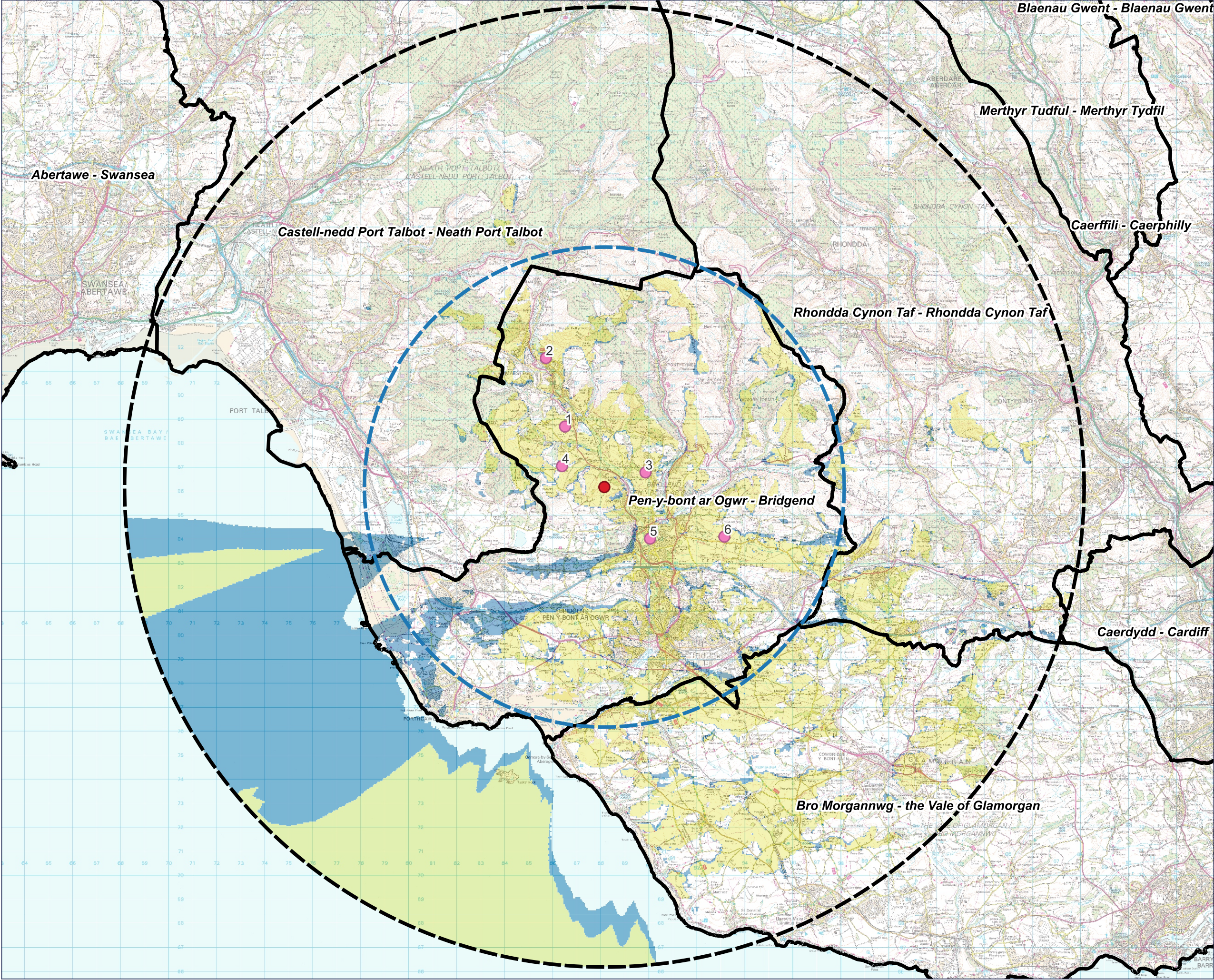




● Gelli Las Site Location

--- 20km Site Boundary

--- 10km radius from Turbine Location

--- Local Authority Boundary

● Viewpoint Locations

Zone of Theoretical Visibility

■ Turbine hub and blades visible

■ Only turbine blades visible (i.e. turbine mast and hub would be screened)

Viewpoints:

1. Pont Rhyd-Y-Cyff
2. Maesteg
3. St. Davids Church, Bettws
4. Llangeinor
5. Cefn Ydfa Farm
6. Maescadlawr Farm
7. Tondy
8. Hoel Laethog Lane
9. Unamed Road

NOTES:
1. Zone of Theoretical Visibility has been generated using OS Terrain 50 50m digital terrain model (DTM) data.

2. ZTV generation has allowed for the curvature of the earth and light refraction.

3. The ZTV has been modelled based on the proposed turbine dimensions, which are: 76m to hub; and 101.5m to blade tip.

4. ZTV has been generated based upon observer eye height of 1.7m above ground level.

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Project

Figure Number

Figure Title

Zone of Theoretical Visibility – Proposed Turbine (20 km)

Scale

Date



CWE Gelli Las

Figure 2.1

1:150000@A3

June 2025



0 3,000 6,000 9,000 12,000 15,000 m