

High-Density Hydro® Lizzi Gold, January 2024

Enabling the energy transition with low-cost, scalable energy storage

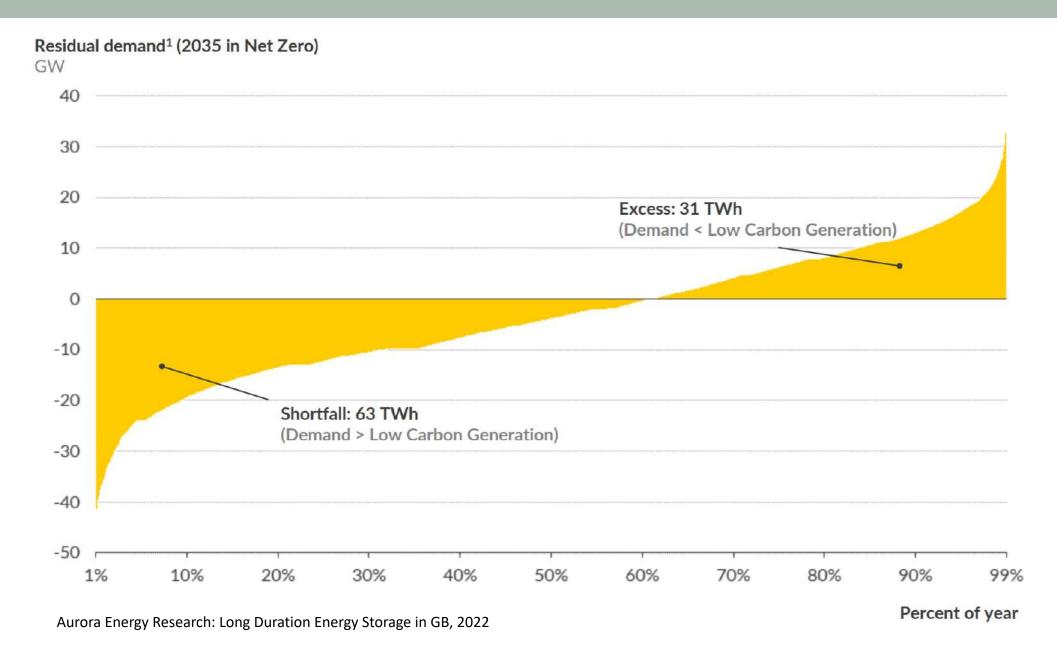


To achieve net zero, we need to transition to a renewable energy system

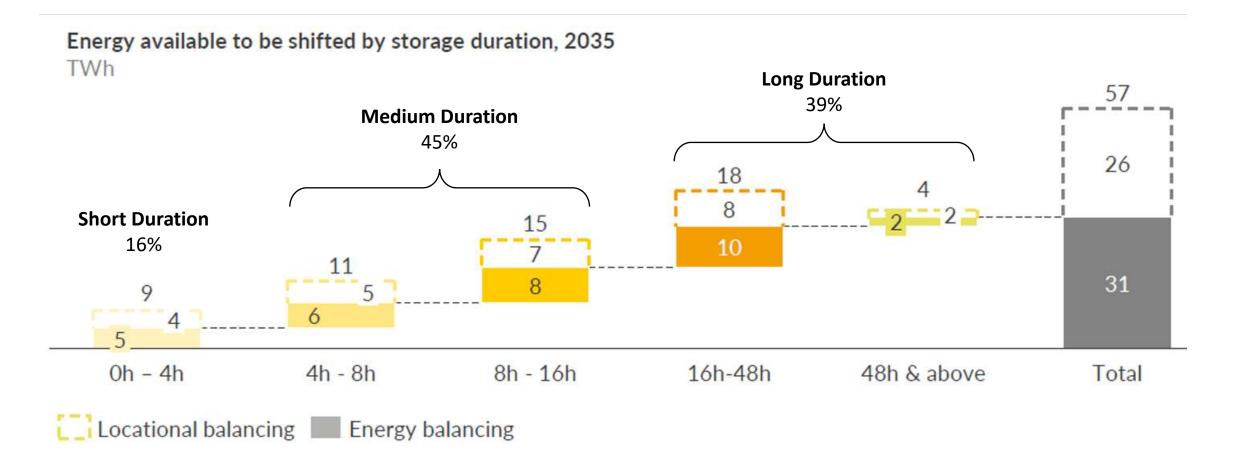
But renewables are intermittent... we need **long-duration energy storage** to balance renewable supply with demand



A Net-Zero Energy System in 2035



Medium vs Long Duration Storage?



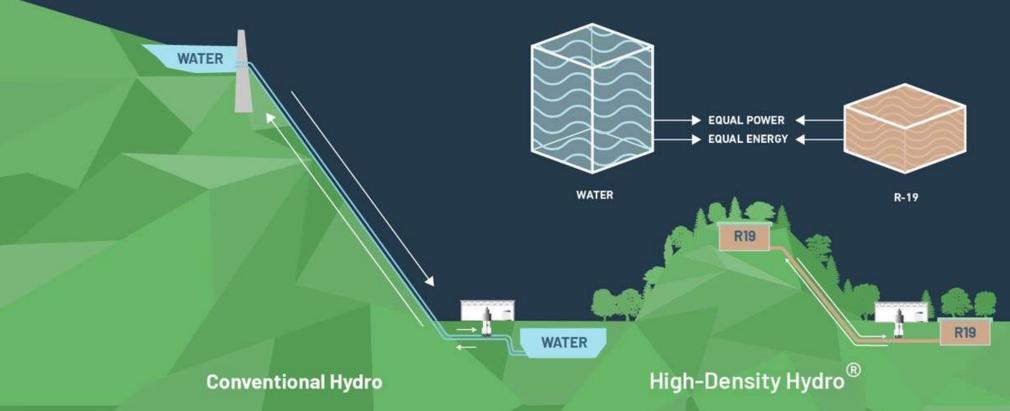
Aurora Energy Research: Long Duration Energy Storage in GB, 2022





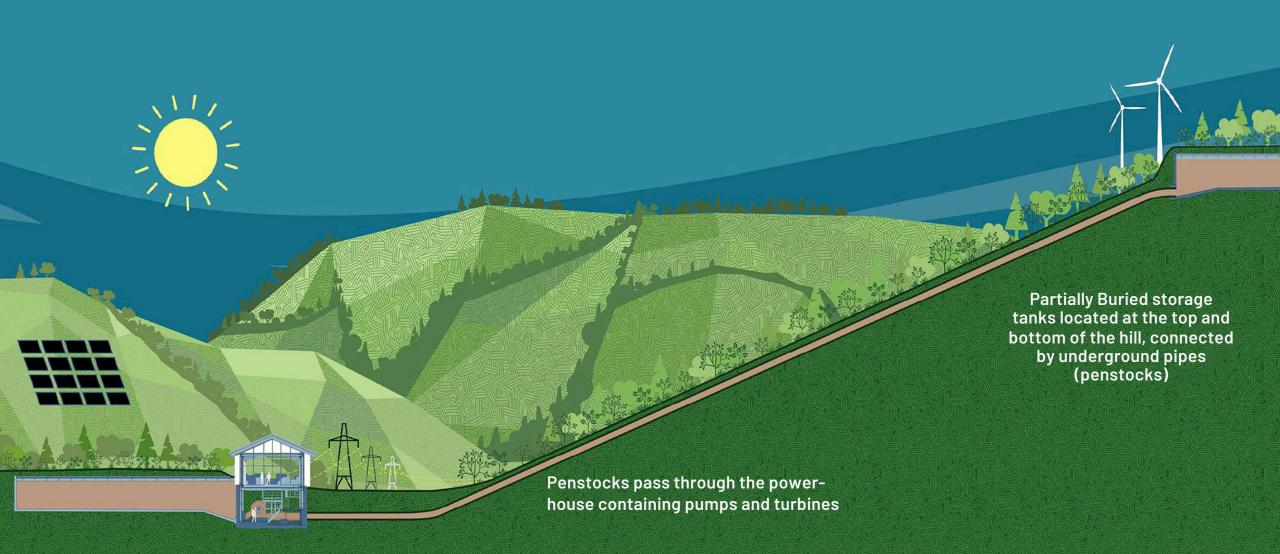
The RheEnergise Solution High-Density Hydro ®: hills not mountains

- ✓ Low-cost
- ✓ Scalable
- Quick to deploy
- ✓ Globally applicable
- ✓ Low environmental impact
- Low-risk technology









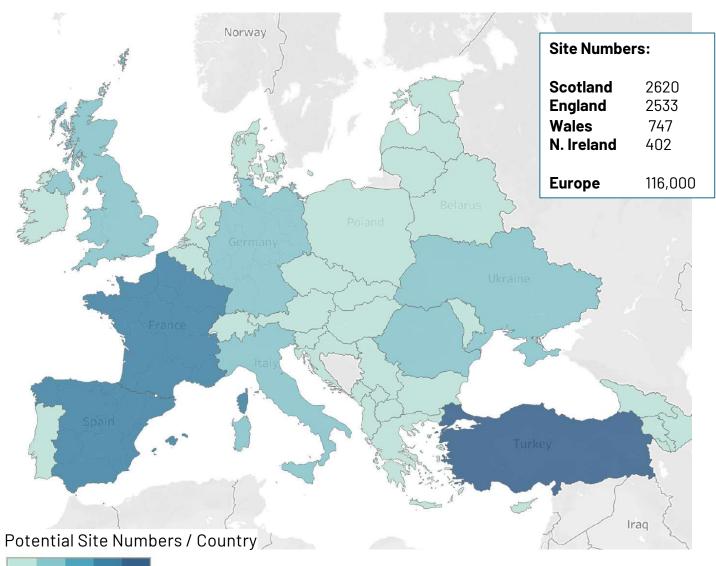
R-19: High-Density Fluid

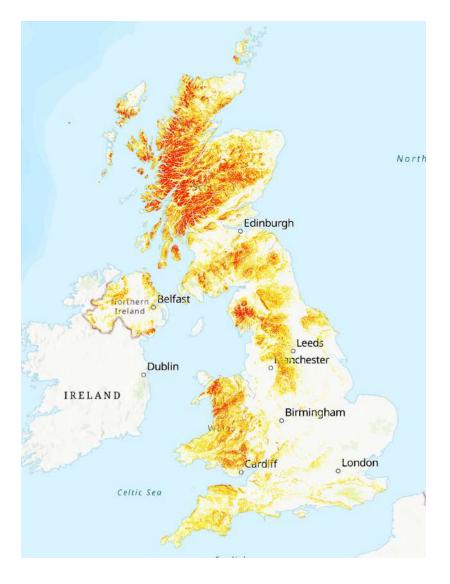




There is no shortage of sites across the world



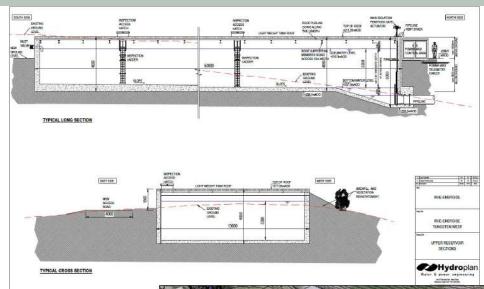




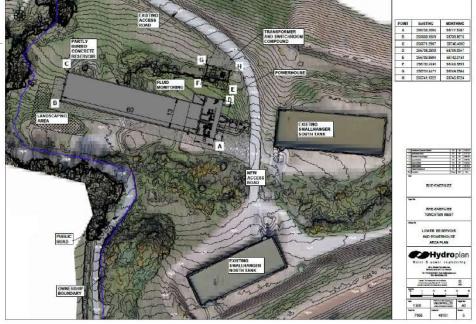
500kW Demonstrator- due to start build Jan 2024











Total System Approach









HD Fluid Management System









Design and build of proprietary HD turbine

Our growing team!







Thank you

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