

Delivery Plan for Consultation

Berwickshire Coast (Potentially Vulnerable Area 10/26)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIRMED ACTIONS. Actions that are either underway or where the funding has been confirmed for 2016-2021.					
Flood warning schemes	100841800	Flood warning actions enable people and organisations to prepare for an event. They enable the risk of the event to be reduced by moving people / possessions out of the floodplain and by placing temporary barriers to reduce flooding impacts.	There is a SEPA coastal flood warning scheme in place for Eyemouth. There is also a flood warning scheme in place for Grantshouse to Eyemouth for the Eye Water. These schemes are ongoing.	SEPA	SEPA
Maintain Eye Water flood warning scheme.	100993311810	This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA
Maintain Firth of Forth and Tay flood warning scheme.	100993491810	This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme meets the	Ongoing	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in	SEPA

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		needs of the local community.		aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	
Property level protection	100841700	<p>Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection.</p> <p>Property level protection can reduce flood impact by restricting water entering a property, or using construction techniques which are resilient to flood water. It is most beneficial for flood depths less than 0.6m in areas of high probability flooding.</p>	<p>Scottish Borders Council operates a subsidised flood products scheme to assist property owners to implement property level protection where this will reduce flood risk.</p> <p>This scheme is ongoing.</p> <p>The effectiveness of property level protection is dependent on availability of flood warnings.</p>	<p>Scottish Borders Council's Capital Budget.</p> <p>Self-funded by Property Owners</p>	Property Owner
Self help / awareness raising	-	Self help actions (individuals taking action to protect themselves and their property against flooding) can be undertaken by any individuals, businesses, organisations or communities at risk of flooding. They are applicable to all sources and probabilities of flooding.	Ongoing	<p>Individuals, businesses, organisations and communities.</p> <p>SEPA</p> <p>Scottish Borders Council's Revenue Budget.</p>	<p>Individuals, businesses, organisations and communities.</p> <p>SEPA (awareness raising, flood warnings)</p> <p>Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme)</p>

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		They focus on awareness and understanding of the flood risk.			and resilient communities groups)
Emergency planning	-	Emergency response plans are applicable for all sources of flooding. They set out the steps to be taken during a flood event to maximise safety and minimise impacts where possible.	Ongoing	Proportional funding by appropriate Council's Revenue Budgets	Scottish Borders Council East Lothian Council Emergency Services
Land use planning	-	Application of national and local planning policies including objectives and actions Local Plan District development plan	Ongoing	Proportional funding by appropriate Council's Revenue Budgets	Scottish Borders Council East Lothian Council
Maintenance of existing coast protection scheme	-	Existing seawall defences in Eyemouth provide coastal erosion and flood protection to residential and non-residential properties.	Ongoing	Scottish Borders Council's Revenue Budget	Scottish Borders Council
Watercourse Maintenance	-	Watercourse clearance and repair can prevent debris accumulating within channels, which may otherwise result in increased flood risk. This can be undertaken as a regular planned activity or in response to a flood event.	Ongoing	Proportional funding by appropriate Council's Revenue Budgets where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council East Lothian Council Property Owner

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<p>POTENTIAL ACTIONS. The actions below are being consulted upon to support the process of identifying preferred actions. Preferred actions may not be able to be implemented during the period 2016-2021 due to project lead-in times and / or funding constraints.</p>					
Relocation of properties/infrastructure away from flood risk areas	100840200	<p>Some of the properties that have been identified to be at risk of flooding may be suitable for relocation.</p> <p>Relocation of properties or infrastructure, currently at risk of flooding, away from the flood risk area may be applicable in locations where frequent flooding is expected to a limited area that may be otherwise difficult or uneconomical to protect.</p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	<p>Scottish Borders Council's Capital Budget and Scottish Government's Capital Budget.</p>	<p>Scottish Borders Council</p>
Wave attenuation	100840800	<p>Wave attenuation actions use the natural characteristics of different types of coastal land cover to either reduce the impact of waves and coastal erosion or to act as a physical barrier to tidal waters.</p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government. There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	<p>Scottish Borders Council's Capital Budget and Scottish Government's Capital Budget.</p>	<p>Scottish Borders Council</p>

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Construction of Direct flood Defences	100841400	<p>Within Eyemouth, the potential to construct direct defences has been identified to reduce the risk to residential and non-residential properties from a medium likelihood flood event.</p> <p>Direct defence actions aim to reduce the risk of flooding by placing a designed barrier between the flooding source and the receptors at flood risk.</p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government.</p> <p>There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	Scottish Borders Council's Capital Budget and Scottish Government's Capital Budget.	Scottish Borders Council
Site protection plans	100842100	<p>Site protection plans are developed to identify whether normal operation of a facility can be maintained during an event. This may be due to existing protection or resilience of the facility or the network.</p>	<p>This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be depending on the funding settlement from Scottish Government.</p> <p>There is currently no provision in Scottish Borders Council's capital plan to 2024/25.</p>	Scottish Borders Council's Capital Budget and Scottish Government's Capital Budget.	Scottish Borders Council
Modelling and other assessments to improve knowledge of flood hazards	100842200	<p>Improved knowledge of the risks from different events helps to develop plans to</p>	<p>A Shoreline Management Plan for the Berwickshire Coast</p>	Scottish Borders Council's Revenue Budget.	Scottish Borders Council

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and impacts		avoid or mitigate future flooding to sensitive areas.	will be developed in 2016 followed by a Coastal Flood Study for Eyemouth in 2017 and 2018.		
Improve Eye Water flood warning scheme	100993311821	This action has been identified because it is technically possible to improve the existing flood warning scheme. It will be selected where the costs of improvement are justified based on the potential benefits.	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their relative cost and benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA
Simplify Eye Water flood warning scheme	100993311830	This action has been identified because other structural actions are being considered in this area which may reduce the need for a detailed flood warning scheme.	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their relative cost and benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA
Improve sign-up of Firth of Forth and Tay flood warning scheme	100993491822	This action has been identified because the sign-up rate in some of the FWTAs within this scheme is less than the target of 40%.	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in	SEPA

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		If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	relative cost and benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	
Simplify Firth of Forth and Tay flood warning scheme	100993491830	This action has been identified because other structural actions are being considered in this area which may reduce the need for a detailed flood warning scheme.	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their relative cost and benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	SEPA