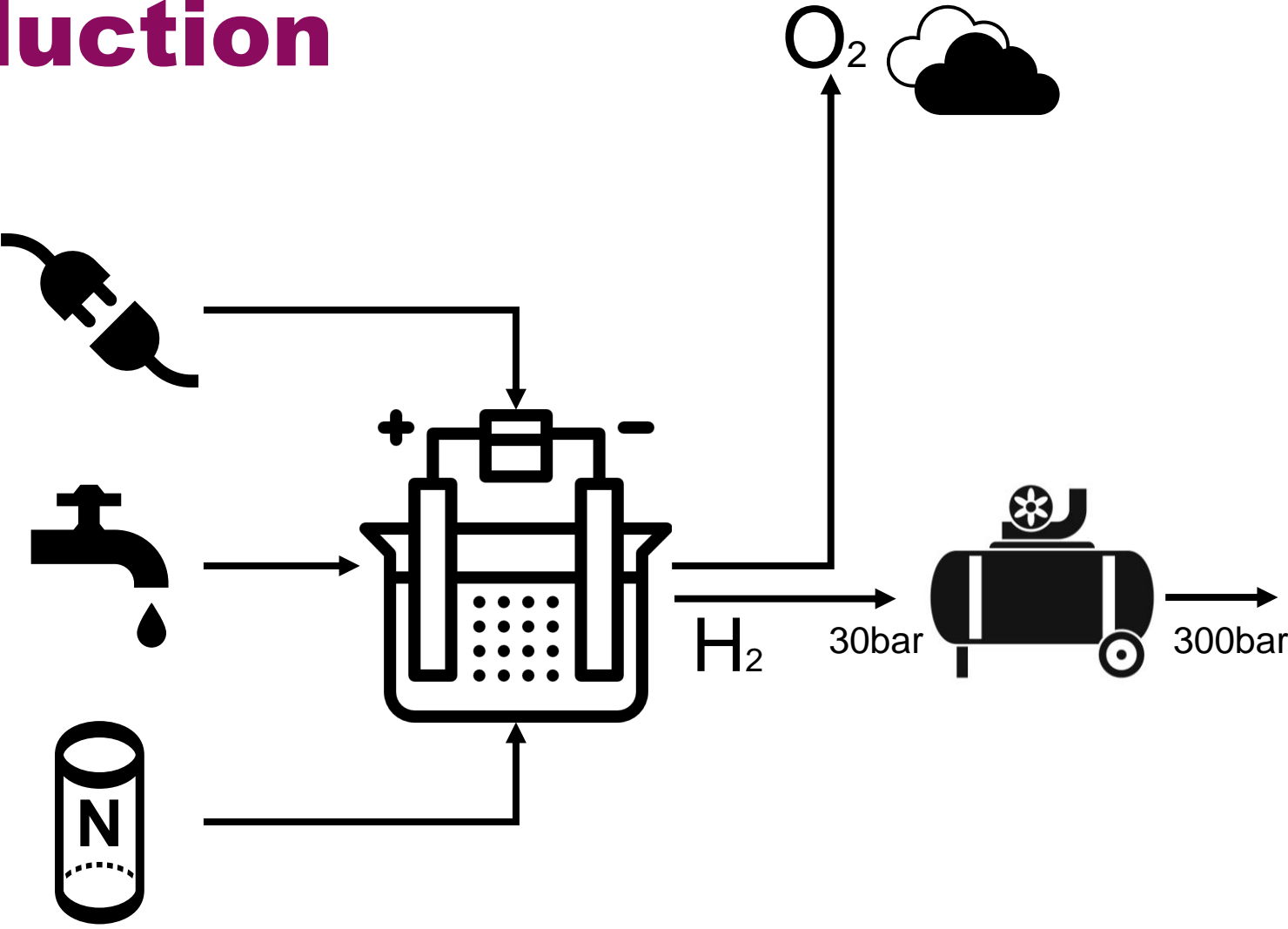


Usage

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T Translink

Hydrogen Production



Hydrogen Production





Green Power



Production



Transportation



Distribution

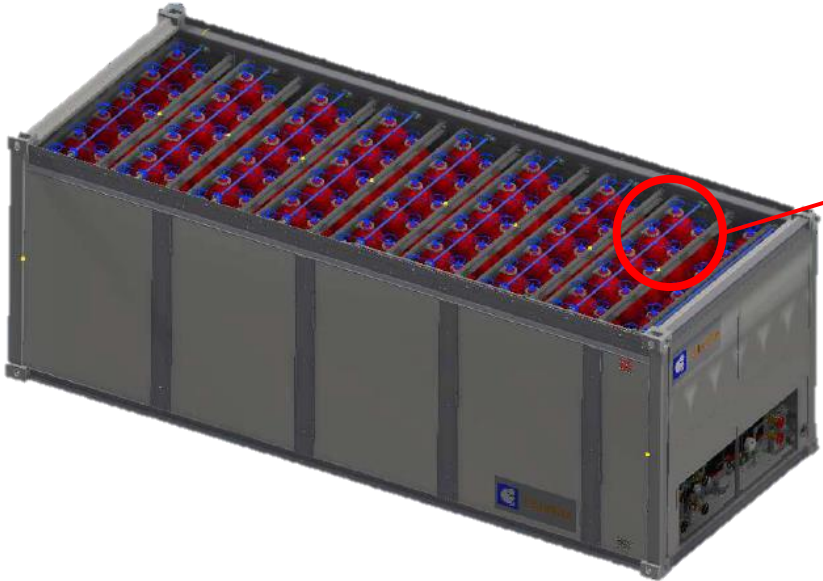


Usage

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T Translink

Hydrogen Transportation





Green Power



Production



Transportation



Distribution

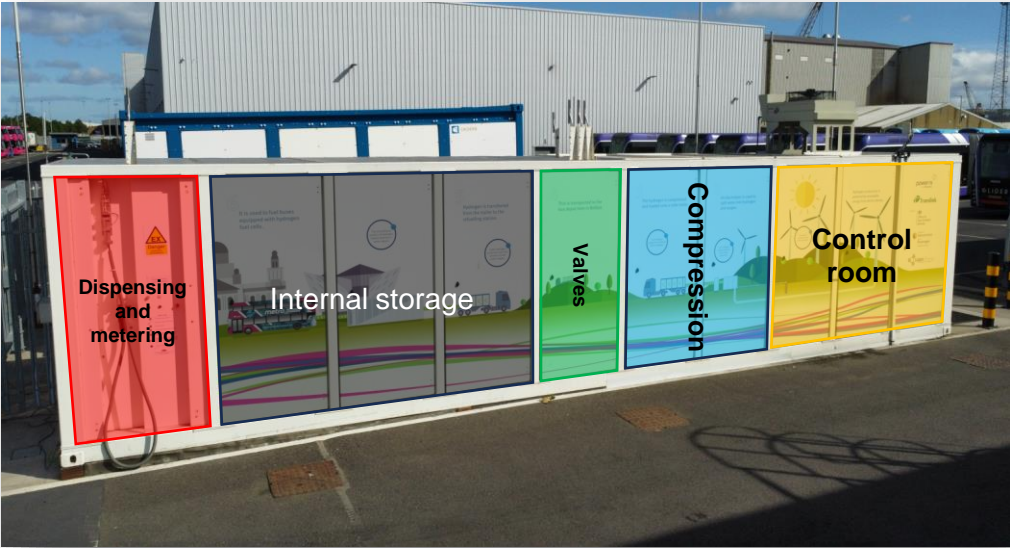


Usage

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T Translink

Hydrogen Distribution



Hydrogen Distribution





Green Power



Production



Transportation



Distribution



Usage

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Hydrogen Usage



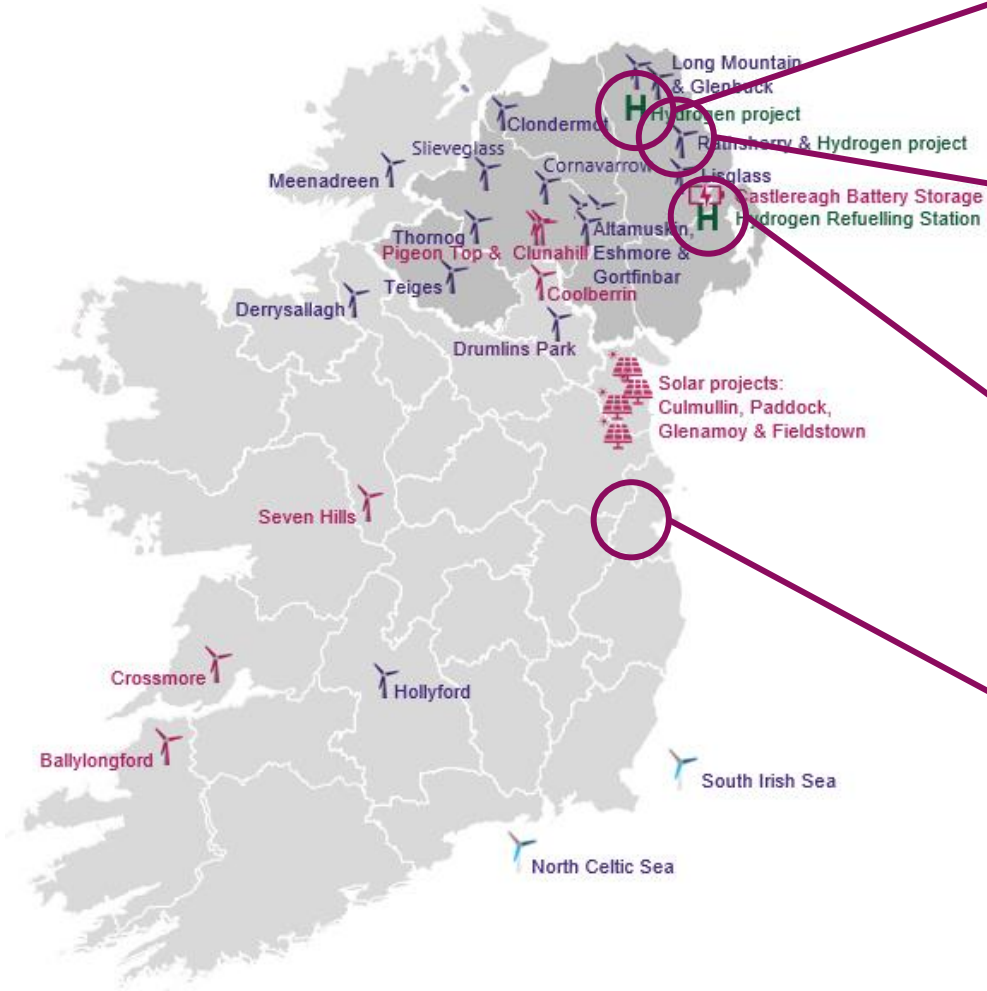
25,000kg of hydrogen used

338,000kg CO₂ offset



Energia Hydrogen

-  Development projects
-  Offshore wind projects
-  Operational sites
-  Battery storage
-  Hydrogen
-  Solar



Long Mountain Production



Rathsherry Production



Milewater Service Centre Hydrogen Refuelling Station



Huntstown Power Plant Production & Generation

Further Research and Development



Q&A

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