

What are fossil fuels and can you name some advantages/ disadvantages of using them?



What is renewable energy? Can you give some examples of this energy?



Why do we need to use renewable energy?



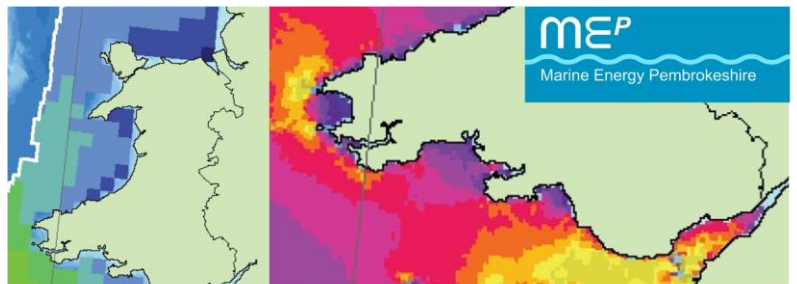
What is Marine renewable energy? Can you see any examples of where there is lots of potential energy today?



How can we capture marine renewable energy in Pembrokeshire?



Why is Pembrokeshire such a good place for Marine Renewable Energy?



Significant Wave & Tidal Resource

- Pembrokeshire has the highest concentration of wave resource (700 km²) in Wales equating to an indicative capacity of up to 5600MW
- Tidal streams around the west of Ramsey Island and within Ramsey Sound can reach up to 4ms⁻¹ with an indicative capacity of ~150MW.

Enviably position due to 400 KV grid network

