

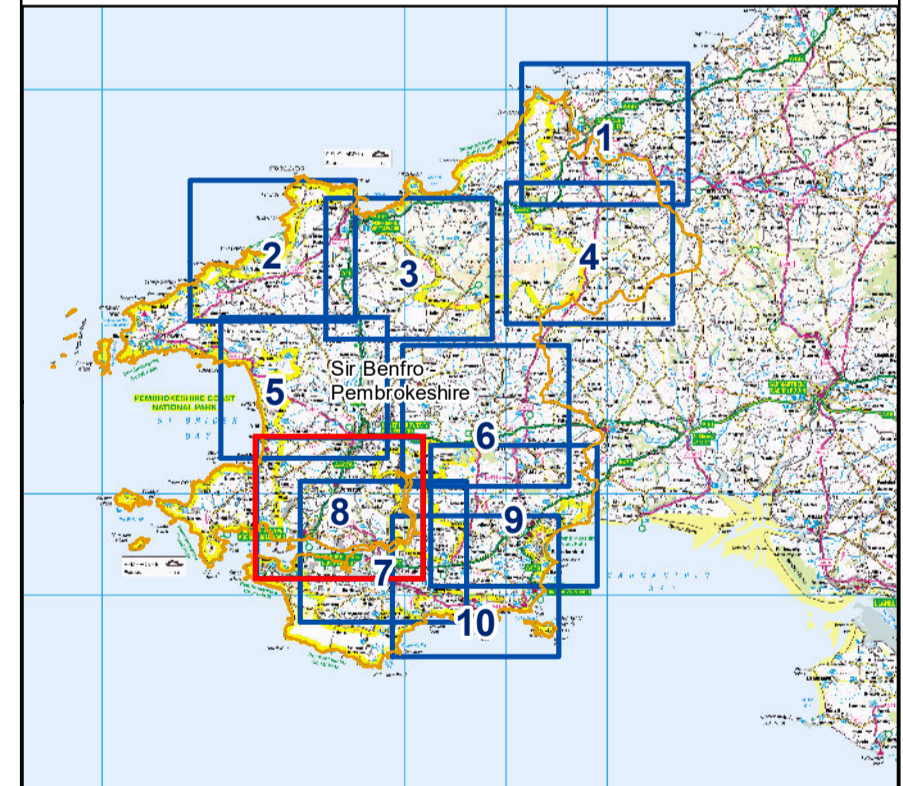
Project Title Stage 1 Strategic Flood Consequences Assessment Pembrokeshire and Carmarthenshire County Councils
Figure Title Risk Categorisation Allocation Sites Pembrokeshire County Council (PCC) - Climate Change Allowance

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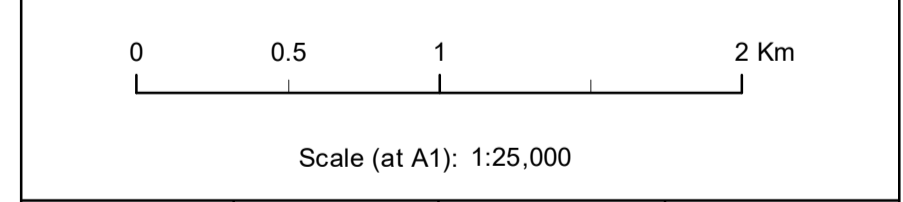
- Legend**
- River Network
 - Flood Defences
 - National Park Boundaries
 - Settlement Boundaries
 - Surface Water Flood - Extent Estimated 1 in 100 Annual Chance Events with Climate Change
 - NRW Flood Map Flood Zone 2
 - SMP2 Flood Extent plus 2m Sea Level Rise
- LDP Allocation Sites 2019**
- High 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 (FMSW). 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 Pembrokeshire'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 Risk	<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 may be covered by flooding under TAN15 (S1.54). • Further analytical work will be required to understand the flood risk at the site. • The underlying evidence base may need to be confirmed.
Medium High Risk	<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 to be confirmed.
Medium Risk	<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"> • The underlying evidence base may need to be confirmed.
Low Risk	<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 approval for the SUCS 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, Pembrokeshire County Council



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