# The purpose of the constituent members of the Norfolk Strategic Flooding Alliance (NSFA) is to work together so that Norfolk communities and infrastructure are safer and more resilient to the risks of inland and coastal flooding and better placed to ensure adequate water supplies during droughts.

1. Introduction. The NSFA was formed following recognition that the county-wide response to flooding and flood-related risks is incoherent and improvements are required to protect and reassure Norfolk communities. Members of the NSFA are united in their determination to work collaboratively and transparently across boundaries and structures to improve the response of flooding and increase the coherency and consistency of flood risk management. The unique selling point of the NSFA is that it represents a single point of focus and collaboration for all flood-related challenges facing the County of Norfolk. Our Action Plan is at Appendix A and the record of actions achieved, so far, is at Appendix B.

### OUR GOALS

2. **Our Vision.** The NSFA will be successful through the coordinated actions of the statutory authorities from central to local government, through to commercial companies, land and property owners large and small, their communities and individuals themselves. As a result, the people of Norfolk will have high level of confidence that flood risks are as low as reasonably practicable and are being managed within the overall context of improved water management.

3. **Our Objectives.** Our objectives are:<sup>1</sup>

a. Achieve a transparent, collaborative, integrated and sustainable approach to water management issues across the County of Norfolk that is applied coherently.<sup>2</sup>

b. Provide a cooperative approach to local, regional and national funding opportunities to mitigate Norfolk's flood risks.

c. In accordance with Shoreline Management Plan governance, establish a strategic group (or Groups) for the coastal areas from the Yare to the Wash/Ouse to help mitigate coastal erosion and coastal flooding.

d. Examine how to implement whole river management best practice for inland waterways from catchment areas to the sea.

e. The planning system across the County is coherently applied and does not exacerbate the flood risks to new and existing residents and communities.

f. When preparing and delivering their statutory or lead-agency responsibilities, category one responders and other relevant bodies will, where appropriate, collaborate through the Norfolk Resilience Forum (NRF) to:

- I. enable the Local Lead Flood Authority (LLFA) to compile a common flood risk picture,
- II. develop a consolidated action plan that maps multi-agency activities and progress,
- III. ensure local flood resilience and the response to flooding events, which is streamlined and cohered across the County,
- IV. achieve synchronised initiatives across Norfolk that mitigate the risk of flooding and enhance communities' local resilience, and
- V. deliver a programme of exercises to confirm NSFA effectiveness and assure progress development.<sup>3</sup>

<sup>&</sup>lt;sup>1</sup> These are distilled further into a series of actions and tasks in Annex A.

<sup>&</sup>lt;sup>2</sup> This will include an understanding of other water management strategies and activities already in practice through other bodies and organisations.

<sup>&</sup>lt;sup>3</sup> We will do this in partnership with the Ministry of Housing, Communities and Local Government (MHCLG) or the Cabinet Office, partner authorities in the region and the Emergency Planning College, in the design, training, work up and delivery of the exercise.

g. Enhance the confidence of Norfolk communities through regular public communications and engagement on flood risks, mitigation measures and resilience / self-reliance initiatives.

h. Produce an Integrated Norfolk Water Management Strategy.<sup>4</sup>

i. Deliver a united Norfolk view on flooding and water management issues to Central Government.

### OUR APPROACH

## 4. **Our Principles.** Our guiding principles are:

a. We will work together in a collaborative and transparent manner through the statutory duties established by the Civil Contingencies Act (CCA) (2004) and its supporting doctrine and guidance as well as making maximum use of Public Sector Cooperation Agreements, where appropriate.

b. Extant statutory or lead responsibilities remain with the relevant agency.

c. We will share information and manage knowledge intelligently.

d. We will focus on delivering the best outcome for Norfolk communities.

e. We will speak with one voice and communicate clearly, coherently and consistently to Norfolk communities.

f. We will exploit pre-existing structures and multi-agency fora to reduce duplication and ensure our activities are efficient and effective.

g. We will ensure a balanced approach – delivering quick wins and set the conditions for achieving longer-term success.

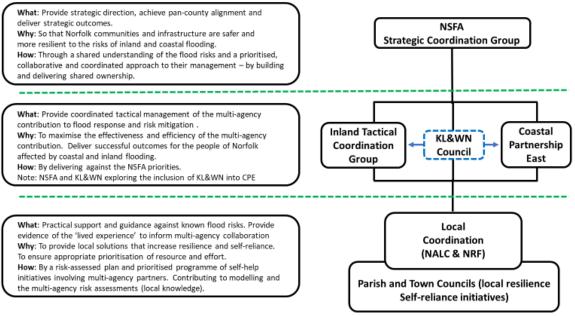
h. We will make evidence-based decisions and anticipate future risk through collaborative analysis and data sharing.

i. We learn from others and our own experiences and seek to identify and share 'best practice' as appropriate.

5. **Strategic Collaboration – Threats and Opportunities.** It is unlikely that any single entity will be able to develop projects or solutions alone to mitigate the threats of flooding or to promote the opportunities of better water management. Collaboration (not duplication) between NSFA and Water Resources East (WRE) is essential to a coherent approach across the County of Norfolk. From a water management perspective, WRE and its strategic partners will identify opportunities in the short, medium and long-term to connect fluvial flood risk reduction with water scarcity opportunities, ideally delivering water quality benefits at the same time. This will predominantly focus on the opportunities to capture and store flood water and make it available for use for example for irrigation, energy production and to drive environmental improvement and natural capital net gain. Key partners in this work, alongside Norfolk local authority colleagues and WRE's Norfolk Water Strategy partners (Anglian Water and The Nature Conservancy) will be landowners, internal drainage boards, local community leaders and environmental Non-Governmental Organisations (NGO).

<sup>&</sup>lt;sup>4</sup> To include an integrated approach to resource planning that considers all potential requests for funding to develop a single and prioritised statement of desired outcomes that all can work to deliver.

6. **How we Function**. The NSFA will operate across 3 levels (using Civil Contingencies Act doctrinal definitions for each level) – Strategic, Tactical and Operational/Delivery – a schematic representation of how this will be achieved, with broad roles and responsibilities, is shown below:<sup>5</sup> The NSFA recognises that member organisations and authorities have different priorities, funding arrangements, regulators and statutory obligations. It is incumbent on NSFA members to highlight to the NSFA their constraints to help the NSFA appreciate how best to work around these for the benefit of local communities. While the NSFA will determine its priorities, it accepts the need to use the statutory and funding frameworks of other bodies in order to realise these priorities. The Norfolk County Council (NCC) communications team would use this strategy and action plan to develop a proactive communications and engagement plan.



#### **NSFA GOVERNANCE & STRUCTURES**

## **ASSESSING SUCCESS**

7. **What will success look like?** Achieving the stated vision will be the ultimate assessment of success for the NSFA. On our journey to achieving this vision, the NSFA will assess performance against the individual objectives (para 3), the specific actions and tasks (annex A) and our ways of working / guiding principles (Appendix B). On an annual basis (July NSFA meeting) members will in invited to affirm their commitment to the NSFA and the delivery of collaborative working in accordance with our guiding principles.

8. **Universal Stakeholder Buy In.** On an annual basis – commencing in July 2021 - the stakeholders, who are the constituent members of the NSFA (details at Appendix C), will commit to work together by formally signing off the annual NSFA Overall Strategy, of which this is the first.

<sup>&</sup>lt;sup>5</sup> For local operational/delivery groups to be successful, there will need to be multiple (to spread the load), probably covering either the district council areas (with a number amalgamated to ensure there aren't too many groups for those of us that cover the whole of Norfolk) or Anglian Water water recycling collection areas. Discussions are underway to see if KL&WN might consider joining Coastal Partnership East and therefore remove the need for a bilateral arrangement between the NSFA and KL&WN on coastal flooding matters.

### **APPENDIX A - ACTION PLAN**

# Code: RED: Significant issues to be resolved or task/outcome/action not commenced, Amber: Significant issues identified and plan to resolve developed – no target date set, Yellow: minor issues or progress to achieve goal is on track, Green: desired task/action/outcome achieved.

1		1.1 More effective collaboration to ensure clearer multi-agency emergency response, recovery and remediation actions.	Agreement to this strategy signifies a commitment from members to adopt the		
			principles and objectives in their own programmes, plans and strategies and a commitment to work collaboratively to achieve the NSFA's objectives.	All	
closer betwe	1. Develop r working een all agencies better co- ation	<b>1.2</b> The need to have a single consolidated approach to flooding across Norfolk so there is no 'post code lottery' (e.g. removal of the confusion about the utility and availability of sandbags).	To be addressed through the NSFA Inland Flooding Group. The NRF is developing a picture of what districts provide in terms of flooding support during both response and recovery phases. The NRF (via the Multi-Agency Fusion Group (MAFG)) will provide a formal update on who does what to the next Inland Flooding Group meeting in September. Explore the role of the Severe Weather and Flood Risk working group and how this might inform the working of the coastal and inland flooding groups. This work should recognise the roles and responsibilities of all 3 tiers of local government and consider how we balance locallly derived needs with autonomy of decision-making and resourcing (especially finance) while achieving appropriate county-wide consistency.	Chair NSFA Inland Flooding Gp NRF Chair	

3	<b>1.3</b> Develop in partnership with others (such	First formal meeting between NSFA and WRE		
	as Water Resources East (WRE) and the	programmed for 17 May. It discussed		
	Broadland Futures Initiative (BFI) options for	opportunities for shared working and what		
	how flood water might be used to alleviate	'plugs and sockets' are required between the 2	Chair NSFA	
	drought risks or managed in a more integrated	structures to ensure opportunities to deliver a		
	multi-agency approach.	holistic approach to water management might	MD WRE	
		be achieved.		
			Chair BFI	
		Develop an appropriate 'plug and socket'		
		approach with existing flood and drought		
		initiatives to ensure an integrated approach		
		while not duplicating effort.		
		The BFI should be reviewed by the NSFA and		
		areas of collaborative opportunity identified and		
		factored into the NSFA Action Plan. The BFI		
		considers existing and new plans that will		
		emerge and impact upon the BFI plan area. It is		
		expected that the BFI will inform the Norfolk		
		Strategic Flooding Alliance (NSFA).		
		Ensure the Current Shoreline Management Plans		
		for the County are referenced in relation to the		
		strategic flood (and erosion) management on the		
		coast.		
	<b>1.4</b> Develop a prioritised list of known flooding	NSFA members will share their capital and		
	risk areas to guide initial collaborative working	maintenance plans with each other to ensure the		
4		maximum opportunities possible for the	Chair	
		development of synchronised and mutually	NSFA	
		supporting work and to help communicate our		
		work with Norfolk Communities.	Chairs of Inland	
			and Coastal	

			An initial prioritised list comprises 16 flood sites that have been identified as complex and requiring multi-agency involvement to resolve. Outline costed solutions will be worked up, with a lead agency for each site. These solutions can then be delivered when the necessary funding has been secured. A second tranche of flood risk sites is being considered.	Working Groups	
5	<b>Task 2.</b> Clarify roles	2.1 Education of Riparian owners, homeowners and businesses on their responsibilities, how to be more resilient in the face of severe weather and who to reach out to in times of flooding.	<ul> <li>Flyer produced and to be distributed to all properties (business and private across Norfolk). It provides basic advice and linkages to where specific advice can be found.</li> <li>NFRS, NRF and NALC exploring ways to improve local resilience and self-reliance through education and advisory programmes.</li> <li>Riparian owners need to be updated on their responsibilities to watercourse maintenance. This might be led by the CLA and NFU.</li> </ul>	CFO, NFRS NALC CLA NFU	
6	and responsibilities both amongst partners themselves and for the general	<b>2.2</b> The potential for a Memorandum of Understanding to provide greater clarity and the need to undertake a gap analysis of areas not covered by agencies.	To be considered by the NCC as the LLFA. Consideration should be given to the NRF to lead on developing this.	NCC as LLFA (through NRF)	
7	public.	<b>2.3</b> Encourage local support groups to help improve community resilience through provision of support, education and information.	Consideration should be given to the Coastal and Inland groups leading on this with NRF liaison for delivery of engagement and education programme. These groups might want to explore the role of the Coastal Flood Wardens as		

	a resource that might be developed for other scenarios.	Chairs of Inland & Coastal	
	scenarios.	Groups	
	Consider the development of dashboard, to		
	guide planning and response, in which flood data and the current picture is made accessible to all	CFO, NFRS	
	stakeholders.	NALC	
	Consider the Introduction of a web-based portal to help householders and businesses identify who is responsible for what drainage asset. Integration of data feeds by the NCCC Norfolk Office of Data Analytics (NODA) to create an more holistic appreciation of risk and situational awareness. Intention to embed this in an open forum website (Norfolk Prepared) to ensure agencies and public maintain situational awareness and can prepare and response more	NRF	
	effectively       2.4 Maintain regular communications with       This recognises the need for direct (NSFA to		
8	Norfolk communities on flooding related issues to ensure communities are as well informed on communications. Parish Councils will have a key	Chair NSFA	
	NSFA activities as is practicable. Requires close collaboration and coordination on	Chair Inland and Coastal Groups	
	flooding related communications. NCC will lead	Groups	
	on the development of a coordinated NSFA	NCC as LLFA	
	Communications Plans (including agreed, immediate lines to take in times of crisis).	NRF	
	Utilise Norfolk Prepared website, tactical delivery through inland and coastal NSFA groups.	NALC	

			The Norfolk Prepared website was advertised in		
			the flood flyer and the website provides broad		
			resilience and self-reliance advice.		
		<b>2.5</b> Consider what flood protection and	Item needs to be addressed by the inland and		
9		mitigation capabilities are required and how	coastal flooding groups to identify most	NSFA	
		they might be supported and supplied.	appropriate capabilities to mitigate flooding.		
			Once the 2 groups have considered the issue for	Chairs of inland	
			their respective remits, the NSFA should consider	and Coastal	
			a consolidate view including how capabilities	groups	
			might be resourced	8.0000	
		<b>3.1</b> A shared resilience fund to help agencies	The Chairs of the Inland and Coastal working		
10		and authorities better react to emergency	groups should consider what additional		
10		situations in a collaborative manner.	resources they required. This detail should be	Chairs of the	
			submitted to the NSFA who would fuse the	inland and	
			requirements into a single submission for the	Coastal	
			LLFA to consider. This should be completed by	working groups	
	Task 3. Determine		end of July 21.		
	and implement				
	appropriate		CPE is also exploring a coastal adaptation		
	mechanisms for		mechanism to support those affected by erosion		
	funding flood-related		which could be linked		
	initiatives.	<b>3.2</b> Maximising the capital, maintenance and	A more collaborative approach to funding-		
		revenue funding streams of NSFA members , as	streams, utilising Regional Flood and Coastal	All	
11		well as resource and skills, jointly to agree	Committees (RFCC), and a more coordinated		
		common priorities and funding for proactive	approach to the Business Plans of NSFA		
		water management initiatives.	members should be the preferred method to		
			operationalise the water management outcomes		
			we seek for Norfolk.		
			The NSFA will work integrally with Anglian (		
			Eastern) and Anglian (Gt Ouse) RFCCs to ensure		
			Flood Defence Grant in Aid capital and other		

			funding opportunities are maximised for all		
			RMAS in Norfolk.		
		<b>3.3</b> Lobbying DEFRA regarding the funding			
		criteria for retro-fitting SuDS and drainage			
10		improvement works, as current model			
12		undervalues the damage caused by surface			
		water flooding and the costs of mitigation schemes			
		<b>4.1</b> Removal of the automatic right to connect	Anglian Water is already involved in this work		
		surface water from new developments to the	nationally with Water UK.	Chair NSFA	
13		sewerage system, which should be replaced			
		with a more conditional approach to ensure all	Lord Dannatt and George Freeman MP wrote, on	Anglian Water	
		parties work together to assess and approve	23 Jun 21, to SofS EFRA and SofS HCLG to express		
		connections to the sewer network.	concerns over 2 planning policy matters. The first		
			regarding the automatic rights for developers to		
	Task 4. Improve the		connect surface water from new developments to the sewerage system. Second, The ongoing		
	coherency of		responsibility of developers for drainage and		
	planning processes		water management on their developments.		
	across the County to	<b>4.2</b> Planning policy and guidance to be updated	CPE is working with our 3 LA planning teams and		
	ensure that new	and strengthened to require flood risk	those at KLWNBC and south into Essex to ensure		
14	developments do not	betterment in areas of high flood risk and to	we have integrated coastal planning policy in	Chair NSFA	
	exacerbate the flood	reflect new environment policy objectives and	relation to erosion and coastal change. we have		
	and coastal erosion	new SuDs National Non-Statutory Technical	a shared Supplementary Planning Document	NCC and	
	<mark>risks or act as a</mark>	Standards.	which we are currently reviewing in line with	District /	
	<mark>barrier to the</mark>		new and emerging Local Plans. We are also	Borough	
	<mark>development of</mark>		exploring spatial planning and development in	Councils	
	<mark>options.</mark>		Coastal Change Management areas with		
			planners locally and nationally.		
			Farmers and landowners perceive planning to be		
			a barrier to the development of on-farm		
			reservoirs, which will play a crucial role in		

			connecting flood risk with water resources, delivering economic and environmental benefits. The group needs to consider what is most needed, is it formal policy changes, guidance to landowners submitting applications or is internal guidance for planners needed to help them with reviewing an application? It would also be helpful to identify a number of 'shovel-ready' projects and test them through the planning system. The NSFA would consider forming a focused working group to understand the breadth of planning-related challenges and recommend a programme of work to address these.		
15		<b>4.3</b> LLFA to review thresholds for bespoke responses to consultations on Major Development and LPAs to review provision of drainage advice for Minor Development to improve the technical expertise in flooding.		NCC / LLFA	
16		<b>4.4</b> A clear process to remove and replace misconnections to sewers through Building Control, or re-classification of foul sewers into combined sewers.	Seems a logical for Anglian Water to lead, given their role (this might ensure that foul sewer are <u>not</u> reclassified as combined sewers). Building Control at the local authorities with regards to spotting and addressing misconnections, working with Anglian Water to ensure that foul sewers are <u>not</u> reclassified as combined sewers).	Anglian Water and local authority Building Control teams	
17	Task 5. Improve collective	<b>5.1</b> Develop a shared surface water flood risk mapping resource and asset register, and provide districts with access to the LLFA's GIS system.	Encourage wider use of EA flood map to increase awareness of surface water flood risks in the County. Information can be found on https://eur02.safelinks.protection.outlook.com/	EA Anglian Water	

	understanding of the flood risks through the development of multi-agency situational awareness and data sharing protocols, establishing a commonly accessible		Anglian Water is developing something similar for all flood risk partners across the region, so no need to reinvent the wheel. CPE is also keen to develop a shared asset register for coastal locations so they can develop integrated asset investment strategies with their partners (similar to that with AW).		
18	mapping resource and modelling function.	<b>5.2</b> Establishing local community champions to support communities to map out relevant water management assets.	Potentially incorporated in LRF Stronger Community Resilience pilot. LRF to work with NALC, Community Resilience, PH etc to help identify local champions.	NRF Strategic Support Officer	
19		<b>5.3</b> Develop and then monitor the concerns of Norfolk communities affected by flood and drought risks and realities – a form of persistent audience sentiment and analysis.	The development of a prioritised list is based upon inputs from local communities and historic data. It is addressed by the Local Issues Working Group. Discussions have taken place with NCC Comms to explore a proactive approach to communications and with sentiment analysis. CPE is holding its first join Suffolk and Norfolk Coastal Community conference this autumn to discuss coastal change. They have held a Suffolk event for several years and invited schools and guest speakers as well as the community leads and partners. It's a very effective event for sharing information, networking and supporting peoples understanding of risks and solutions.	Nick Tupper NSFA	
20		<b>6.1</b> A coordinated effort from all RMAs to ensure that all their assets are regularly and proactively maintained, to lead by example.	EA and Anglian Water have an established, mature risk-based maintenance programme and could support others developing the same.	Anglian Water	

	Task 6. Creation of a sustainable approach to drainage through a coherent county- wide programme of improvements, prioritised maintenance and through the planning of new		CPE conducts regular inspections of all its coastal assets and this informs their annual maintenance programmes. They also have a £150M capital delivery programme for 10 years: they have already delivered the Bacton Sandscaping project and are in the process of progressing Lowestoft tidal flood walls and barrier. They will have a capital scheme for Cromer and Mundesley online early next year.	EA	
21	developments.	<b>6.2</b> The maintenance regimes of delivery agencies and authorities are shared between NSFA partners to facilitate closer cooperation in areas of mutual interest / responsibility.		Anglian Water EA IDBs	
22		<b>7.1</b> Sharing mobile numbers of all first responders to reduce the time it takes to contact the appropriate person who can make decisions with the skills and knowledge on the ground.	Services with 24hr response - contact should always be through established arrangements - not to individuals - relying on individual contacts more likely to impede and not enhance response - eg leave, change of roles, assigned to other events etc. Item closed – to be transferred to Appendix B.	NRF Chair	
23	<b>Task 7</b> . Effective management of the multi-agency response to improve consistency of	<b>7.2</b> Explore the creation of Community Resilience Team at Parish Council level able to respond to flooding events.	Being considered by NRF, NFRS and NALC. To be assisted and enabled by increased situational awareness from data embedded in Norfolk Prepared website.	NRF Chair CFO, NFRS	
	delivery across the County to ensure we retain the confidence of Norfolk communities.		Norfolk ALC is already doing work in this area to gather names into a 'register'. Learn from and make links with any COVID support groups set up at county, district or Parish level.	NALC	

24	<b>7.3</b> Explore potential roles for the NRF and local resilience planners in advising, preparing and supporting mitigation measures (such as education).	Being considered by NRF. Will require identification of risks specific to geographical location. NRF assessing options for education/training of community champions. Norfolk Prepared to be used as a platform to inform public on pre-emptive actions that can improve their resilience to local risks.	NRF Strategic Support Officer	
25	<b>7.4</b> Consider how the NCC Resilience Hub might lead in the setting up of initial coordination function of flooding events (what resources are required to enable this?)	NRF assessing options for an improved cascade call system for setting up initial response groups. Confirmation of Local Coordination Group (LCG) roles and responsibilities being amended in Norfolk Emergency Response Guidance (NERG).	NRF Chair	
26	7.5 Consider how regular exercise events might be used to prove and improve NSFA functionality and effectiveness trough the use of a series of testing scenarios involving coastal and inland flooding events (and explore how these might mitigate drought risks).	<ul> <li>Training and assessment exercises are a key indicator of progress and to drive learning and development.</li> <li>A NSFA Flood exercise planning meeting will take place on 8 Jul (details to follow) to determine scope and objective for the NSFA autumn exercise. It will also explore options for the Norfolk contribution for the National Flood exercise in Oct 22.</li> <li>An exercise is being developed by NRF's multiagency fusion group (MAFG) that will test our response to inland and coastal flood challenges. Expected to be delivered 26-28 Oct 21.</li> </ul>	NRF Chair	

27		<b>7.6</b> Ensure the Current Shoreline Management Plans for the County are referenced in relation to the strategic flood ( and erosion) management on the coast. Can be accessed via <u>https://eur02.safelinks.protection.outlook.com/</u>	CPE will be developing this further with EA and our coastal partners and communities through the SMP action plans and via our IRF bid. An education campaign about climate change and SL rise at a regional/county level would help all RMA's in the discussions we have to have with		
28	<b>Task 8</b> . Improving the oversight of and managing delivery of riparian responsibilities.	8.1 An education campaign to educate landowners and homeowners in terms of their responsibilities around keeping ditches and culverts cleared.	communities. The EA are considering developing some guidance on this nationally but some local guidance could perhaps be developed more quickly with a Parish Council as a test area and involving local engagement from riparian owners about what support, knowledge, H&S considerations and equipment a riparian owner needs. Cambridgeshire County Council are developing riparian guidance asap on this so perhaps you could collaborate with them for efficiency and speed? Charles Krolik-Root is the lead on this at CCC.	NCC as LLFA	
29		<b>8.2</b> Explore the practicalities and benefits of a single lead organisation for managing all watercourses in the County. How would this be resourced and what authorities would it require (how might these impact on the statutory obligations of other NSFA elements)?			
30		<b>8.3</b> The NSFA partners will review existing responsibilities of the EA, LLFA, Broads Authority and IDBs across the County to assess if there is a better balance of those responsibilities in managing and maintaining			

		the Country's contained allowed allowed and the states			1
		the County's watercourses alongside riparian			
		owners, and to look at mechanisms for			
		achieving that, including new legislation.			
		<b>9.1</b> Need to better understand EA's policy	EA provides their current policy position:		Item closed.
31		around river dredging and whether this is being			Will be
		undertaken.	Dredging means removing accumulated material		transferred to
			in waterways, such as gravel or soil (often		the record of
			referred to as silt). Dredging in certain locations		completed
	Task 9. Improve		may improve land drainage by lowering the river		actions in Jul
	understanding of the		level to allow water to flow from the land or	All	21.
	policy framework		from drains, however it may sometimes cause		
	across all NSFA		unintentional flooding downstream. Dredging		
	members and		may also be ineffective in reducing flooding, as		
	improve the		the natural processes in many rivers can cause		
	consistency of its		silt to build up again quickly. Dredging may also		
	delivery across the		damage wildlife and ecosystems in certain areas.		
	County of Norfolk		In extreme flooding events, the small increases		
			in width and depth achieved by dredging a		
			waterway do not provide enough capacity to		
			contain the excess flood water. This means		
			dredging is not always the best solution to		
			managing flood risk, and we may suggest other		
			measures instead. When the EA dredges they		
			focus work on locations where the risk of		
			flooding, economic loss and risk to life are the		
			greatest. They may dredge an area if there is		
			evidence that:		
			dredging will reduce flood risk to local		
			properties will not increase flooding		
			downstream it is affordable to do so		
			(disposal of silt may be expensive).		

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		<ul> <li>it is compatible with restrictions around protected species.</li> </ul>		
32	<b>9.2</b> Need to better understand the Declassification of Infrastructure Programme being undertaken by Anglian Water.	Anglian Water does not have a declassification programme, but they will review assets that are incorrectly classified when they are made aware. Anglian Water to lead this work and communicate it comprehensively with the NSFA.	Anglian Water	

#### **APPENDIX B – RECORD OF ACHIEVEMENTS**

SER	ACTION	OUTCOME	ACHIEVED
1	Consider the need for a single, centralised flood line number that provides a mechanism through which flooding can be reported, specific triage advice can be provided and generic flood prevention and resilience guidance can be sought.	Single flood line number in place to provide 24/7 hub for flood advice and support. Flyer produced that covers advice and provides details on organisational flood roles and responsibilities. Flyer will be distributed to all properties and business and properties across Norfolk by the end of May 21	27 May 21
2	Production of clear comms tools (leaflet/website) for householders and businesses with emergency contact numbers.	Flyer produced by the NRF (MAFG) and NCC Comms that has been distributed to all addresses across the County. This flyer provided details on the single flood line number, the roles and responsibilities of various agencies and authorities and provided link to other advisory / resilience websites.	27 May 21
3	Develop a prioritised list of flood work that can be used to galvanise a collaborative approach to complex flooding sites	First tranche comprises a list of 16 flood sites that have been identified as complex and requiring multi agency involvement to resolve. Outline costed solutions will be worked up, with a lead agency for each site. These solutions can then be delivered when the necessary funding has been secured.	

### **APPENDIX C – NSFA MEMBERSHIP**

SER	ORGANISATION	REPRESENTATIVE	COMMENT
1	NSFA Executive	Lord Richard Dannatt	Chair
2	NSFA Executive	Nick Tupper	Local Authorities POC
3	NSFA Executive	Philip Lester	Strategy, NRF and Exercising POC
4	NCC / LLFA	Cllr Andrew Proctor	Leader County Council
5	NCC / LLFA	Tom McCabe	ED Paid Services
6	NCC / LLFA	Graham Bygrave	Highways
7	NCC / LLFA	Mark Ogden	Flood and Water Management
8	NCC / LLFA	Duncan Merren	Communications
9	Inland Flooding Group	Trevor Holden	MD Broadland & South Norfolk District Council
10	Coastal Flooding Group	Sheila Oxtoby	CEx Great Yarmouth Borough Council
11	Breckland District Council	Cllr Sam Chapman- Allen	Leader District Council
12	Breckland District Council	Maxine O'Mahony	ED District Council
13	Broadlands District Council	Cllr Shaun Vincent	Leader District Council
14	Borough of Gt Yarmouth Council	Cllr Carl Smith	Leader Borough Council
15	Borough of Kings Lynn & West Norfolk Council	Cllr Stuart Dark	Leader Borough Council
16	Borough of Kings Lynn & West Norfolk Council	Lorraine Gore	CEx District Council
17	North Norfolk District Council	Cllr Sarah Butikofer	Leader District Council
18	North Norfolk District Council	Steve Blatch	CEx District Council
19	Norwich City Council	Cllr Alan Waters	Leader City Council
20	Norwich City Council	Stephen Evans	CEx City Council
21	South Norfolk District Council	Cllr John Fuller	Leader District Council
22	Anglian (Great Ouse) Regional Flood and Coastal Committee (ARFCC)	Richard Powell	
23	Anglian Eastern Regional Flood and Coastal Committee (AERFCC)	Brian Stewart	
24	Association of Drainage Authorities (ADA)	Innes Thompson	
25	Anglia Water (AW)	Jonathan Glerum	
26	Broads Authority (BA)	Marie-Pierre Tighe	
27	Coastal Partnership East (CPE)	Karen Thomas	
28	Environment Agency (EA)	Mark Johnson	
29	Highways Agency (HA)	Simon Amor	
30	National Farmers Union (NFU)	Rob Wise	
31	Norfolk Resilience Forum (NRF)	Stuart Ruff	Also Chief Fire Officer, NFRS

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32	Norfolk Association of Local Councils (NALC)	John Pennell	
33	Water Resources East (WRE)	Robin Price	
34	Water Management Alliance (WMA)	Phil Camomile	