



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

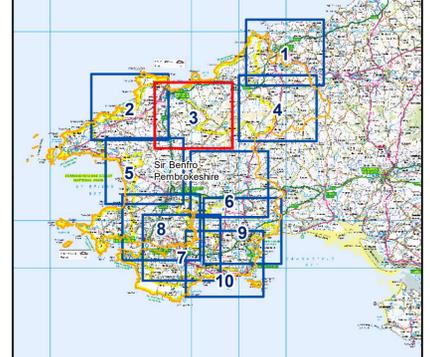
Figure Title **Risk Categorisation Candidate Sites Pembroke and Carmarthenshire County Council (PCC) - Climate Change Allowance**

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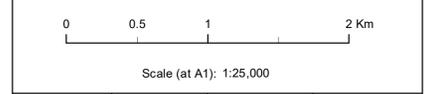
- Legend**
- River Network
 - Flood Defences
 - National Park Boundaries
 - Settlement Boundaries
 - Surface Water Flood - Extent Estimated 1 in 100 Annual Chance Events with Climate Change
 - NRW Flood Map Flood Zone 2
 - SMP2 Flood Extent plus 2m Sea Level Rise
- LDP Candidate Sites 2019**
- High Risk >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 (fMISW) 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). This dataset does not extend north of Nolton Haven on Pembroke's west coast.
 4. The maximum 0.5% annual chance or greater extreme tide level plus sea level 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"> Greater than 50% of the site's plan area is: <ul style="list-style-type: none"> Within Flood Zone 2 (Note 1) Within Surface Water Flood Extent (Note 2) Within SMP2 - Flood extent with 2m SLR (Note 3) Below 7m contour at the coast (Note 4) Known history of flooding on the site 	<ul style="list-style-type: none"> The percentage of the site area flooded gives a screening level indication of how much of the site for improvement of flooding criteria (S1A11.14). Further analytical work will be needed to understand the flood risk at the site. The underlying evidence base may need updating.
Medium High	<ul style="list-style-type: none"> Greater than 25% up to 50% of the site's plan area is: <ul style="list-style-type: none"> Within Flood Zone 2 (Note 1) Within Surface Water Flood Extent (Note 2) Within SMP2 - Flood extent with 2m SLR (Note 3) Below 7m contour at the coast (Note 4) 	<ul style="list-style-type: none"> The underlying evidence base may need updating.
Medium	<ul style="list-style-type: none"> Up to 25% of the site's plan area is: <ul style="list-style-type: none"> Within Flood Zone 2 (Note 1) Within Surface Water Flood Extent (Note 2) Within SMP2 - Flood extent with 2m SLR (Note 3) Below 7m contour at the coast (Note 4) 	<ul style="list-style-type: none"> Based on criteria description, flood risk in the area is likely to be adequately managed. Development likely to proceed subject to agreement by the SuDS Approval Body. Flood Risk to the site access routes and compliance with TAN15 will need to be confirmed.
Low	<ul style="list-style-type: none"> Less than 5% of the site's plan area is within: <ul style="list-style-type: none"> Flood Zone 2 (Note 1) Surface Water Flood Extent (Note 2) SMP2 - Flood Extent with 2m SLR (Note 3) The area below the 7m contour at the coast (Note 4) No history of flooding in the site. 	<ul style="list-style-type: none"> Based on criteria description, flood risk in the area is likely to be adequately managed. Development likely to proceed subject to agreement by the SuDS Approval Body. Flood Risk to the site access routes and compliance with TAN15 will need to be confirmed.



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



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