

Swansea Bay Tidal Lagoon

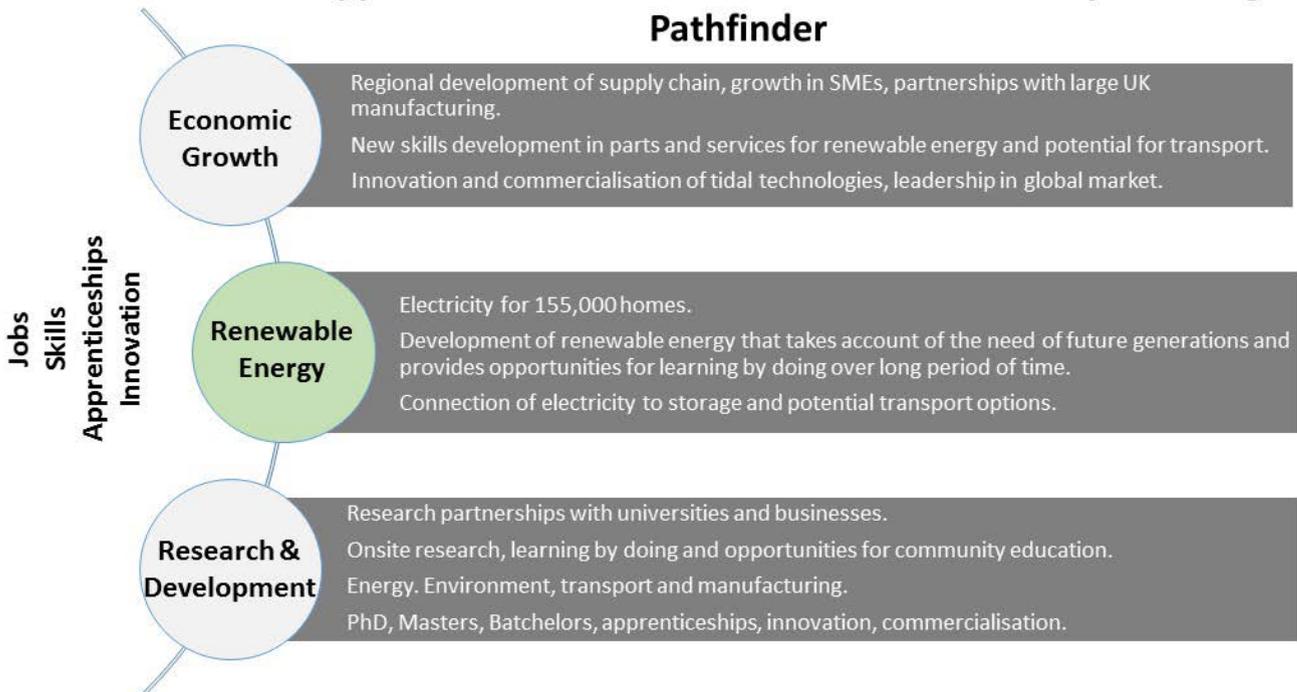
Joint Statement:

Institution of Civil Engineers Wales Cymru and Institution of Mechanical Engineers

Overview

The Hendry Review has concluded its support for the proposed Swansea Bay Tidal Lagoon. The Institution of Civil Engineers Wales Cymru and the Institution of Mechanical Engineers wish to offer support to the Welsh Government and encourage the UK Government to accept the recommendations and proceed with the scheme. Both Institutions would encourage the First Minister and AMs to drive home the need for this project to their Westminster colleagues identifying not only the benefits to Wales, but the innovation and manufacturing potential, development of much needed highly skilled jobs and health and wellbeing of our communities.

Headline Opportunities for Wales from the Swansea Bay Tidal Lagoon Pathfinder



Economic Growth

The Swansea Bay Tidal Lagoon offers a unique opportunity for economic growth for Swansea and Wales as well as wider UK manufacturing. This project is a pathfinder that will prove to be the most significant engineering project for many years and be a boost to the economy in these fragile times. This type of project is at the core of the Industrial Strategy, providing much needed renewable energy and developing opportunities to lead a global market.

Jobs

The Swansea Bay Tidal Lagoon will create a major boost to jobs locally and more widely across Wales and beyond. There is a wide range of local and national employment opportunities from construction through to management and maintenance together with the supply chain over the full 120 year life of the project.

Skills

This scheme offers an opportunity to use local resources for the construction. There is also the potential to create a centre of excellence around this innovative project – or indeed series of projects as the tide is captured around the country.

Renewable Energy

The Swansea Bay Tidal Lagoon represents a great opportunity for long term, predictable and reliable energy generation. The local tidal range is the second highest across the world and the project ‘captures’ the potential energy in a long term (120 year) sustainable and clean way. Wales is justifiably proud of its sustainability policies and as we move towards an increase in the UK’s energy coming from low carbon sources, this is an excellent opportunity that must be grasped. Additionally the importance of meeting the commitments of the Paris summit on climate change must not be forgotten. The project will play an important role as part of the UK’s low-carbon electricity generation mix.

Support

The Swansea Bay Tidal Lagoon has captured widespread support locally and across Wales and will prove to be not just an energy project but a tourist attraction across South Wales.

Finance

The development of the Swansea Tidal Lagoon is planned to be financed privately. There will be no UK Government / Welsh Government funding until the facility begins generating; thus the risk to the taxpayer and consumer is minimal. The costs are relatively small – the Hendry Review pointing out that this will cost the equivalent of a pint of milk per household per year.

Opportunities

This project offers the opportunity for Wales to take the lead with this first of its kind project.

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- **The Institution of Mechanical Engineers (IMechE)** has over 115,000 members in 140 countries
- IMechE is the largest network of mechanical engineering knowledge, skill and opportunity in the world.
- IMechE develops and maintains key partnerships with leading multi-national employers to ensure their technical workforces are trained to the highest standard.
- For further information visit: www.imeche.org

- **The Institution of Civil Engineers (ICE)** was founded in 1818 to ensure professionalism in civil engineering.
- It represents 86,500 qualified and student civil engineers in the UK and across the globe and has over 3,600 members in Wales.
- ICE has long worked with the government of the day to help it to achieve its objectives, and has worked with industry to ensure that construction and civil engineering remain major contributors to the UK economy and UK exports.
- For further information visit: www.ice.org.uk and www.ice.org.uk/wales

This statement is also supported by:

CECA – Civil Engineering Contractors
Association



The Learned Society of Wales

