

Project Title **Stage 1 Strategic Flood Consequences Assessment**  
**Pembrokeshire and Carmarthenshire County Councils**

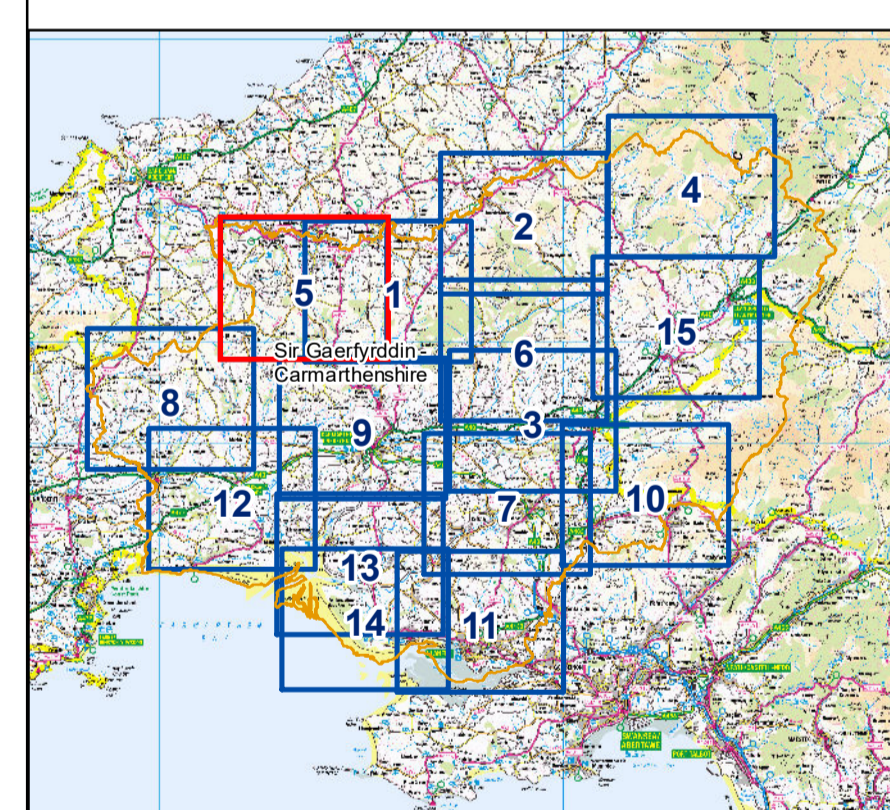
Figure Title **Risk Categorisation Candidate Sites**  
**Carmarthenshire County Council (CCC) - Climate Change Allowance**

Sheet No. **5 of 15**

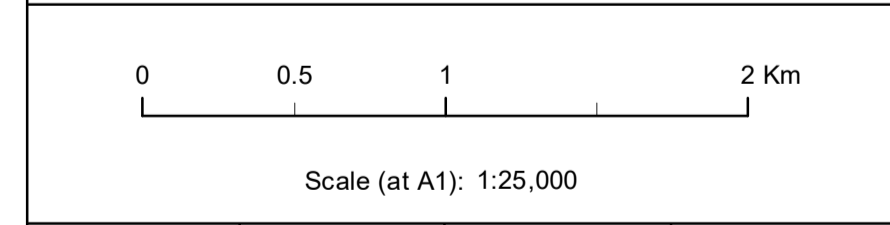
- Legend**
- River Network
  - Flood Defences
  - National Park Boundaries
  - CCC Flood Risk Management Plan Policy Units
  - Settlement Boundaries
  - Surface Water Flood - Extent
  - Estimated 1 in 100 Annual Chance Events with Climate Change
  - NRW Flood Map Flood Zone 2
  - SMP2 Flood Extent plus 2m Sea Level Rise
- LDP Candidate Sites 2019**
- High Risk >50% Site Area Flooded
  - Medium High Risk >25% to <50% Site Area Flooded
  - Medium Risk >5% to <25% Site Area Flooded
  - Low Risk <5% Site Area Flooded

- Notes:**
1. NRW Flood Zone 2 - Assumed to approximate to 1 in 100 (1%) annual chance event with climate change.
  2. The Surface Water Flood Extents are based on NRW's updated Flood Map for Surface Water (uFMSW). For future/ climate change scenario, a broad scale assumption has been made for Stage 1 screening:
    - Current 1 in 1000 (0.1%) annual chance flood outline becomes 1 in 100 (1%) with climate change.
  3. Shoreline Management Plan 2 data - Flood extent is current 1 in 1000 (0.1%) tidal event plus 2m Sea Level Rise (SLR).
  4. The maximum 0.5% annual chance or greater extreme tide level plus sea rise is 6.9m. A coarse 7m contour (not shown) has also been used to screen tide risk for coastal sites - see Stage 1 SFCA Report.

Risk Category	Criteria Description (at least one of the following criteria is met)	Category Overview
HIGH	<ul style="list-style-type: none"> <li>Greater than 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> <li>Known history of flooding on the site.</li> </ul>	<ul style="list-style-type: none"> <li>Greater than 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>
MEDIUM HIGH	<ul style="list-style-type: none"> <li>Greater than 25% up to 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> <li>Up to 25% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Between 25% and 50% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>
MEDIUM	<ul style="list-style-type: none"> <li>Less than 25% of the site's plan area is within:               <ul style="list-style-type: none"> <li>Flood Zone 2 (Note 1)</li> <li>Surface Water Flood extent (Note 2)</li> <li>SMP2 - Flood Extent with 2m SLR (Note 3)</li> <li>The area below the 7m contour at the coast (Note 4)</li> </ul> </li> <li>No history of flooding in the site.</li> </ul>	<ul style="list-style-type: none"> <li>Between 5% and 25% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>
LOW	<ul style="list-style-type: none"> <li>Less than 5% of the site's plan area is within:               <ul style="list-style-type: none"> <li>Flood Zone 2 (Note 1)</li> <li>Surface Water Flood extent (Note 2)</li> <li>SMP2 - Flood Extent with 2m SLR (Note 3)</li> <li>The area below the 7m contour at the coast (Note 4)</li> </ul> </li> <li>No history of flooding in the site.</li> </ul>	<ul style="list-style-type: none"> <li>Less than 5% of the site's plan area is:               <ul style="list-style-type: none"> <li>Within Flood Zone 2 (Note 1)</li> <li>Within Surface Water Flood extent (Note 2)</li> <li>Within SMP2 - Flood extent with 2m SLR (Note 3)</li> <li>Below 7m contour at the coast (Note 4)</li> </ul> </li> </ul>



Data sources: Ordnance Survey, NRW, Carmarthenshire County Council, Pembrokeshire County Council



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