



Llywodraeth Cymru
Welsh Government



Department for
Energy Security
& Net Zero



Green Hydrogen Holyhead Hydrogen Hub



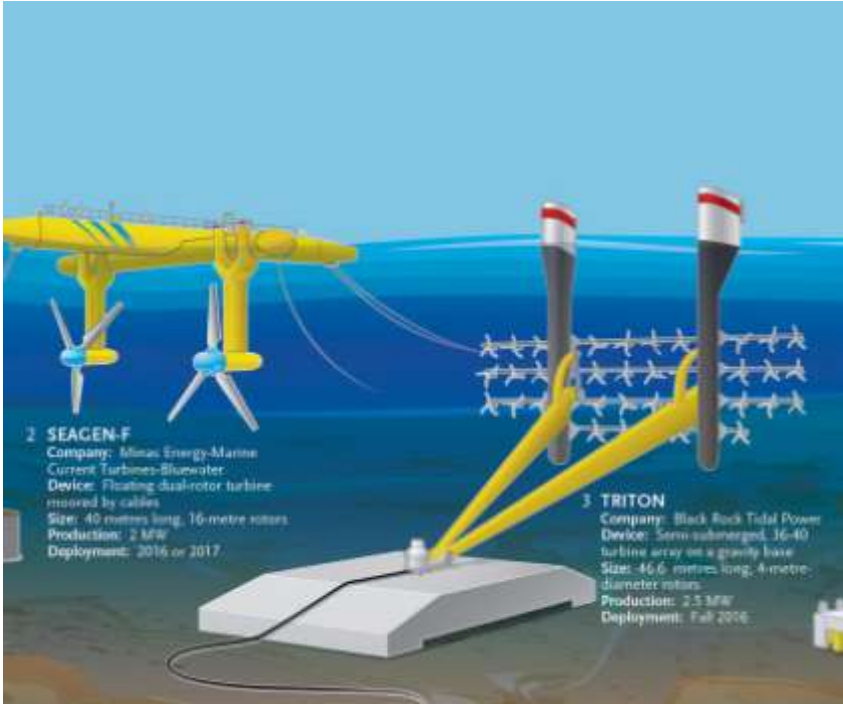
GOV.UK



MEET ENTERPRISE HUB

CAR TRIDÂN CỘNG ĐỒNG
COMMUNITY ELECTRIC

MÔN Ers 1995





ESTABLISHED COMMUNITY OF INTEREST



Llywodraeth Cymru
Welsh Government



Uchelgais Gogledd Cymru
Ambition North Wales



CYNGOR SIR
YNYS MÔN
ISLE OF ANGLESEY
COUNTY COUNCIL



Grŵp
Llandrillo
Menai



SP ENERGY
NETWORKS



nationalgrid

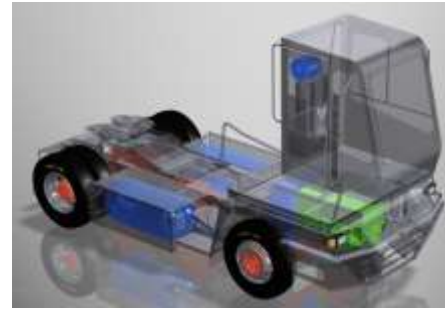


PRIFYSGOL
BANGOR
UNIVERSITY

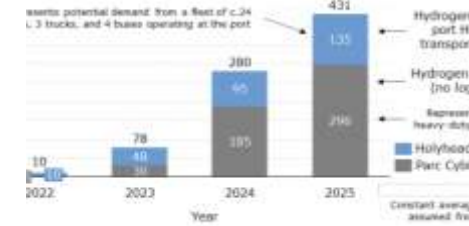


What is the proposed use of hydrogen at Holyhead?

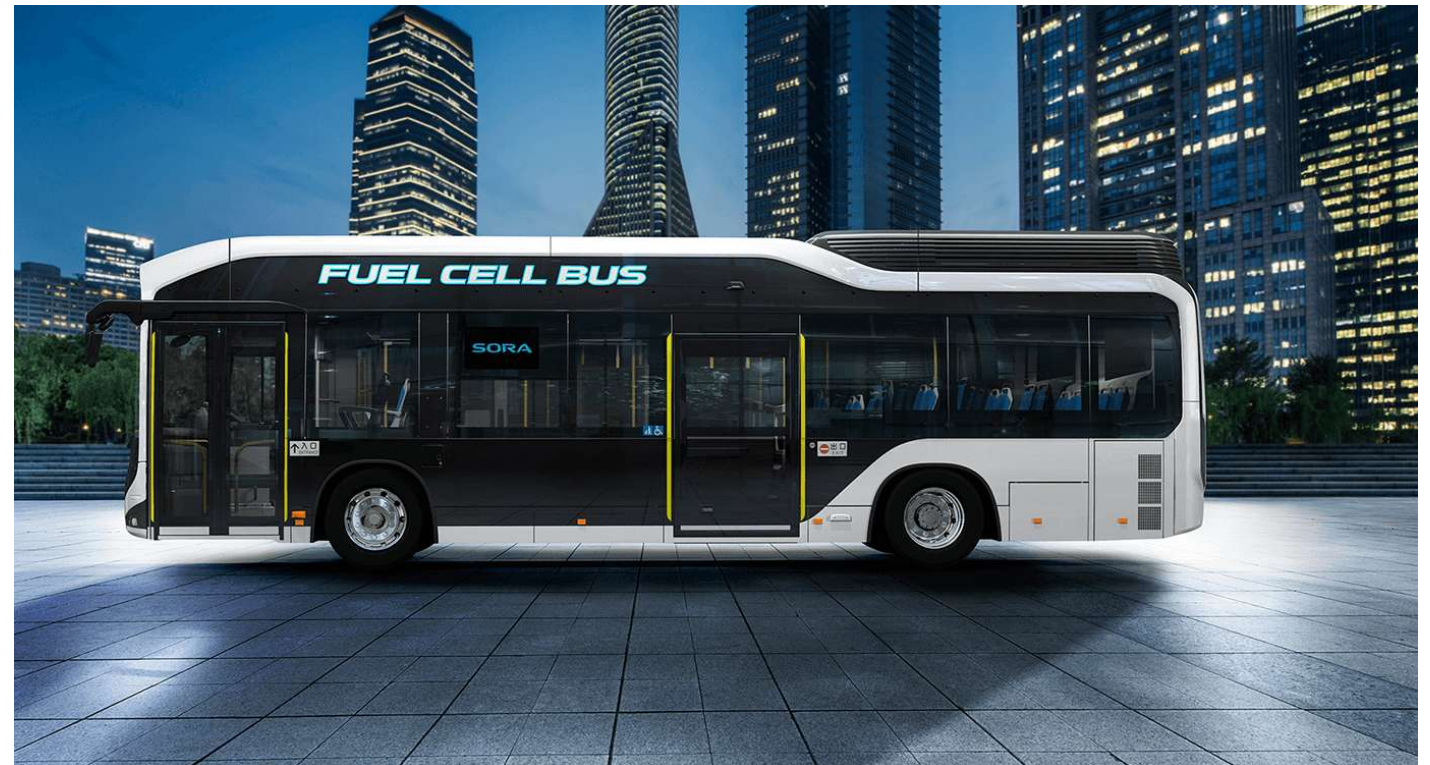
- Heavy transport users to create **anchor demands** for hydrogen e.g. lorries, buses and tug masters.
- 2000kg of hydrogen every day to meet this demand.
- Represents just a small fraction of the potential amongst the 500,000 HGV movements annually through Holyhead.
- Slashes carbon & air pollution; quiet technology.



Hydrogen demands met by the Parc Cybi Hub – "Premium" scenario



Hyundai's (NEXO) fuel cell trucks will have freight in Switzerland. (Hyundai)



Holyhead Hydrogen Hub Economic Benefits

- 30 FTEs HHH
- 10 FTEs for maintaining the vehicles.
- Indirect support to local companies to meet Net Zero target
- Create platform for growing the hub (EU forecasts 140,000 jobs in the hydrogen sector by 2030.)
- Set-up partnerships with:
 - Grwp Llandrillo Menai – Skills
 - Bangor University - R&D
 - Welsh SMEs to develop a Welsh-owned hydrogen supply-chain.
 - Vehicle suppliers & inward investment potential







C7
1.85 acres

C8b
2 acres

C8c
20 acres

