Tweed Catchment Area (Local Plan District 13)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.		Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget and South Lanarkshire Council's budgets where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Local Authorities and Riparian Owners.
Property level protection.		Property level protection can reduce flood impact by restricting water entering a property, or using construction techniques which are	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		resilient to flood water. It is most beneficial for flood depths less than 0.6m in areas of high probability flooding.	level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.		
Flood warning schemes.		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 are 30 number SEPA flood warning schemes in place for rivers in the Scottish Borders. There is 1 number SEPA flood warning schemes in place for the Berwickshire Coast in the Scottish Borders. Ongoing.	SEPA.	SEPA.
Maintain flood warning schemes.		This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme meets the needs of the	Ongoing.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		local community.		addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	
Local flood warning schemes.		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 are 3 number Scottish Borders Council flood warning schemes in place in the Scottish Borders. These schemes are for Longphilip Burn in Selkirk, Bakehouse Burn in Galashiels and Skiprunning Burn in Jedburgh. Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Maintain local flood warning scheme.		This action has been identified for all existing local flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
POTENTIAL ACTIONS. The actions may not be able to		<u> </u>		, , ,	
See individual PVA draft delivery plans.					

West Linton (Potentially Vulnerable Area 13/01)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			

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.

	<u> </u>	 <u> </u>	
None			

Preston (Potentially Vulnerable Area 13/02)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.	130321800	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 SEPA flood warning scheme in place for Preston. This is Preston to Paxton for the Whiteadder Water. Ongoing.	SEPA.	SEPA.
Maintain Whiteadder Water flood warning scheme.	130323471810	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.

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.

Simplify Whiteadder Water	130323471830	This action has been	Potential actions are	The maintenance of	SEPA.
flood warning scheme.		identified because other	drawn from a short list	SEPA's flood warning	
		structural actions are	of options that are	service is funded by	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		being considered in this area which may reduce the need for a detailed flood warning scheme.	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.	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.	

Lauder (Potentially Vulnerable Area 13/03)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.		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 flood warning scheme in place for the Leader Water. Ongoing.	SEPA.	SEPA.
Maintain Gala and Leader Water flood warning scheme.	130323321810	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.

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.

Improve signup of Gala and	130323321822	This action has been	Potential actions are	The maintenance of	SEPA.
Leader Water flood warning		identified because the	drawn from a short list	SEPA's flood warning	
scheme.		sign-up rate in some of	of options that are	service is funded by	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the FWTAs within this scheme is less than the target of 40%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.	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.	
Simplify Gala and Leader Water flood warning scheme.	130323321830	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.

Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels (Potentially Vulnerable Area 13/04) - SELKIRK

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130071800, 130081800, 130091800, 130101800, 130111800, 130121800 & 130181800	Existing defences along the Ettrick Water and Yarrow Water provide protection to residential, non-residential and community properties up to a 1 in 30 year event. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing. These defences will become redundant when construction of the Selkirk Flood Protection Scheme is completed in December 2016.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		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	Ongoing.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		event.			
Property level protection.	130071700, 130091700, 130111700 & 130181700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.
Flood warning schemes.	130071800, 130081800, 130091800, 130101800, 130111800, 130121800 & 130181800	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 are a number of SEPA flood warning schemes in place for Selkirk. These are Selkirk, Bannerfield and Riverside and Selkirk to Lindean for the Ettrick Water. There are also schemes in place for Ettrick Valley and Yarrow Valley for the	SEPA.	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Ettrick Water and Yarrow Water respectively. Ongoing.		
Maintain Ettrick Water flood warning scheme.	130323301810	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 Yarrow Water flood warning scheme.	130323481810	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.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Local flood warning schemes.		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 Scottish Borders Council flood warning scheme in place for the Philiphaugh, Ettrickhaugh and Bannerfield areas in Selkirk for the Longphilip Burn. Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Maintain Longphilip Burn local flood warning scheme.		This action has been identified for all existing local flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Sediment Management.	130070700, 130080700, 130090700, 130100700, 130110700, 130120700 & 130180700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	The existing offline sediment management basin on the Longphilip Burn in the Philiphaugh area of Selkirk will be incorporated into the Selkirk Flood Protection Scheme 2012 when the Scheme is completed	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			in December 2016.		
Construction of online and offline storage.	130071000, 130081000, 130091000, 130101000, 130111000 & 130121000	Upstream of Selkirk land with the potential to be used for online or offline storage has been identified. This could offer a reduction in flood risk along the Yarrow Water for medium likelihood events. Flood storage actions retain water in the upper catchment or away from the channel, to reduce level and flow in the river. The benefit of these actions decreases further downstream although they can be designed to benefit multiple communities.	Online storage at St. Marys Loch is being provided as part of the Selkirk Flood Protection Scheme 2012, which will be completed in December 2016.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Modification of Conveyance	130071100, 130081100, 130091100, 130101100, 130111100, 130121100 & 130181100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential benefits of these actions are greatest during high	Modification of conveyance in the Ettrick Water at Lindean is being provided as part of the Selkirk Flood Protection Scheme 2012, which will be completed in	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		probability events.	December 2016.		
Installation / modification of fluvial control.	130181200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	Modification of fluvial control at St. Marys Loch is being provided as part of the Selkirk Flood Protection Scheme 2012, which will be completed in December 2016.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of Direct Flood Defences.	130071400, 130081400, 130091400, 130101400, 130111400 & 130181400	Within Selkirk, 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. 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.	Direct flood defences are being provided as part of the Selkirk Flood Protection Scheme 2012, which will be completed in December 2016. The defences along the Ettrick Water and Yarrow Water will provide protection to residential, non-residential and community properties in Philiphaugh, Ettrickhaugh and	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Bannerfield up to a 1 in 200 year plus climate change event.		
			The defences along the Ettrick Water will provide protection to residential, non-residential and community properties in Riverside up to a 1 in 500 year plus climate change event.		
			The defences along the Longphilip Burn will provide protection to residential, non-residential and community properties in Philiphaugh, Ettrickhaugh and Bannerfield up to a 1 in 100 year plus climate change event.		
			The defences along the Shaw Burn will provide protection to residential, non-residential and		

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			community properties in the Shaw burn and Riverside areas up to a 1 in 200 year plus climate change event.		
Modelling and other assessments to improve knowledge of flood hazards and impacts.	130082200, 130082200, 130092200, 130102200, 130112200, 130122200 & 130182200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	Modelling and other assessment are being undertaken as part of the Selkirk Flood Protection Scheme 2012, which will be completed in December 2016.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

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.

130080500, are 130090500, be 130100500, has 130120500 & fur 130180500 pos cate size red	ea with the potential to will as been identified. The urther analysis has nown that due to its price and its pric	otential action which vill be subject to urther appraisal. If the	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
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Action	Action ID	Description	Status and Timing	Funding	Responsibility
		Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
River or floodplain restoration.	130070600, 130080600, 130090600, 130100600, 130110600 & 130120600 & 130180600	Upstream of Selkirk land with potential for river or floodplain restoration has been identified. Further analysis has shown that due to its positioning within the catchment and / or its size, this action will not reduce flood risk in the target area. Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council
Site protection plans.	130072100,	Site protection plans are	This is a short listed	Scottish Borders	Scottish Borders

Action	Action ID	Description	Status and Timing	Funding	Responsibility
	130082100, 130092100, 130102100, 130112100 & 130122100	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.	potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Council's capital budget and Scottish Government's capital budget.	Council.
Improve signup of Ettrick Water flood warning scheme.	130323301822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Ettrick Water flood warning scheme.	130323301830	This action has been identified because other	Potential actions are drawn from a short list	The maintenance of SEPA's flood warning	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		structural actions are being considered in this area which may reduce the need for a detailed flood warning scheme.	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.	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.	
Improve signup of Yarrow Water flood warning scheme.	130323481822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Yarrow Water flood warning scheme.	130323481830	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	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	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			actions that are identified as being of	grant funding to enable SEPA to	
			priority are dependent	implement new flood	
			on funding.	warning schemes.	

Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels (Potentially Vulnerable Area 13/04) - PEEBLES

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundii	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130130100	Existing defences along the Edderston Burn provide protection to residential and non-residential properties up to a 1 in 30 year event. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Property level protection.	130131700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.
Flood warning schemes.	130131800	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 are a number of SEPA flood warning schemes in place for Peebles. These are the Peebles scheme for the Eddleston Water and the Peebles and Peebles to Yair schemes for the River Tweed. There are also a number of SEPA flood warning schemes in	SEPA.	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			place upstream of Peebles. These are the Shiplaw to Crossburn including the Eddleston scheme for the Eddleston Water, the Romannobridge to Lyne Station scheme for the Lyne Water and the Dawyck to Lyne Ford scheme for the River Tweed. Ongoing.		
Maintain Eddleston Water flood warning scheme.	130323271810	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 Lyne Water flood warning scheme.	130323361810	This action has been identified for all existing flood warning schemes. It	Ongoing.	The maintenance of SEPA's flood warning service is funded by	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		will be appropriate where the existing scheme meets the needs of the local community.		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.	
Maintain Tweed flood warning scheme.	130323441810	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.
Peebles covered by a surface water management plan.	130052382	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Section 16 Assessment of the risk of flooding from sewerage systems.		Scottish Water to undertake an assessment identifying where in Peebles it considers a flood is likely to originate from its sewerage system and estimating the volume of water which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.
Modelling and other assessments to improve knowledge of surface water flood hazards and impacts.		This action has been identified to inform development of the surface water management plan.	A Flood Study for potential surface water flooding of the Edderston Burn area of Peebles is to be undertaken in 2018/2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Modelling and other assessments to improve knowledge of surface water flood hazards and impacts.		This action has been identified to inform development of the surface water management plan.	A Flood Study for potential surface water flooding of the Kingsmeadows area of Peebles is to be undertaken in 2018/2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

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.

Runoff Control.	130130500	Upstream of Peebles an	This is a short listed	Scottish Borders	Scottish Borders
		area with the potential to	potential action which	Council's capital	Council.
		be used for runoff control	will be subject to	budget and Scottish	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		has been identified. This could offer some reduction in flood risk along the River Tweed, Kingledoors Burn and Holms Burn, among other burns for high likelihood events. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Government's capital budget.	
River or floodplain restoration.	130130600	Upstream of Peebles land with the potential to be used for river or floodplain restoration has been identified. This could offer some reduction in flood risk along the River Tweed, Eddleston Water and other watercourses for a high likelihood event.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	for this action in Scottish Borders Council's capital plan to 2024/25.		
Sediment Management.	130130700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Modification of Conveyance	130131100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		benefits of these actions are greatest during high probability events.	dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Installation / modification of fluvial control.	130131200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of Direct flood Defences.	130131400	Within Peebles, the potential to construct direct defences has been identified to reduce the risk to residential and non-	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		residential properties from a medium likelihood flood event. 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.	priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Site protection plans.	130302100	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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	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	130132200	Improved knowledge of the risks from different events helps to develop	A Flood Study for Peebles is to be developed in 2017 and	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
and impacts.		plans to avoid or mitigate future flooding to sensitive areas.	2018.		
Improve signup of Eddleston Water flood warning scheme.	130323271822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Eddleston Water flood warning scheme.	130323271830	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.
Simplify Lyne Water flood warning scheme.	130323361830	This action has been identified because other structural actions are	Potential actions are drawn from a short list of options that are	The maintenance of SEPA's flood warning service is funded by	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		being considered in this area which may reduce the need for a detailed flood warning scheme.	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.	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.	
Improve signup of Tweed flood warning scheme.	130323441822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Tweed flood warning scheme.	130323441830	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	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	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			priority are dependent	implement new flood	
			on funding.	warning schemes.	

Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels (Potentially Vulnerable Area 13/04) - INNERLEITHEN

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundii	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130140100	Existing surface water flood defences provide protection to residential and non-residential properties from between a 1 in 2 to 1 in 10 year event. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		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	Ongoing.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		event.			
Property level protection.	130141700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.
Flood warning schemes.	130141800	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 are a number of SEPA flood warning schemes in place for Innerleithen. These are the Innerleithen scheme for the Leithen Water and the Peebles to Yair scheme for the River Tweed. Ongoing.	SEPA.	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Maintain Leithen Water flood warning scheme.	130323351810	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 Tweed flood warning scheme.	130323441810	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.

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.

Runoff Control.	130140500	Upstream of Innerleithen	This is a short listed	Scottish Borders	Scottish Borders
		an area with the potential	potential action which	Council's capital	Council.
		to be used for runoff	will be subject to	budget and Scottish	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		control has been identified. Further analysis has shown that due to its positioning within the catchment and/ or its size, this action will not reduce flood risk in the target area. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Government's capital budget.	
River or floodplain restoration.	130140600	Upstream of Innerleithen land with potential for river or floodplain restoration has been identified. Further analysis has shown that due to its positioning within the catchment and / or its size, this action will not reduce flood risk in the target area.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	for this action in Scottish Borders Council's capital plan to 2024/25.		
Sediment Management.	130140700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Modification of Conveyance	130141100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		benefits of these actions are greatest during high probability events.	dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Installation / modification of fluvial control.	130141200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of Direct flood Defences.	130141400	Within Innerleithen, the potential to construct direct defences has been identified to reduce the risk to residential and non-	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		residential properties from a medium likelihood flood event. 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.	priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Site protection plans.	130142100	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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	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	130132200	Improved knowledge of the risks from different events helps to develop	A Flood Study for Innerleithen is to be developed in 2017 and	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
and impacts.		plans to avoid or mitigate future flooding to sensitive areas.	2018.		
Improve signup of Leithen Water flood warning scheme.	130323351822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Leithen Water flood warning scheme.	130323351830	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 signup of Tweed flood warning scheme.	130323441822	This action has been identified because the sign-up rate in some of	Potential actions are drawn from a short list of options that are	The maintenance of SEPA's flood warning service is funded by	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the FWTAs within this scheme is less than the target of 40%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.	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.	
Simplify Tweed flood warning scheme.	130323441830	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.

Eddleston, Peebles, Innerleithen, Selkirk, Stow and Galashiels (Potentially Vulnerable Area 13/04) - GALASHIELS

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in the Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130150100, 130160100, 130170100 & 130180100	The Galashiels – Plumtree/Wilderhaugh Flood Prevention Scheme 1987 and the Galashiels - Netherdale Flood Prevention Scheme 1987 along the Gala Water provided protection to residential, non-residential and community properties up to a 1 in 25 year event. These schemes were replaced by the Galashiels (Plumtree & Wilderhaugh and Netherdale) Flood Prevention Scheme 2010 which was completed in October 2014. This scheme provides protection to residential, non-residential and community properties in Plumtree, Wilderhaugh and town centre up to a 1 in 75 year event and	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		Netherdale up to a 1 in 200 plus climate change year event for the Gala Water. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance			
		activities may vary.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.	130151700 & 130181700	None of the properties that have been identified to be at risk of flooding are deemed suitable for property level protection.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property	Scottish Borders Council's capital budget.	Property Owner.

Action ID	Description	Status and Timing	Funding	Responsibility
	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.	level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.		
130151800, 130161800, 130171800 & 130181800	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 are a number of SEPA flood warning schemes in place for Galashiels. These are Galashiels including Bowland and Galashiels Netherdale schemes for the Gala Water and Tweedbank to Floors for the River Tweed. There are also schemes in place for the Gala Water Valley which are the Stow and the Galashiels including Bowland schemes for the Gala Water.	SEPA.	SEPA.
	130161800, 130171800 &	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. 130151800, 130161800, 130171800 & 130171800 & 130181800 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	this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. 130151800, 130161800, 130171800 & 130171800 & 130181800 There are a number of SEPA flood warning schemes in place for Galashiels. These are Galashiels including bowland schemes for the Gala warning schemes for the Galashiels including Bowland schemes for the Galashiels including Bowland schemes for the Galashiels including Bowland schemes for the Gala	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. 130151800, 130161800, 130181800 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. Property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing. There are a number of SEPA. SEPA flood warning schemes in place for Galashiels including Bowland and Galashiels Netherdale schemes for the Gala Water and Tweedbank to Floors for the River Tweed. There are also schemes in place for the Gala Water Valley which are the Stow and the Galashiels including Bowland schemes for the Gala Water.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Maintain Gala Water and Leader Water flood warning scheme.	130323321810	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 Tweed flood warning scheme.	130323441810	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.
Local flood warning schemes.		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	There is a Scottish Borders Council flood warning scheme in place for Bank Street in Galashiels for the Bakehouse Burn.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		/ possessions out of the floodplain and by placing temporary barriers to reduce flooding impacts.	Ongoing.		
Maintain Bakehouse Burn local flood warning scheme.		This action has been identified for all existing local flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Galashiels, Melrose and Tweedbank covered by a surface water management plan.	130052381	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Galashiels, Melrose and Tweedbank integrated catchment study.	13005239	An integrated catchment study will be carried out to improve knowledge and understanding of surface water flood risk and interactions with other sources of flooding e.g. with the sewer network and watercourses.	Confirmed. Planned to be carried out between 2015 and 2021.	Scottish Borders Council's revenue budget and Scottish Water.	Scottish Water led in partnership with Scottish Borders Council and SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Section 16 Assessment of the risk of flooding from sewerage systems.		Scottish Water to undertake an assessment identifying where in Galashiels it considers a flood is likely to originate from its sewerage system and estimating the volume of water which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.
Modelling and other assessments to improve knowledge of surface water flood hazards and impacts.		This action has been identified to inform development of the integrated catchment study and the surface water management plan.	A Flood Study for potential surface water flooding of the Balmoral and Galashiels Academy area of Galashiels is to be undertaken in 2016/2017.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Modelling and other assessments to improve knowledge of surface water flood hazards and impacts.		This action has been identified to inform development of the integrated catchment study and the surface water management plan.	A Flood Study for potential surface water flooding of the Borders General Hospital area of Melrose is to be undertaken in 2016/2017.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Modification of Conveyance	130151100, 130161100, 130161100 & 130181100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or	Modification of conveyance in the Gala Water at Comely Bank has been provided as part of the	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		increasing cross sectional area. The potential benefits of these actions are greatest during high probability events.	Galashiels (Plumtree & Wilderhaugh and Netherdale) Flood Prevention Scheme 2010, which was completed in October 2014.		
Construction of Direct Flood Defences.	130151400, 130161400, 130171400 & 130181400	Within Galashiels, 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. 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.	Direct flood defences have been provided as part of the Galashiels (Plumtree & Wilderhaugh and Netherdale) Flood Prevention Scheme 2010, which was completed in October 2014. The defences along the Gala Water provide protection to residential, nonresidential and community properties in Plumtree, Wilderhaugh and town centre up to a 1 in 75 year event and in Netherdale up to a 1 in 200 year plus climate change event.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Modelling and other assessments to improve knowledge of flood hazards and impacts.	130152200, 130162200, 130172200 & 130182200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	Modelling and other assessment have been undertaken as part of the Galashiels (Plumtree & Wilderhaugh and Netherdale) Flood Prevention Scheme 2010, which was completed in October 2014.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

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.

		.	1 0	<u> </u>	
130 130	30160500, 30170500 & 30180500	Upstream of Galashiels an area with the potential to be used for runoff control has been identified. This could offer some reduction in flood risk along the Shiel Burn and Wooly Burn for high likelihood events. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		These actions often experience the greatest benefits in areas of high probability flooding.			
River or floodplain restoration.	130150600, 130160600, 130170600 & 130180600	Upstream of Galashiels land with the potential to be used for river or floodplain restoration has been identified. This could offer some reduction in flood risk for a high likelihood event. Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Sediment Management.	130150700, 130160700, 130170700 & 130180700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Installation / modification of fluvial control.	130151200, 130161200, 130171200 & 130181200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Site protection plans.	130152100, 130162100 & 130182100	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	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the network.	funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Improve signup of Ettrick Water flood warning scheme.	130323301822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Ettrick Water flood warning scheme.	130323301830	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	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	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			priority are dependent on funding.	implement new flood warning schemes.	
Improve signup of Yarrow Water flood warning scheme.	130323481822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Yarrow Water flood warning scheme.	130323481830	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.

Earlston (Potentially Vulnerable Area 13/05)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130190100	Existing defences along the Turfford Burn provide protection to residential and non-residential properties up to a 1 in 25 year event although some properties have been affected during more frequent flood events. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		Watercourse clearance and repair can prevent debris accumulating within channels, which may otherwise result in increased flood risk. This can be undertaken as a	Ongoing.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works	Scottish Borders Council and Riparian Owners.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		regular planned activity or in response to a flood event.		will substantially reduce flood risk.	
Property level protection.	130191700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.
Flood warning schemes.	130191800	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	There is a SEPA flood warning scheme in place for Earlston for the Leader Water. Ongoing.	SEPA.	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		temporary barriers to reduce flooding impacts.			
Maintain Gala and Leader Water flood warning scheme.	130323321810	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.

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.

River or floodplain	130190600	Upstream of Earlston,	This is a shorted listed	Scottish Borders	Scottish Borders
restoration.		land with the potential for	potential action which	Council's capital	Council.
		river or floodplain	will be subject to	budget and Scottish	
		restoration has been	further appraisal. If the	Government's capital	
		identified. This could offer	action is identified as a	budget.	
		some reduction in flood	priority, the delivery		
		risk along the Leader	and timing will be		
		Water, Lauder Burn,	dependent on the		
		Turfford Burn and other	funding settlement		
		burns for a high likelihood	from Scottish		
		event.	Government. There is		
			currently no provision		
		Restoring the river	for this action in		

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	Scottish Borders Council's capital plan to 2024/25.		
Sediment Management.	130190700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	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 dependant on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Modification of conveyance.	130191100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential	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	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		benefits of these actions are greatest during high probability events.	dependant on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Installation / modification of fluvial control.	130191200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	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 dependant on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of direct flood defences.	130191400	Within Earlston, the potential to construct direct defences has been identified to reduce the risk to residential and non-	This is a shorted listed potential action which will be subject to further appraisal. If the action is identified as a	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		residential properties from a medium likelihood flood event. 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.	priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Site protection plans.	130192100	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.	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 dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	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	130192200	Improved knowledge of the risks from different events helps to develop	A Flood Study for Earlston is to be developed in 2019 and	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
and impacts.		plans to avoid or mitigate future flooding to sensitive areas.	2020.		
Improve signup of Gala and Leader Water flood warning scheme.	130323321822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Gala and Leader Water flood warning scheme.	130323321830	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.

Coldstream (Potentially Vulnerable Area 13/06)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.		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 flood warning scheme in place in Coldstream. This is Kelso to Coldstream and Coldstream Town for the River Tweed. Ongoing.	SEPA.	SEPA.
Maintain Tweed flood warning scheme.	130323441810	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.

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.

Improve signup of Tweed	130323441822	This action has been	Potential actions are	The maintenance of	SEPA.
flood warning scheme.		identified because the	drawn from a short list	SEPA's flood warning	
		sign-up rate in some of	of options that are	service is funded by	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the FWTAs within this scheme is less than the target of 40%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.	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.	
Simplify Tweed flood warning scheme.	130323441830	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.

Biggar (Potentially Vulnerable Area 13/07)

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.									
Clearance and repair.		Watercourse maintenance can prevent debris accumulating within channels, which may otherwise result in an increased flood risk. It can be undertaken as a regular planned activity or in response to a flood event.	Ongoing.	Existing authority budgets where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Local Authorities and Riparian Owners.				
Asset Management - Maintenance of existing flood protection schemes.	130210100	An existing Flood Accommodation System at Biggar High School provides a Flood Warning and Routing System to the school sending an alert for flood panels to be opened, routing flood water underneath the school.			South Lanarkshire Council.				
		On-going maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.							

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Emergency Planning and Response.		Emergency response plans are applicable for all flood sources and likelihoods. They set out the steps to be taken during a flood event to maximise safety and minimise impacts where possible.	Ongoing.	Existing authority budgets.	Local Authorities.
Land Use Planning.		Avoid development in medium to high risk areas.	Ongoing.	Existing authority budgets.	Local Authorities.
		Application of national and local planning policies, including objectives and actions identified in the LPD development plan.	Ongoing.	Existing authority budgets.	Local Authorities.
		Local planning authorities work in partnership to undertake a catchment-wide SFRA to inform their development plan allocations in line with SEPA's guidance on SFRA's and Land Use Vulnerability. SFRA findings are used to inform development plan allocations.	Ongoing.	Existing authority budgets.	Local Authorities.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		Local planning authorities and SEPA require the submission of flood risk assessments that accord with SEPA's Technical Flood Risk Guidance for Stakeholders, to support planning applications where there is a potential flood risk. The FRA should be used to demonstrate as far as possible that the development will be safe for its lifetime, without increasing flood risk elsewhere and, where possible, takes opportunities to reduce flood risk overall.	Ongoing.	Existing authority budgets.	Local Authorities and SEPA.
		SEPA ensures that its flood risk advice to planning authorities is clear and appropriate. SEPA in consultation with LPAs will undertake an annual assessment of planning advice and its contribution to flood risk.	Ongoing.	Existing authority budgets.	Local Authorities and SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		SEPA and local planning authorities engage at an early stage of the development plan process to agree appropriate forms of development to help inform the preparation and implementation of the SFRA.	Ongoing.	Existing authority budgets.	SEPA.
		New development is resilient to predicted future changes in climate – local planning authorities ensure that climate change is considered in SFRA and flood risk assessments based upon the best scientific evidence and the information requirements of planners to make informed decisions.	Ongoing.	Existing authority budgets.	Local Authorities.
Awareness Raising.		Self help actions can be undertaken by any individuals, businesses, organisations or communities at risk of flooding. They are applicable to all sources and probabilities of flooding. They focus on awareness and	Ongoing.	Existing authority budgets.	All Responsible and Competent Authorities.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		understanding of the flood risk. 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 <0.6m in areas of high probability flooding. 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.			
Flood Forecasting.		Flood forecasting is a key part in the delivery of a flood warning service, which allows people to take appropriate action to reduce the risk to themselves, their homes, businesses and communities.	Ongoing.	SEPA budget.	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Individuals taking action to protect themselves and their property from flooding.		Self help actions can be undertaken by any individuals, businesses, organisations or communities at risk of flooding. They are applicable to all sources and probabilities of flooding. They focus on awareness and understanding of the flood risk. 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 <0.6m in areas of high probability flooding. 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.	Ongoing.		Individuals, businesses, organisations or communities at risk of flooding.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
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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.

Runoff control.	130210500	Upstream of Biggar an area with the potential to be used for run off control has been identified. This could offer a limited reduction in flood risk along the Biggar Burn and some drains for high likelihood events. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	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 the funding settlement from Scottish Government for the period 2016-2021.	South Lanarkshire Council.
River or floodplain restoration.	130210600	Upstream of Biggar land with the potential to be used for river or floodplain restoration has been identified. This will provide no reduction in flood risk for a high likelihood event. Restoring the river corridor	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 the funding settlement from Scottish Government for the period 2016-2021.	South Lanarkshire Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.			
Sediment management.	130210700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltiation at structures and other key areas.	terms of their relative of delivery and timing of the	oing further analysis in ost and benefit. The nose actions that are riority are dependent on from Scottish	South Lanarkshire Council.
Construction of online and offline storage.	130211000	Upstream of Biggar land with the potential to be used for online or offline storage has been identified. This could offer a reduction in flood risk along the Biggar Burn for medium likelihood events. Flood storage actions retain water in the upper catchment or away from the channel, to reduce level and flow in the river. The benefit of these actions decreases further downstream although they can be designed to benefit	options that are undergoterms of their relative of delivery and timing of the control of the con	nose actions that are riority are dependent on from Scottish	South Lanarkshire Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		multiple communities.			
Modification of conveyance.	130211100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential benefits of these actions are greatest during high probability events.	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 the funding settlement from Scottish Government for the period 2016-2021.		South Lanarkshire Council.
Construction of direct flood defences.	130211400	Within Biggar, 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. Direct defence actions aim	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 the funding settlement from Scottish Government for the period 2016-2021.		South Lanarkshire Council.
		to reduce the risk of flooding by placing a designed barrier between the flooding source and the receptors at flood risk.			
Property level protection.	130211700	Property level protection can reduce flood impact by restricting water entering a property, or using construction techniques which are resilient to flood	Potential actions are dra options that are undergo terms of their relative co delivery and timing of the identified as being of pr the funding settlement f	oing further analysis in ost and benefit. The nose actions that are iority are dependent on	South Lanarkshire Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		water. It is most beneficial for flood depths less than 0.6m in areas of high probability flooding.	Government for the period 2016-2021.		
Site protection plans.	130212100	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.	options that are underg terms of their relative of delivery and timing of t	hose actions that are riority are dependent on from Scottish	South Lanarkshire Council.
Improved understanding.	130212200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	options that are undergoterms of their relative of delivery and timing of t	hose actions that are riority are dependent on from Scottish	South Lanarkshire Council.

Broughton (Potentially Vulnerable Area 13/08)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.	130221700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.	130221800	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 flood warning scheme in place for the River Tweed from Drumelzier to Dawyck. Ongoing.	SEPA.	SEPA.
Maintain Tweed flood warning scheme.	130323441810	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.

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.

Runoff Control.	130220500	Upstream of Broughton an	This is a short listed	Scottish Borders	Scottish Borders
		area with the potential to	potential action which	Council's capital	Council.
		be used for runoff control	will be subject to	budget and Scottish	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		has been identified. This could offer some reduction in flood risk along the Broughton Burn, Linn Burn and some drains for high likelihood events. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Government's capital budget.	
Sediment Management.	130220700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Scottish Borders Council's capital plan to 2024/25.		
Construction of Direct flood Defences.	130221400	Within Broughton, 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. 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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Site protection plans.	130222100	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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.		
Modelling and other assessments to improve knowledge of flood hazards and impacts.	130222200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Improve signup of Tweed flood warning scheme.	130323441822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved	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	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	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		via a targeted communications campaign.	identified as being of priority are dependent on funding.	enable SEPA to implement new flood warning schemes.	
Simplify Tweed flood warning scheme.	130323441830	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.

Kelso (Potentially Vulnerable Area 13/09)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS. A	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.	130321800	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 are a number of SEPA flood warning schemes in place for Kelso. These are Monteviot to Kelso for the Teviot Water and Tweedbank to Floors and Kelso to Coldstream for the River Tweed. Ongoing.	SEPA.	SEPA.
Maintain Teviot Water flood warning scheme.	130323431810	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 Tweed flood warning scheme.	130323441810	This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme	Ongoing.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		meets the needs of the local community.		in aid settlement. In addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	
Kelso covered by a surface water management plan.	13023238	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Section 16 Assessment of the risk of flooding from sewerage systems.		Scottish Water to undertake an assessment identifying where in Kelso it considers a flood is likely to originate from its sewerage system and estimating the volume of sewerage which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.

Action A	Action ID	Description	Status and Timing	Funding	Responsibility
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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.

Improve signup of Teviot Water flood warning scheme. Simplify Teviot Water flood	130323431822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign. This action has been	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. The maintenance of	SEPA.
warning scheme.		identified because other structural actions are being considered in this area which may reduce the need for a detailed flood warning scheme.	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.	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.	
Improve signup of Tweed flood warning scheme.	130323441822	This action has been identified because the sign-up rate in some of	Potential actions are drawn from a short list of options that are	The maintenance of SEPA's flood warning service is funded by	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the FWTAs within this scheme is less than the target of 40%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.	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.	
Simplify Tweed flood warning scheme.	130323441830	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.

Jedburgh (Potentially Vulnerable Area 13/10)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Maintenance of existing flood protection schemes.	130260100	Existing defences along the Jed Water provide protection to residential and non-residential properties up to a 1 in 75 year event. Ongoing maintenance of existing defences will ensure they continue to offer protection from flooding. This applies to all types of existing defences although appropriate maintenance activities may vary.	Ongoing.	Scottish Borders Council's revenue and capital budgets.	Scottish Borders Council.
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Property level protection.	130261700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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.	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.
Flood warning schemes.	130261800	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 flood warning scheme in place for the Jed Water from Camptown to Jedburgh and Jedburgh to Jedfoot Bridge. Ongoing.	SEPA.	SEPA.
Maintain Jed Water flood warning scheme.	130323341810	This action has been identified for all existing	Ongoing.	The maintenance of SEPA's flood warning	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.		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.	
Local flood warning schemes.		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 Scottish Borders Council flood warning scheme in place for the Skiprunning Burn in Jedburgh. Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Maintain Skiprunning Burn local flood warning scheme.		This action has been identified for all existing local flood warning schemes. It will be appropriate where the existing scheme meets the needs of the local community.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Jedburgh covered by a surface water management plan.	13024238	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Section 16 Assessment of the risk of flooding from sewerage systems.		Scottish Water to undertake an assessment identifying where in Jedburgh it considers a flood is likely to originate from its sewerage system and estimating the volume of sewerage which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.
Construction of Jedburgh (Skiprunning Burn) Flood Protection Scheme 2014.		This Scheme consists of a number of elements which are designed to reduce the risk of surface water flooding to Jedburgh from the Skiprunning Burn, through the principle of debris management and conveyance improvement. The scheme does not include any direct	Notice of the scheme was published on 13 November 2014. Construction of the scheme is to be undertaken in 2015 and 2016.	Scottish Borders Council's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		defences (new or raised walls or embankments) or formal flood storage.			

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.

Runoff Control.	130260500	Upstream of Jedburgh an area with the potential for runoff control has been identified. This could offer some reduction in flood risk along the Carter Burn, Black Burn, Duntae Burn, Jed Water, Raven Burn and March Sike for high likelihood events. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Sediment Management.	130260700	Sediment management can help control the sediment balance in the	This is a short listed potential action which will be subject to	Scottish Borders Council's capital budget and Scottish	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Government's capital budget.	
Modification of conveyance.	130261100	Conveyance modification aims to reduce flooding by moving flow more efficiently: speeding it up, removing constrictions or increasing cross sectional area. The potential benefits of these actions are greatest during high probability events.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Installation / modification of fluvial control.	130261200	Fluvial control structures can reduce flood levels to a target area by either restricting or increasing channel flow. The impact of these structures can vary significantly depending on type and location of the structures being added or modified.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of Direct flood Defences.	130221400	Within Jedburgh, the potential to construct direct defences has been identified to reduce the risk to residential and nonresidential properties from a medium likelihood flood event 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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			to 2024/25.		
Site protection plans.	130262100	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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	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 and impacts.	130262200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Scottish Borders Council's capital plan to 2024/25.		
Improve signup of Jed Water flood warning scheme.	130323341822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Jed Water flood warning scheme.	130323341830	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.

Denholm (Potentially Vulnerable Area 13/11)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS.	Actions that are either underv	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.		Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.		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 flood warning scheme in place in Denholm. This is Hawick to Monteviot for the Teviot Water. Ongoing.	SEPA.	SEPA.
Maintain Teviot Water flood warning scheme.	130323431810	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.

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.

Improve signup of Teviot	130323431822	This action has been	Potential actions are	The maintenance of	SEPA.
Water flood warning		identified because the	drawn from a short list	SEPA's flood warning	
scheme.		sign-up rate in some of	of options that are	service is funded by	

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		the FWTAs within this scheme is less than the target of 40%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.	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.	
Simplify Teviot Water flood warning scheme.	130323431830	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.

Hawick (Potentially Vulnerable Area 13/12)

Action	Action ID	Description	Status and Timing	Funding	Responsibility
ONGOING AND CONFIR	MED ACTIONS.	Actions that are either underw	vay or where the fundi	ng has been confirmed fo	or 2016-2021.
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	groups). Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.	130301700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			
Flood warning schemes.	130301800	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 are a number of SEPA flood warning schemes in place for Hawick. These are the Hawick scheme for the Slitrig Water and Hawick and Hawick to Monteviot schemes for the River Teviot. Ongoing.	SEPA.	SEPA.
Maintain Slitrig Water flood warning scheme.	130323391810	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 Teviot Water flood warning scheme.	130323431810	This action has been identified for all existing flood warning schemes. It will be appropriate where the existing scheme meets the needs of the	Ongoing.	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		local community.		addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	
Hawick covered by a surface water management plan.	13028238	The area must be covered by a surface water management plan or plans that set objectives for the management of surface water flood risk and identify the most sustainable actions to achieve the objectives.	Ongoing. Recommended actions agreed by all partners identified by 2019.	Scottish Borders Council's revenue budget.	Scottish Borders Council.
Section 16 Assessment of the risk of flooding from sewerage systems.		Scottish Water to undertake an assessment identifying where in Hawick it considers a flood is likely to originate from its sewerage system and estimating the volume of sewerage which is likely to be released in the event of such flood.	Scottish Water to undertake the Section 16 Assessment in the period 1 April 2015 to 31 March 2021.	Scottish Water.	Scottish Water.
Modelling and other assessments to improve knowledge of surface water flood hazards and impacts.		This action has been identified to inform development of the surface water management plan.	A Flood Study for potential surface water flooding of emergency services facilities in the Wilton area of	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
			Hawick, is to be undertaken in 2017/2018.		

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.

Runoff Control.	130300500	Upstream of Hawick an area with the potential to be used for runoff control has been identified. This could offer some reduction in flood risk along the River Teviot, Frostlie Burn, Linhope Burn and other watercourses for a high likelihood event. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
River or floodplain restoration.	130300600	Upstream of Hawick land with the potential to be	This is a short listed potential action which	Scottish Borders Council's capital	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		used for river or floodplain restoration has been identified. This could offer some reduction in flood risk for a high likelihood event. Restoring the river corridor to a more natural state aims to enhance the capacity of the floodplain to hold back water which can reduce the risk of flooding downstream.	will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	budget and Scottish Government's capital budget.	
Sediment Management.	130300700	Sediment management can help control the sediment balance in the catchment, maintain channel capacity and reduce the impact of siltation at structures and other key areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Construction of online and offline storage.	130301000	No storage sites are identified as part of Scottish Borders Council's preferred flood protection scheme for Hawick. Flood storage actions retain water in the upper catchment or away from the channel, to reduce level and flow in the river. The benefit of these actions decreases further downstream although they can be designed to benefit multiple communities.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Construction of Direct flood Defences.	130301400	Within Hawick, 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. 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.	Scottish Borders Council is promoting a flood protection scheme for Hawick to provide protection to residential and non- residential properties up to a 1 in 75 year event. The preferred scheme consists of a number of direct flood defence elements. There is provision in Scottish Borders Council's capital plan	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Site protection plans.	130302100	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.	to 2024/25 for scheme preparation. Construction, which is programmed for 2019 to 2021, is however dependent on the funding settlement from Scottish Government. This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan	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 and impacts.	130302200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive	to 2024/25. Scottish Borders Council is promoting a flood protection scheme for Hawick to provide protection to	Scottish Borders Council's revenue budget.	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		areas.	residential and non-residential properties up to a 1 in 75 year event. The preferred scheme consists of a number of direct flood defence elements. There is provision in Scottish Borders Council's capital plan to 2024/25 for scheme preparation. This includes modelling and other assessments to improve knowledge of flood hazards and impacts.		
Improve signup of Slitrig Water flood warning scheme.	130323391822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
Simplify Slitrig Water flood warning scheme.	130323391830	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 signup of Teviot Water flood warning scheme.	130323431822	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%. If the action is progressed, the sign-up rate for the relevant FWTAs will be improved via a targeted communications campaign.	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 Teviot Water flood warning scheme.	130323431830	This action has been identified because other structural actions are being considered in this area which may reduce the need for a detailed	Potential actions are drawn from a short list of options that are undergoing further analysis in terms of their relative cost and	The maintenance of SEPA's flood warning service is funded by Scottish Government through SEPA's grant in aid settlement. In	SEPA.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flood warning scheme.	benefit. The delivery and timing of those actions that are identified as being of priority are dependent on funding.	addition, the Government provide grant funding to enable SEPA to implement new flood warning schemes.	

Bonchester Bridge (Potentially Vulnerable Area 13/13)

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.									
Land use planning.		Application of national and local planning policies including objectives and actions in Local Plan District development plan.	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				
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. They focus on awareness and understanding of the flood risk.	Ongoing.	Individuals, businesses, organisations and communities. SEPA. Scottish Borders Council's revenue and capital budgets.	Individuals, businesses, organisations and communities. SEPA (awareness raising, flood warnings). Scottish Borders Council (awareness raising, flood warnings, subsidised flood products scheme and supporting resilient communities groups).				
Emergency planning.		Emergency response plans are applicable for all sources of flooding. They set out the steps to be	Ongoing.	Scottish Borders Council's revenue budget.	Scottish Borders Council.				

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		taken during a flood event to maximise safety and minimise impacts where possible.			
Watercourse clearance and repair.		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.	Scottish Borders Council's revenue budget where responsibility for clearance and repair lies with the Local Authority and works will substantially reduce flood risk.	Scottish Borders Council and Riparian Owners.
Property level protection.	130321700	Some of the properties that have been identified to be at risk of flooding may be suitable for property level protection. 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	Scottish Borders Council operates a subsided flood products scheme to assist property owners to implement property level protection where this will reduce flood risk. The effectiveness of property level protection is dependent on availability of flood warnings. Ongoing.	Scottish Borders Council's capital budget.	Property Owner.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		flooding.			

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.

Runoff Control.	130320500	Upstream of Bonchester Bridge an area with the potential for runoff control has been identified. Further analysis has shown that due to its positioning within the catchment and / or its size, this action will not reduce flood risk in the target area. Runoff control actions look to enhance the natural catchment ability to capture and slow runoff water reaching the receiving watercourses. These actions often experience the greatest benefits in areas of high probability flooding.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Sediment Management.	130320700	Sediment management can help control the sediment balance in the catchment, maintain	This is a short listed potential action which will be subject to further appraisal. If the	Scottish Borders Council's capital budget and Scottish Government's capital	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		channel capacity and reduce the impact of siltation at structures and other key areas.	action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	budget.	
Construction of direct flood defences.	130321400	Within Bonchester Bridge, 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. 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.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.
Site protection plans.	130322100	Site protection plans are developed to identify	This is a short listed potential action which	Scottish Borders Council's capital	Scottish Borders Council.

Action	Action ID	Description	Status and Timing	Funding	Responsibility
		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.	will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	budget and Scottish Government's capital budget.	
Modelling and other assessments to improve knowledge of flood hazards and impacts.	130322200	Improved knowledge of the risks from different events helps to develop plans to avoid or mitigate future flooding to sensitive areas.	This is a short listed potential action which will be subject to further appraisal. If the action is identified as a priority, the delivery and timing will be dependent on the funding settlement from Scottish Government. There is currently no provision for this action in Scottish Borders Council's capital plan to 2024/25.	Scottish Borders Council's capital budget and Scottish Government's capital budget.	Scottish Borders Council.