

# THE PLAN ACTIONS

## Status Report – Sept- Oct 2015

Action completed:



Colour code key to Tables:



Funding – How much does it cost?

Funded



Funding source identified, but not fully secured



Funding source to be identified

No.	ACTION	GENERAL PROGRESS - STATUS	WHEN	HOW MUCH DOES IT COST?	WHO LEADS IT?
<b>DREDGING AND RIVER MANAGEMENT</b>					
<b>W1.1</b>	<b>Initial dredge</b>				
W1.1.1	Dredge 4km of River Tone upstream of Burrowbridge and 4km of the River Parrett below their confluence at Burrowbridge, to 1960s river profile.	8km dredge complete.	To start by end March 2014	£5.7m	EA
W1.1.2	Maintaining newly dredged profiles	Tenders are due back 05/10/15 with anticipated award date of 16/10/15. The agreement with the EA to enable the IDB to undertake work on 'main river' using the EA's powers is running in parallel. Works are expected to commence early November	2015/16	£487k from SRA Enhanced Maintenance Programme	Somerset Rivers Authority (IDB as Technical commissioner)
		2016/2017 needs to be met from new SRA funding	2016/17		
<b>W1.2</b>	<b>Additional dredging</b>				
W1.2.1	Review effectiveness of dredging and identify additional suitable locations across the catchment, as appropriate	Technical reports for the 'effectiveness of additional dredging at 10 additional sites' complete	2014	From existing resources and IDB precept funding.	EA
W1.2.2	Implement additional dredging as appropriate	Final tender costs have been received for the next phase of dredging on the River Parrett; these are more than expected and exceed the budget	2015-2016	>£3m available over 2 years via Growth Deal 1 and SRA Enhanced Maintenance	Somerset Rivers Authority (EA as Technical commissioner for Parrett and Cripps,

		available this year. In addition the re-modelled in combination physical benefits to people and property are fairly limited. The SRA Board considered the tender proposals at the September Board meeting and agreed to defer a decision until the end of October, when the maintenance dredge tenders will be back and may offer an alternative and cheaper method.  Partners are also looking at alternative dredging techniques as a possible more sustainable and cost effective solution for the future.		Programme	IDB for Brue)
W1.1.3	Maintaining additional dredged profiles	On site monitoring to be carried out following the completion of the maintenance dredging W1.1.2	2016 onwards	£?/yr	Somerset Rivers Authority (IDB as Technical Commissioner)
<b>W1.3</b>	<b>Maintenance of river systems</b>				
W1.3.1	Maintain rivers and small watercourses to achieve conveyance most effectively to existing standards	EA's and IDB's annual routine maintenance programme for 14/15 was delivered	On-going	Maintenance allocation for 15/16 for the Brue & Axe, Tone & Parrett and North Somerset is £2.5m	EA, IDBs, and landowners
W1.3.2	Additional maintenance	Progress is being made on all aspects of the Enhanced Maintenance Programme. Any changes, along with bids for additional projects will be reported and considered by the SRA in a separate report.	2015/16	£400k from Enhanced Maintenance Programme	Somerset Rivers Authority (Technical Commissioners EA, IDB and SCC)
			2016/17	Unfunded	
W1.3.3	Enhance role of voluntary rhyesmen to inspect, undertake small scale maintenance activities and liaise with the IDBs and SCC to identify where riparian owner works are required, ensuring local knowledge of drainage network is captured and retained.	For communities that have expressed an interest in this scheme within the Levels & Moors, SCC's L&M's Community Resilience Officer will be taking this forward. Recruitment of an officer for the remainder of the County is underway.	After April 2015	£50k from Enhanced Maintenance Programme	Somerset Rivers Authority (Technical Commissioners SCC and IDB)

<b>W1.4</b>	<b>Small improvements and repairs</b>				
W1.4.1	Review effectiveness of temporary operations and if appropriate install permanent infrastructure to enable temporary pumping sites at Dunball Sluice and Northmoor as well as Bridgwater Taunton Canal for future use	Dunball: temporary pump platform and compound now complete. Northmoor Pumping Station: to convert existing pumps is complete. Existing discharge culvert repairs are complete. New emergency access road through the EA compound is complete. The temporary pump pipework has been installed	By March 2015	£200k (Dunball from Defra £10m) £170k (Northmoor) from Asset Repair Budget	EA
W1.4.2	Consider making permanent existing temporary local protection e.g. at Aller, Westonzoyland and others	Aller Drove: complete. Westonzoyland: New flood defence scheme is complete	2014/2015	£500k from Defra £10m	EA and others
W1.4.3	Repair and reinstate existing river and flood banks and spillways	All damaged flood defences now reinstated to pre-flood level. Some reseeded of banks and spillways still being completed. EA carrying out business as usual work of strengthening the banks	End October 2014	£3.7m from Defra £10m. Rest from national Flood Recovery funding.	EA
W1.4.4	Review and where appropriate Implement small scale ring bank improvements e.g. Thorney village and Thorney Pottery.	Thorney Village ringbank complete. Community led opening ceremony held on Saturday 20 <sup>th</sup> June  Thorney pottery ringbank and road ramp now complete.	By end Mar 15	Thorney Village £174k SCC, SSDC, IDB and PC funded.  Thorney Pottery – EA Funded. Road ramp by EA & SCC	IDBs Technical Commissioner, delivered by IDB contractor.
<b>W1.5</b>	<b>Operating Plans and Procedures</b>				
W1.5.1	Review impact of existing water level management plans on 2013/14 flood event	Action complete. Report findings now being rolled out to community groups.	2014/15	Staff time only	IDBs and NE
W1.5.2	Develop a Flood Risk Management	Trigger level documents' complete	1 October	Staff time only	EA, in consultation with

	Strategy for Levels and Moors 'Trigger Level Operational Document'.	These have been rolled out at over 30 public/partner meetings. They have been well received.  Online versions are now available on you tube.	2014	Funding required for visualisation work	other partners.
<b>W1.6</b>	<b>Sowy/Kings Sedgemoor Drain Capacity Improvements:</b>				
W1.6.1	Develop options for increasing the capacity of the Sowy/Kings Sedgemoor Drain system  (Phase 3 Sowy/KSD scheme – see W4.6 for Phase 1).	Wider appraisal and development of the Sowy/KSD options to deliver the £6m in 16/17 – 18/19 is on-going. Tenders for the Chedzoy flap refurbishment have been reviewed and a preferred tender has been selected. Work will be awarded within the next couple of weeks. Design work is planned to start in October and all on site works will be complete before the end of the financial year.	April 2015	£150k-£200k from Defra £10m.	EA
W1.6.3	Deliver an effective scheme to increase capacity of the Sowy/Kings Sedgemoor drain system phase 3	Planning approval granted late August. Phase 3 works have now commenced on site and making good progress.  Works will continue as long as weather and environmental conditions allow.	Start summer 2015	£8m available from Local Growth Deal 1 via LEP	EA
<b>W1.7</b>	<b>Accelerate the construction of a Barrier or Sluice at Bridgwater</b>				
W1.7.1	Review design options for Bridgwater tidal barrier/sluice	A tender for the consultancy support for the appraisal outline Business Case and the Transport and Works Act Order is out with consultants currently. Tender returns due in October with the appointment of a consultant before Christmas 15.  A draft agreement is being put together which states the project objectives in terms of assessment and situation and consideration of operational regimes to address remaining concerns.	April 2015	£20k (from DEFRA £10m)  15/16 Growth Deal 1 and Community Infrastructure Levy funding.  16/17 and beyond Growth Deal 1 and Community Infrastructure Levy	EA
W1.7.2	Discussions to identify approaches to accelerate the build programme and	Programme for delivery suggested in the options review report. Follows on from	By April 2015		SDC, EA, central

	financing of the barrage/sluice	action W1.7.1.			government
W1.7.3	Build Bridgwater tidal barrier/sluice	Work not due to start yet.	By 2024	Total cost £27-30m No funding solution yet to construction cost	SDC, EA and developers/investors
W1.8 (Was W6.2.1)	Expand existing river models to assess effectiveness of actions and identify most cost effective options	The modelling outputs (e.g. impact of the 8km Dredge) have been published by the EA with agreement from Defra and the Secretary of State. The results show the importance of the 8km dredge, in combination with temporary pumping, in reducing flood risk to the communities around Moorland most affected last winter. There has been some local media interest and the EA have done a number of radio and TV interviews.	Phase 2 results due June 2015	£230k from Defra £10m	EA
<b>LAND MANAGEMENT</b>					
W2.1 (was W2.1.1, W2.1.2 W2.1.3 & W2.1.4)	<p>Somerset partners to pilot, with support from Defra, an integrated advice and support package to promote natural flood management and land management adaption throughout the catchment</p> <ul style="list-style-type: none"> <li>Carry out scoping work to identify target areas that can make the biggest contribution to natural flood management</li> <li>Encourage adoption of land management practices that intercept and retain water, reduce run off and erosion, slow the flow, and maximise the benefits from natural flood management in <u>upper and mid catchment areas</u></li> <li>Support adoption of more flood resilient farming systems, voluntary adaption, restructuring and relocation of farm businesses in <u>lower catchment areas</u></li> <li>Support land management adaption in association with Sowy proposals</li> </ul>	<p>Carried out targeting and scoping works: Ground trothing flow pathway maps, Soil water storage capacity mapping, Run-off attenuation feature modelling.</p> <p>Up to 100 sites have been selected for run-off attenuation features work, this work will continue for the next 18 months.</p> <p>Farm visits begun and Capital Grant Scheme applications are being received</p> <p>Woody Debris Dam project work has started and 35 debris dam sites have been identified for possible work to commence.</p> <p><b>RSPB has started visiting farmers in the Sowy/KSD area to seek their views on the proposed improvement scheme.</b></p>	2015	<p>Approx £1.625m for a 2 year project</p> <p>£0.75m on scoping, targeting and survey</p> <p>£0.8m on advisory and specialist technical support</p> <p>£0.75m capital grant</p> <p>Funding:</p> <p>£550k allocation from Local Growth Deal 1 for 2015/16 and 2016/17</p> <p>£573k from Dream Fund</p> <p>£100k from Princes' Countryside Fund</p> <p>£34k from Catchment Partnership Action Fund</p> <p>£12k from SRA</p>	Partnership of NE and FWAG/RSPB/SWT//Royal Bath & West

	<ul style="list-style-type: none"> <li>A locally administered capital grant to fund implementation natural flood management measures and features in the landscape</li> </ul>				
W2.2 (was W2.1.5)	Seek new funding to restore or create new wetland habitats, within the whole catchment, that will absorb more water and support for flood resilient farming	Work progressing, business as usual	On-going	Approx. £0.55m pa additional to current budgets – possible future bid from B&W	Partnership of RSPB/NE/IDB/FWAG/Royal Bath & West/SWT
W2.3 (was W2.7 & W2.7.1)	<p><b>Sustainable, long-term land management solutions on the Somerset Levels &amp; Moors</b></p> <ul style="list-style-type: none"> <li>Development of an “Ecological Enterprise Zone” on the floodplains, where businesses are encouraged and supported to make more use of the economic value of the outstanding environmental quality of the Levels and Moors</li> <li>Pilot a locally operated Payment for Ecosystem Services scheme to demonstrate how new funding mechanisms can enable changes in land and water management</li> </ul>	<p>SRA has agreed to support the development of the Wetland Biomass project in 2015/16</p> <p>RSPB are currently developing a national bid to the EU's LIFE Biodiversity programme which includes some work on supporting or developing enterprises that make good use of the special environmental qualities of the Level's &amp; Moors e.g. Nature Tourism. A successful bid would fund a five year work programme for October 2016.</p>	On-going	Approx. £0.12m in total – bid included within B&W fundraising efforts	RSPB/ SWT/ FWAG/ Royal Bath & West
W2.4	Review current High Level Stewardship schemes at their 5 year break clauses and agree adaptations to take account of flood protection benefits where the benefits are deemed significant	NE Desk study on going through 15/16	2015/16	With current funding	NE
W2.5	Ensure that next Agri-Environment scheme (NELMS) takes into account benefits from natural flood management. Encourage take up and use of environmental land management schemes, including woodland planting	Now called Countryside Stewardship	From 2016	With current funding	NE, IDBs, Forestry Commission with FWAG/ RSPB/ SWT/ NFU/ CLA/ Local Nature Partnership
W2.6	Put in place simplified approvals process to allow land managers to carry out work on the minor watercourses and ditches, where there is no increase in flood risk and within a strategic framework	Underway with agreement already in place with lead local flood authority. Work for arrangements with EA on main river has been agreed.	March 2015	Staff time	SCC, EA & IDB

W2.7 (Was W2.8)	Defra will consider how best to secure flood risk benefits in the forthcoming decisions on approaches to all Common Agricultural Policy (CAP) funding	In progress. The new CAP will start in 2015. Decisions on implementation of the new schemes will be made in the course of this year.	Jan 2015	Staff time	Defra
W2.8 (Was W2.9)	Examine innovate mechanisms such as developing a Community Land Management Trust to support a Land Swap/Transfer/Purchase Scheme	Next step will be to develop two possible 'business models' to see if this approach stacks up for the Levels. The first model will be based on the land purchase/land swap activities set out in the FAP. The second model will be based on a wider approach that supports a range of activities by enterprises and communities that advocate, connect, enable and deliver good stewardship of the Levels & Moors alongside the original idea of the land purchase/land swap.	April 2016	Staff capacity appointed – funded under Dream Fund	SCC, EA, NE RSPB, SWT
<b>URBAN WATER MANAGEMENT</b>					
W3.1	SCC as the Lead Local Flood Authority will provide an easy to use online source of expert guidance on the design and delivery of sustainable drainage systems (SuDS) for planners and developers. This will include examples of success, and bespoke advice for major sites.	General guidance completed.	April 15	Funded business as usual	Somerset County Council
W3.2 <b>Action no longer relevant now covered by W3.1 not that SCC will not be a SAB</b>	LPAs with Somerset County Council will determine* whether national SuDS Approving Body standards are sufficient for the requirements in Somerset and whether more robust standards are needed. A new Supplementary Planning Document (SPD) will be produced, if required, to meet district and local needs. *following enactment w.e.f. April 2015	The decision not to implement SABs and changes to NPPF will inevitably place greater emphasis on local planning policy.  A further meeting of SCC (as LLFA), the EA and the district Planning Authorities has been held to consider implications of the draft guidance and to determine what actions are needed in order to ensure the provision and maintenance of SuDS on new development.  Guidance developed by SCC in anticipation of becoming a SAB will now	Review by April 2015	Funded business as usual	SCC, (supported by Districts)

		be adopted as an SPD by the LPA's.			
W3.3 No longer relevant	Somerset County Council as the SAB will provide advice to people and businesses so they can reduce runoff from existing premises and developments.	Legislation to make SCC the SuDs Approval Body has now been dropped by central government.	By March 2015	Funded business as usual	Somerset County Council
W3.4	Authorities will work with public and private organisations that occupy large areas to encourage them to use permeable materials and install SUDS when they replace or maintain hard surfaces.	A meeting was held with prospective partners on the 10 <sup>th</sup> September. Discussions also started with Wessex Water on how this project can assist in reducing flows in combined sewers. Wessex Water are keen to explore further.	On-going	Owners of land to provide solutions or alternatively to fund works downstream	DEFRA/SCC/ LPAs
W3.5	All Somerset LPAs will review their planning policy with regard to flooding and if necessary develop local policies (in line with National Planning Policy Framework) in light of recent extreme events in Somerset. This will include consideration of what development within the flood plain is admissible. All Somerset LPAs will review their condition compliance / enforcement processes to ensure that any flood risk mitigation measures covered by condition / S106 Agreement is delivered.	The decision not to implement SABs and changes to NPPF has placed greater emphasis on local planning policy but has not helped with securing long term maintenance. Investigations underway as to whether byelaws that require maintenance of SuDs by the owner are possible and whether they would be effective. Byelaws have to be made by the districts and more work is required to assess the consenting/enforcement implications before committing to new byelaws.	Review to be completed by mid 2015	Funded business as usual	LPAs
W3.6	Local Authorities will maximise the opportunities to reduce downstream flooding whilst delivering planned growth. They will identify and deliver strategic flood mitigation sites upstream of developments including the planned flood alleviation reservoir between Wellington and Taunton.	A project team to deliver stage 2 (detailed feasibility/land acquisition/consents) has been set up and is producing a project plan. EA and TDBC are both providing project management resource in order to take this forward quickly. A Growth Deal 3 bid is being prepared.	2016-19	£13m but depends on size of scheme – likely to include substantial contributions from developers and possible CIL.	EA, LAs
W3.7	SCC (as Lead Flood Authority), LPAs, EA and Wessex Water will identify hotspots with a high risk of urban runoff and put in place appropriate schemes and identify funding to tackle the problems	Data has been gathered to identify flooding 'hotspots', working with SCC Highways department and Wessex Water. Schemes have now been added to the Common Works Programme. Some sites will require longer term	2015	Dependent on size and number of schemes. May require funding over and above existing SCC budgets	SCC, Local Authorities, EA, Wessex Water via the Regeneration Directors' Group



		studies in order to develop possible solutions. This will be further investigated through the 5 year Programme			
W3.8	Wessex Water will improve the performance of combined storm overflows in Bridgwater to reduce the volume of spill by 50% and undertaking some integrated urban drainage in Bridgwater	Wessex Water included these improvements in their business plan that was submitted to Ofwat in December 2013.	By 2020	£18m	Wessex Water
W3.9	Defra will ensure that the Planning Inspectorate has regard to this plan in determining appeals	Defra Minister has written to Planning Inspectorate. Contact with DCLG established. Action complete	By June 2014	Defra staff time	Defra
W3.10	Review effectiveness of existing significant SuDS schemes. This follows public concern over the impact of poorly maintained/inoperable existing SuDS schemes on recent flooding.	Each LPA has identified potentially suitable sites for review. <b>A project brief has been prepared and now quotations will be obtained from suitable consultants to undertake the work.</b>		Unknown	
<b>RESILIENT INFRASTRUCTURE</b>					
W4.1	Deep clean of system, including review and survey of gullies and culverts	This strand is now completed and all works have been done.	Completed	£1.7m (covered by Bellwin)	SCC/Highways Agency
W4.2	Pre-placed road closure gates and signage (for diversionary routes) for roads that are at risk of flooding	Road closure gates still with manufacturer. <b>Implementation due beginning of October</b>	2015	£75k	SCC
W4.3	Repair and resurface damaged roads, using materials and road marking more resilient to flooding, allowing faster recovery in the future.	There is not the need that was expected when the plan was written for whole scale resurfacing across the Levels and Moors. Money assigned to this action will be used to help fund the Muchelney and Beer Wall infrastructure schemes. It is proposed that if surfacing and road repair is still required any remaining budget will be used for this or existing highway maintenance budgets.	By winter 2014	£1.6m	SCC
W4.4.	Raise the road(s) to Muchelney. Short term solution (one of either west or south roads) to be delivered by next	The project has been completed and the road was opened on 21st February The opening ceremony was well	Mid February 2015	c£20k Feasibility study c£3m works	

	winter.	attended and letters of thanks were received from the community.			
W4.5	Implement minor flood alleviation management schemes e.g. to reduce road flooding of the strategic network.	25 schemes have now been completed.	By March 31 <sup>st</sup> 2015	£200k in 2014	SCC
W4.6 (Was W1.6.2)	Phase 1 and 2 Sowy/KSD: Undertake appropriate road works on A372 at Beer Wall to enable the River Sowy channel to be widened.	Completed 20 <sup>th</sup> July 2015	June 2015	c£5.7m	SCC with EA
<b>BUILDING LOCAL RESILIENCE</b>					
W5.1	<b>During Recovery</b> Deliver a dedicated programme of targeted support to help individuals, farms, businesses and neighbourhoods to recover, including help to access resources and advice from existing and future Govt. and local agency programmes including the Somerset Community Foundation. Citizens Advise Bureau and partners to Somerset Emergency Voluntary Agencies Group (SEVAG).	A brief has been agreed with the National Flood Forum to carry out a review of recovery activity in order to identify lessons in planning for future emergencies.  Meeting held in July to set out the scope and cost of the debrief. The submission is being revised and will be returned in the Autumn	June 2015		Somerset Civil Contingencies Partnership supported by sector-led support programmes.
W5.1.1	Local Authorities to administer local allocations from Government Flood Support Schemes. EG Repair and Renew grants; council tax rebates; NNDR Hardship Relief schemes; plus local schemes as agreed by each local authority (e.g. council tax, NNDR, loans and grants).	There has been an extension offered by Government to the Repair & renewal grant scheme.  Final information notices have been circulated.  All schemes have now been completed	June 2015		
W5.1.2	Ensure local access and take-up of other forms of support e.g. Farm Recovery Fund (DEFRA); Specialist agricultural and small business advice from banks; Rural Business Support Scheme	Complete	March 2015		
W5.1.3	Continue to offer support to neighbourhoods / parishes to review and create local flood plans	Linked and integrated with Action 5.3. See below.	April 2014 onwards		

W5.1.4	Establish sustainable funding and support for CRISP – Community Resilience in Somerset Project.	The CCU Officer has been tasked with identifying funding requirements, identifying and evaluating funding opportunities, and making recommendations. Report due in August 2015, and it is intended to inform future SRA and SLACCP role for funding negotiations.	Funded until March 2016	£30k to 2016, but needs longer term sustainable funding	
W5.1.5	Ensure that all the learning from the Incident debriefs are embedded into this Plan and our Response Plans going forward	Somerset Levels And Moors Flood Resilience Community Response Arrangements 2014/15' document is now live	2014		
W5.2	<b>Somerset Resilience Website</b> – CRISP to continue their work to improve existing website presence to provide a comprehensive and easy to access information source for resilience, linked to flood risk information	First version of website now online.  New features have been added for example recently added a map to show resilient communities and those communities developing resilience Phase 1 complete, phase 2 looking at future funding and development for the website has started.	Sept 2015	£25k	Somerset Civil Contingencies Partnership supported by sector-led support programmes.
W5.3	<b>Build household, farm, business and neighbourhood level flood resilience</b> – .	Flood planning continues with the affected communities. Very close and effective working between the Community Resilience & Recovery officer and EA officers to support advice and assist the emerging community groups. The first plan, covering Moorland, Fordgate and West Yeo, is nearing completion.  Plans for Burrowbridge, Aller and Oath are under active development.  Muchelney/Thorney understood to have refreshed their arrangements.  This work brings together key information from the EA Triggers Document and the Somerset Levels and	Up to 2016/17 funded via FAP	£100k for 2 yrs, then longer term sustainability through business as usual via the Civil Contingencies Partnership.	Somerset Civil Contingencies Partnership supported by sector-led support programmes.

		Moors Flood Resilience Community Response Arrangements.  Working with each District Council to identify communities for the 2 <sup>nd</sup> phase of community flood planning.			
W5.3.1	Support locally led action to plan, design and implement solutions to increase resilience, community preparedness and to adapt (including voluntary relocation). Use and learn from best practice for example through LGA network; National Flood Forum, the new national Community Prepared hub and Defra community resilience pathfinder projects. To include Flood Plans, small scale flood mitigation/protection schemes and equipment/boats to increase local resilience	<b>As above</b>			
W5.4	<b>Ensure households, farm, business and neighbourhoods can obtain affordable and comprehensive insurance</b> – including advice to households on available insurance through the new national Flood Re approach.	An agreement between UK insurers and the Government to develop a no-for-profit company “Flood Recovery” will allow insurers to pass the flood risk element of a home insurance policy into a fund that will pay any subsequent flood claim. This will mean that high flood risk households will still be able to obtain affordably priced flood insurance.  Support and advice being provided to residents with current insurance dispute issues through Recovery. A new strategy to sell the new Somerset position to insurers is being developed following the stock take discussions and workshop	March 2016	Staff time	Defra
W5.5	Help ensure Somerset is seen as good place to do business as well as ensure tourism businesses become more resilient to flooding	Business Recovery Group requirements being refreshed as part of the five year planning work.	now	Still requires further assessment.	Tourism Businesses/ STA/Somerset Chambers of Commerce

FUNDING AND DELIVERY OF LINKED, LONG TERM FRM AND RESILIENT INFRASTRUCTURE					
<b>W6.1</b>	<b>Making the Business Case</b>				
W6.1.1	Defra, working with other government departments, will ensure that the impacts of long lasting floods on communities, the economy and strategic connectivity are properly recognised as part of the cost-benefit case for flood defence and connectivity infrastructure	Defra has confirmed that the national project to assess the impacts of the 2013/14 flooding will inform this process.  <b>The National project is still undergoing a final peer review and the results will now be available late 2015.</b>	Summer 2015	Business as usual	Defra
W6.1.2	Economic Impact Study to assess the local and strategic economic cost of the floods on businesses, agriculture, road, rail, and utilities infrastructure to support investment case	The final report has now been published and it is available on the SRA website	Summer 2015	Budget within new target but greater than original	SCC/EA
W6.1.3	Identify flooding and economic scenarios	Economic scenarios broadly identified and included in consultants brief. Flood scenarios agreed, mapped and given to consultants.	Complete	Business as usual	EA
W6.1.4	Identify funding streams for investment and maintenance	This will be dependent on the residual risk following implementation of the “no regrets” actions and is therefore dependent on modelling outcomes and an engineering interpretation of the findings.  Residual risk will then be discussed with key infrastructure providers to gauge their reaction to the reduced risk.	July 2015	Business as usual	EA
<b>W6.2</b>	<b>Developing the Flood Risk Management Options</b>				
W6.2.2	Improve pumping capacity and operation, including upgrading Northmoor pumping station as appropriate.	Modelling work will include an assessment of the impact of pump operation.	2-10 years	£3.5m	EA and other local partners
W6.2.3	Further local protection e.g. ring banks, around communities	Appraising options to determine need and scale of further community ring	2-10 years	£170k (funded) £2.4m (unfunded)	EA and other local partners

		banks to utilise dredged silt stockpile.			
W6.2.4	Improve the condition and raise flood banks and spillways	Included in options modelling work	2-10 years	£10m	EA and other local partners
W6.2.5	Setting back defences to increase river channels and create floodplain within widened river channel	Included in options modelling work	2-10 years	£3m	EA and other local partners
W6.2.6	Spreading floodwater across the moors more evenly e.g. Improved Lyng cutting	Included in options modelling work	2-10 years	£2m + ongoing costs of £200k pa	EA, IDB and other local partners
W6.2.7	Create temporary flood storage areas particularly in the mid catchments – 500 ha within 20 years	Included in options modelling work	2-10 years	£7m over 20 years	EA and other local partners
<b>W6.3</b>	<b>Developing the Infrastructure Options</b>				
W6.3.1	Raise level of the A361 (East Lyng to Burrowbridge)  EA to identify appropriate assumption re how low they can get the flood water  Feasibility study to identify appropriate engineering solution  Estimate of cost of work	Commercial discussions have taken place with the consultants regarding costings. The Task Order has now started.	2-10 years Feasibility study will be completed by June 2015.	Initial estimates suggest  c.£80k (Feasibility) c.£25m+ depending on scheme and EA linked solution	Requires local and central government partnership approach as local government could not afford to fund this scheme alone
W6.3.2	Design and implement road raising schemes to ensure access for communities	Waiting for Feasibility studies and EA options	2-10 years	???	
W6.3.3	Feasibility and assessment studies to identify key priorities for road schemes to ensure local access and delivery of schemes.	Pibsbury identified as location for next feasibility study if EA can't solve problem	2-10 years	Feasibility study c£100k	Requires local and central government approach
W6.3.4	A303 improvements to increase resilience, following Highways Agency feasibility study	Currently looking to start design in 15/16 and start building in 16/17	2-10 years	To be determined	Highways Agency
W6.3.5	Network Rail to identify best value options for ensuring the resilience of 4.5 miles stretch of railway between Taunton and Bridgwater and to	Network Rail has invested £31m in general resilience works. Initial estimates prepared, to be informed by strategic assessment of the flood risk	2-10 years		Network Rail

	implement the findings	management options (Version 2 currently being reviewed) but unlikely to identify need to invest in additional flood resilience measures.			
W6.3.6	Assess risk and as necessary implement flood alleviation measures at National Grid's Bridgwater electricity substation and Western Power's substations	National Grid & Weston Power Distribution have confirmed that resilience works have already been undertaken at this site. Risk threshold 1:1000	2-10 years	Funding secured via Ofgen. Settlement subject to categorisation of risk to the site.	National Grid, Western Power
W6.3.7	Assess risk and as necessary implement flood alleviation measures to ensure mains water supply is unaffected by or can be maintained in flooding event	Most risks to water supply can be mitigated by rezoning in the event of failure where repairs cannot be carried out. Possible need for temporary supply boosters for Muchelney & Thorney if Spine Main spur failed and could not be repaired.	2-5 years	All water supply and sewerage related interventions are funded.	WW and BW
W6.3.8	Assess risk and as necessary implement flood alleviation measures to ensure telecommunications can be maintained in flooding event	No information has been offered to date suggesting that there are major flood related telecoms issues.	2-10 years		BT
<b>SOMERSET RIVERS AUTHORITY</b>					
W7.1	Establish the purpose and scope of the Somerset rivers board	Scope and purpose of core proposal endorsed in principle by Project Key Partners Group 12.06.14, and Leaders Implementation Group 20.06.14.	June 2014	£91k funded	IDBs/SCC with EA and DCs
W7.2	Develop and agree options	Preferred option for all elements confirmed by December 2014.	Sept 2014	£30k additional funding for 2014/15 underwritten by SCC to enable SRA to progress.	IDBs/SCC with EA and DCs
W7.3	Set up structures, systems and governance	<b>The SRA Board members decided at a public meeting held on 23<sup>rd</sup> September that their preferred option for the sustainable funding of the SRA was by the creation of a new precepting body.</b>	March 2015 for initial set up. March 2016 for sustainable funding	Staff time funded by Defra capacity building (2014/15 and Interim funding (2015/16. Funding totalling £2.7m for Enhanced Maintenance and developing the SRA available in 2015/16.	IDBs/SCC with EA and DCs

<b>FUNDING THE PLAN</b>					
W8	Identify funding sources and optimise use/match to unfunded actions in Plan	<p>HoSWLEP Growth Deal 1 Business plan has been agreed subject to a few minor conditions being completed before actual signoff.</p> <p>A technical workshop regarding the 5 year Plan is being held in October to discuss priorities and investment criteria.</p>	On-going	SRA and FAP staff time funded via SCC (2014/15) and Interim Funding (2015/16)	SCC with RB&WS
<b>COMMUNICATIONS AND COMMUNITY ENGAGEMENT</b>					
W9	Develop and implement communications and engagement activities to inform, seek feedback on, involve in and gain community buy-in to the development and implementation of the Plan.	<p>Working on developing suite of higher level and detailed Key Messages on dredging, Sowy KSD and other major aspects of SRA work.</p> <p>SRA Progress Update will be issued early October</p>	Until end 2015/16	Funding for SRA communications officer from SRA Interim Funding for 2015/16	SCC, with partners