

Hen Felin, Treborth

Shoreline Management Plan

This document has been prepared by Waterco Datrys in support of the Marine License application reference CML2519. The proposal is located within Shoreline Management Plan Sub Cell 10, Policy Development Zone 16.26 (Bridge to Garth).

The Policy Plan for the short (2005-2025), medium (2025-2055) and long term policies (2055-2105) are 'No active intervention'.

The management policy definition for 'No Active Intervention' is as follows: no investment in the construction of new defences, maintenance or upgrade of existing defences.

DELIVERY OF THE PLAN					
SUMMARY OF SPECIFIC POLICIES					
Policy Unit		Policy Plan			
		2025	2055	2105	Comment
16.26	Bridge to Garth	NAI	NAI	NAI	
16.27	Garth Point and Dock Yard	HTL	HTL	HTL	
16.28	Hirael	HTL	HTL	MR	Consider options for re-development and flood proofing.
16.29	Porth Penrhyn	HTL	HTL	HTL	Subject to alternative funding.
16.30	Penrhyn Headland	NAI	NAI	NAI	
Key: HTL - Hold the Line, A - Advance the Line, NAI – No Active Intervention MR – Managed Realignment					

PREFERRED POLICY TO IMPLEMENT PLAN:	
From present day	Maintain existing defences. Develop adaptation planning. Develop funding plan.
Medium term	Maintain defences while moving towards adaptive management.
Long term	Implement plans for realignment and development.

Section 4 Coastal Area F PDZ16

Hen Felin is currently served by local private flood defence in the form of a sea wall. The project aim is to consolidate the existing defence and increase its height in line with the requirements of TAN15 as has been proposed by Civil Engineering Solutions Flood Consequence Assessment. There is no intention of increasing the area of sea defences, only to protect from rising sea level for the lifespan of the building.

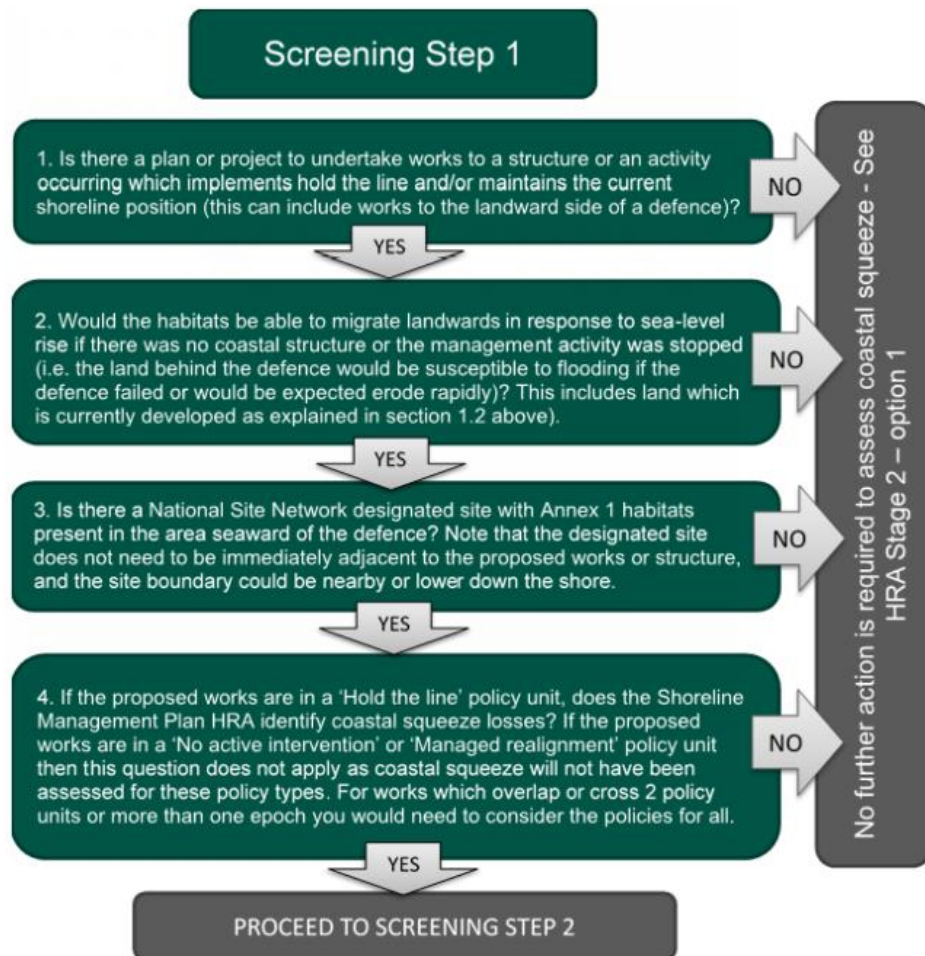
A review of the document 'Policy Development Coastal Area F from Trwyn Maen Dylan to Garizim and Pen y Parc to Trwyn Penmon' provides numerous references to the maintenance of local private defences. Although broadly not in line with the Shoreline Management Plan of no active intervention, it is accepted that the local privately funded sea

defence will have no adverse impact on the policy plan. It is accepted that no public funding to maintain the sea defence at Hen Felin is likely to be provided.

Screening for potential coastal squeeze.

The first step of screening for coastal squeeze is illustrated below:

Figure 1 Flow chart to illustrate Screening Step 1



1. Given that the project activity is to carry out works on an existing sea defence, it would result in maintaining the current shoreline position.
2. Given the steep banks behind the existing house, there would be very little area for habitats to migrate.
3. There are no National Site Network designated sites within Annex 1 near to the project.

Therefore no further action is required to assess coastal squeeze.