



Gas
Networks
Ireland

Vision 2050: The future of the gas network in Ireland

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Part of **ervia** group

The Importance of Natural Gas and the Gas Grid



€147m
capital expenditure annually



700,127
connections and growing



30%
share of Ireland's primary energy mix



€2.6bn
asset owned by the people of Ireland



52%
of Ireland's electricity needs powered by natural gas



Future Proofed
No Capacity Restrictions on the gas network



Flexible
A secure, instantly available energy source which has made renewable deployment possible



14,390km
of gas pipeline could wrap around Ireland's coastline 4 times



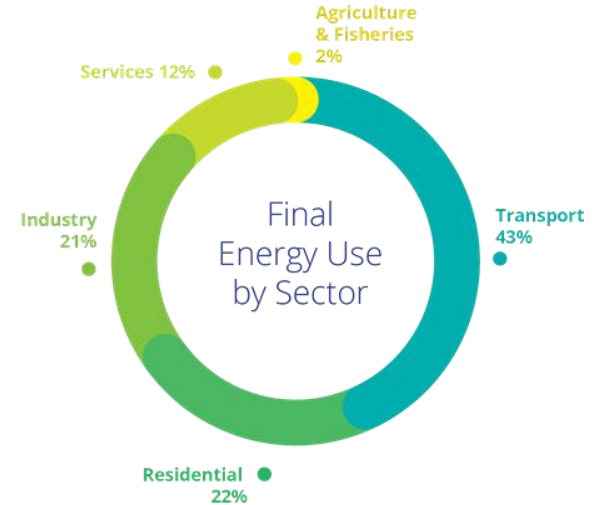
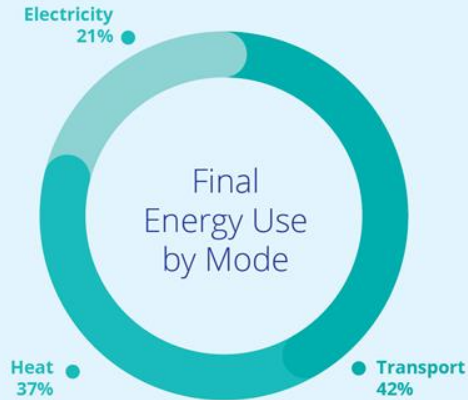
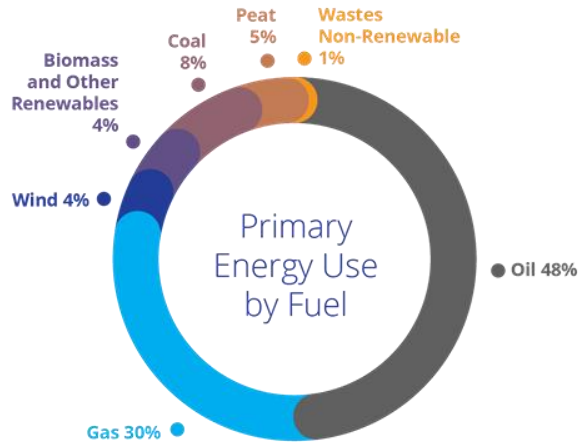
Diversity
Supplying energy for powergen, heat and transport



Resilient Network
Proven ability to meet demand in harshest weather conditions, ensuring security of supply



Understanding Ireland's Energy Sector



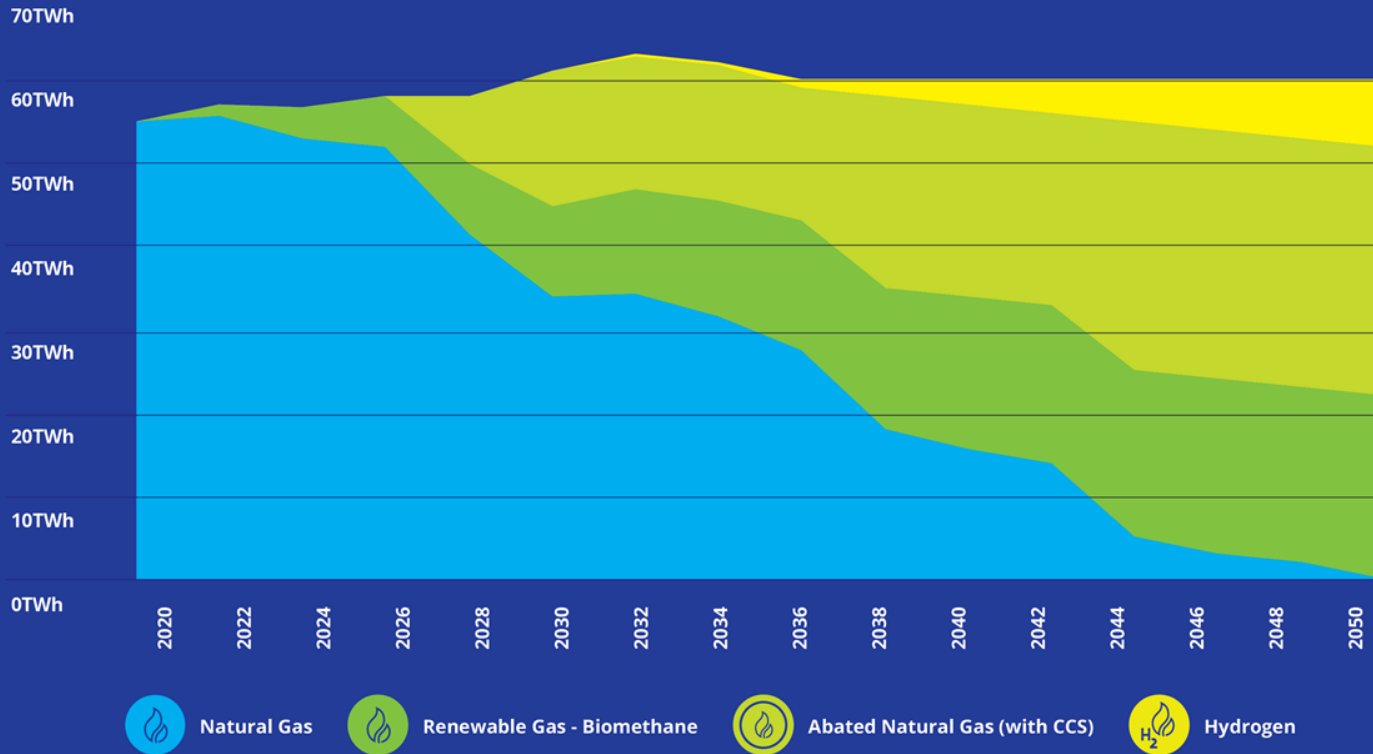


vision
2050

Climate change is one of our greatest and most urgent global challenges. Our vision will help tackle its impact.

Ireland's gas network will play a critical role in achieving significant and enduring emissions savings by providing a sustainable, secure, and cost effective path to a clean energy future

Our vision for a net zero carbon gas network by 2050



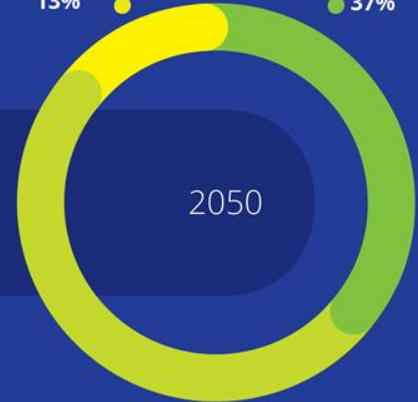
Vision 2050 - A Net Zero Carbon Network

A net zero carbon gas network will deliver at least **18.7Mt/annum CO₂ emissions savings by 2050** (31% of Ireland's overall current emissions).



Natural gas

The gas network will provide a sustainable, secure and cost-effective decarbonisation pathway

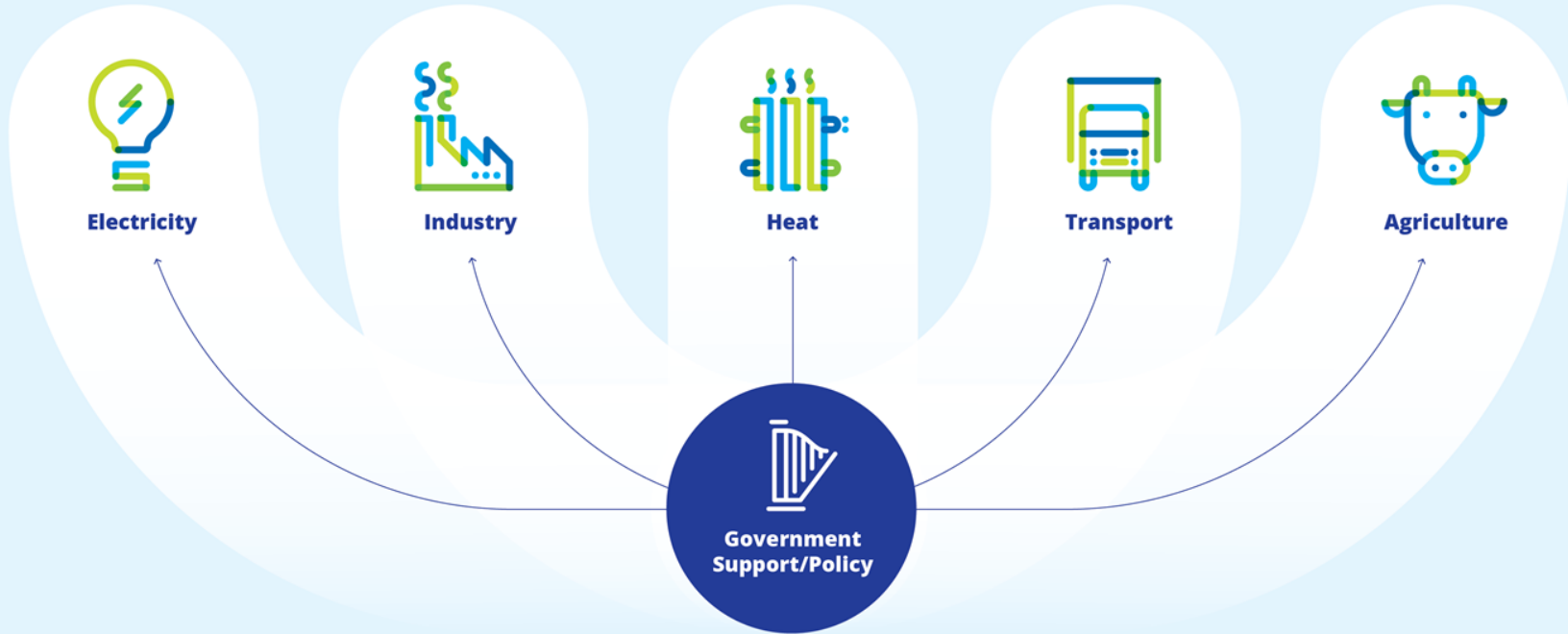


Abated natural gas (with CCS)
50%

Key drivers to deliver Ireland's carbon neutral gas network:



Recommendations



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