



Swansea Bay City Region Joint Committee - 2 February 2023

Portfolio Carbon Reduction Assessment Report

Purpose:	To assess the contributions to regional carbon reduction targets made by the SBCD programmes and Projects
Policy Framework:	Welsh Government Net Zero Wales Carbon Budget 2 (2021 to 2025). National, Regional and Local Net Carbon Zero policies
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For Information	

1. Introduction

Attached at Appendix A is a report assessing the contribution to regional carbon reduction on SBCD projects. The report was developed at the request of the SBCD Programme Board in July 2022 to determine the level of SBCD Portfolio contribution toward carbon reduction for South West Wales.

2. Background

The PoMO has co-ordinated an initial assessment by reviewing project and programme business cases and engaging with the project teams to assess what activities being delivered align and contribute to the Welsh Government requirements and guidance, the four Local Authority decarbonisation ambitions and other lead deliverer targets.

In summary, the SBCD portfolio helps to address and support the grand challenge of carbon reduction with the long term aim of achieving Wales's Net Carbon Zero target by 2050.



As acknowledged in the Welsh Government Net Zero Wales Carbon Budget 2 (2021 to 2025), the SBCD Portfolio contains some significant contributions to existing and future national and regional Carbon reduction targets. However, as the SBCD was first established in 2017 with all nine headline business cases approved by December 2021 by both Governments, there is no specific decarbonisation investment objective set at a Portfolio level.

In accordance with local and national policy, each Lead Delivery Organisation will ensure that facilities are procured, built, and operated in compliance with the requirements set out in relevant policies and strategies.

Direct contribution is made via all projects that build SBCD infrastructure by achieving BREEAM excellent as a minimum standard.

Significant contribution to support the decarbonisation agenda will also be through the delivery of three energy related projects, upskilling of our workforce through the Skills and Talent Programme and enhancement of our digital connectivity through the regional Digital Infrastructure Programme.

The SBCD Portfolio places the region at the forefront of Energy and Smart Manufacturing innovation as part of the drive towards a low carbon economy and will contribute by:

- i. Creating an estimated 80k+ m2 of floorspace with a minimum of BREEAM excellent by 2026
- ii. Creating at least 5,000 jobs across the renewables and energy sectors
- iii. Create at least £620m GVA
- iv. Attract at least £630m of total investment
- v. Estimated to provide at least 6,000 skills and talent opportunities for the energy and , decarbonisation sectors
- vi. Create a regional centre of excellence in the renewable energy sector
- vii. Grow 2 supply chains in the installation, manufacturing and operations of blue and green technologies through PDM And HAPS
- viii. Enhance digital connectivity through full fibre, 5G and Internet of Things (IoT) to future proof the digital economy across the region

3. Financial Implications

There are no financial implications with this report.

Any additional costs incurred to meet the net carbon zero requirements and guidance is the responsibly of individual lead delivery organisations and partners to identify sources of funding to achieve decarbonisation targets.

4. Legal Implications

There are no associated legal implications to this report.

Background Papers: None

Appendices:

Appendix A - Carbon Reduction Assessment of the SBCD Portfolio October 2022