



North West Regional Flood and Coastal Committee

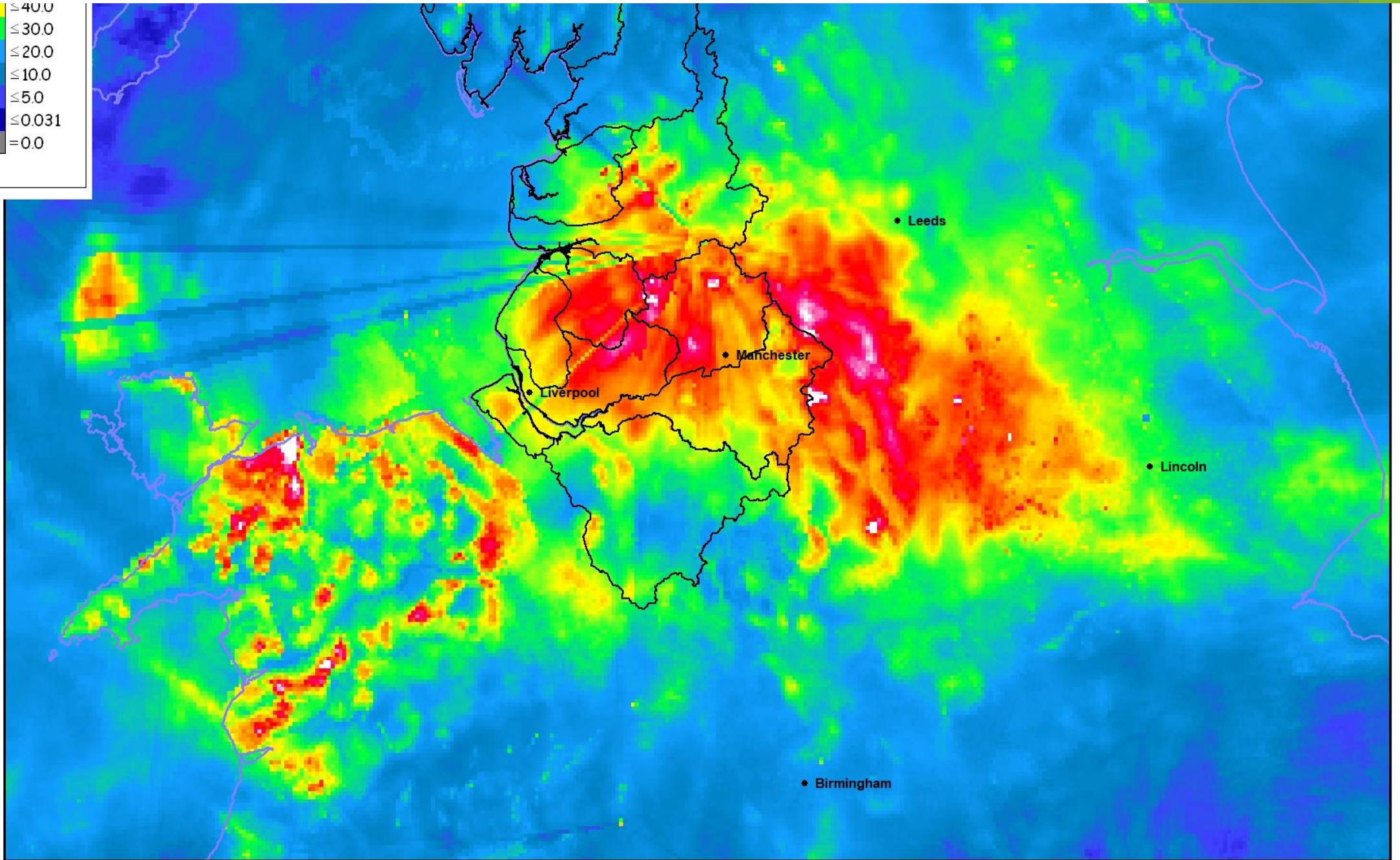
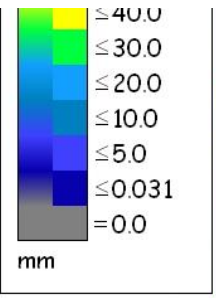
18 October 2024

Agenda Item 2

Minutes of the RFCC meeting
held on 19 July 2024 and
matters arising

Agenda Item 3

Recent Flooding Incidents



Agenda Item 4

Report from the RFCC Finance & Business Assurance Sub-group

Presented by Neville Elstone and Andy Tester

North West RFCC Investment Programme Overview: 2024-25

What outcomes are we delivering?

		*North West	North West	Actual to
		Target	Forecast	date
		2,840	3,234	366

Are we spending the funding we have secured?

	Capital funding available	Capital forecast
	£109.911 million	£121.743 million

Capital Efficiencies Claimed

Efficiencies			
£ £ £			
	Target -2024 (10% of actual GiA expenditure)	Actual	Left to claim
CLA	6,556,600	603,060	-5,953,540
GMMC	3,286,149	696,883	-2,589,266
North West	9,842,749	1,299,943	-8,542,806

Scheme	Area	RMA	Efficiency Value (FDGiA)
Kendal FRMS	CLA	Environment Agency	£464,279
Lower Risk Debris Screens GMMC Assessments	GMMC	Environment Agency	£360,701
River Mersey (South Manchester Catchments) Strategy Project	GMMC		£285,611
Skirting & Whangs Beck FRMS	CLA	Environment Agency	£94,807
River Roch, Rochdale & Littleborough Flood Risk Management Scheme	GMMC	Environment Agency	£50,570
Recovery and Reconditioning	CLA	Environment Agency	£26,000
Preston & South Ribble FRMS	CLA	Environment Agency	£17,973
Total			£1,299,941

EA Revenue Programme financial summary 2024-25 (inc. Asset Maintenance, Staff Costs and Revenue Projects)

Resource Programme, inc. Maintenance, Staff Costs and Resource Projects	Budget £k	Forecast £k	Forecast Variance to Budget £k
Cumbria & Lancashire	11,138	16,110	-4,972
Greater Manchester, Merseyside & Cheshire	9,927	12,387	-2,460
EA Total FCRM GiA Resource	21,065	28,497	-7,432



2022-2023

Resource budget of
£6.81million

2023-2024

Resource budget of
£6.48million

2024-2025

Resource budget of
£6.2million

**Maintenance is costing more and we can't
deliver the same scale of maintenance**

Re-focus our maintenance priorities

**Legal
Compliance**

**Maintenance
Obligations**

**EA high risk
assets**

**Watercourse
Maintenance
in high flood
risk areas**

**Assets
under notice
in Land
Drainage
Areas**

North West RFCC Risks – 2024/25

- ▶ The EA Resource Maintenance programme must spend to budget with forecasts landing the programme in-line with budget.
- ▶ Inspections to low-risk watercourse and third party owned culverts have been stopped. Local Authorities and private landowners need to consider options to fund these activities within their own budget.

North West RFCC Risks – 2024/25

- The National Capital Programme has seen high levels of Over-Programme throughout Q1 and Q2
- The National Programming team have given a directive to actively manage the Area capital programme to 5% over-programme or below by the end of Q2.

North West RFCC Risks – 2024/25

Weather disruption:

Wk beginning 30 September...

‘The EA have been working round the clock monitoring river levels, issuing flood warnings and taking action to reduce flood risk.’



EA staff checking flood storage basin at Croston in Lancashire

Recommendations from the Sub Group

- **Note** the progress on delivering the 2024/25 Capital and Resource programmes
- **Note** the risks to the North West Programme in 2024/25

Local Levy Programme Update

Presented by Andy Tester

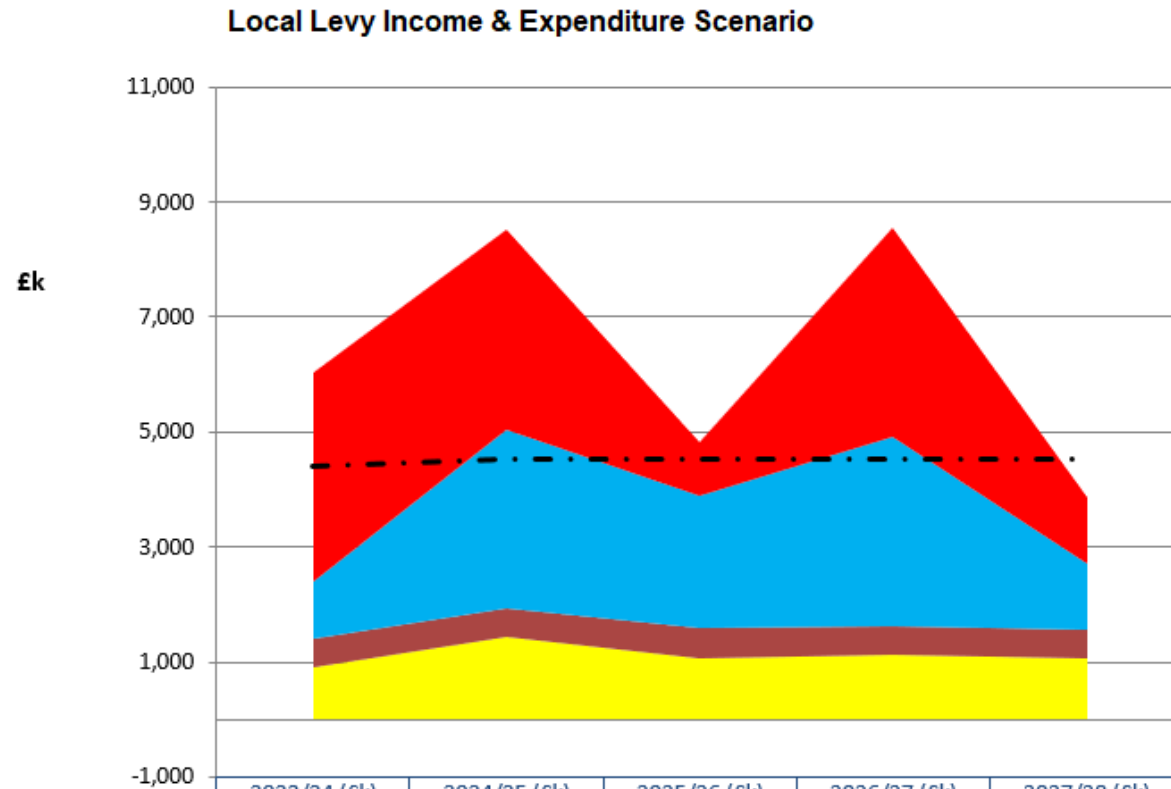
NW RFCC Local Levy Programme - 2024/25 and Beyond

Local Levy Income & Expenditure Scenario



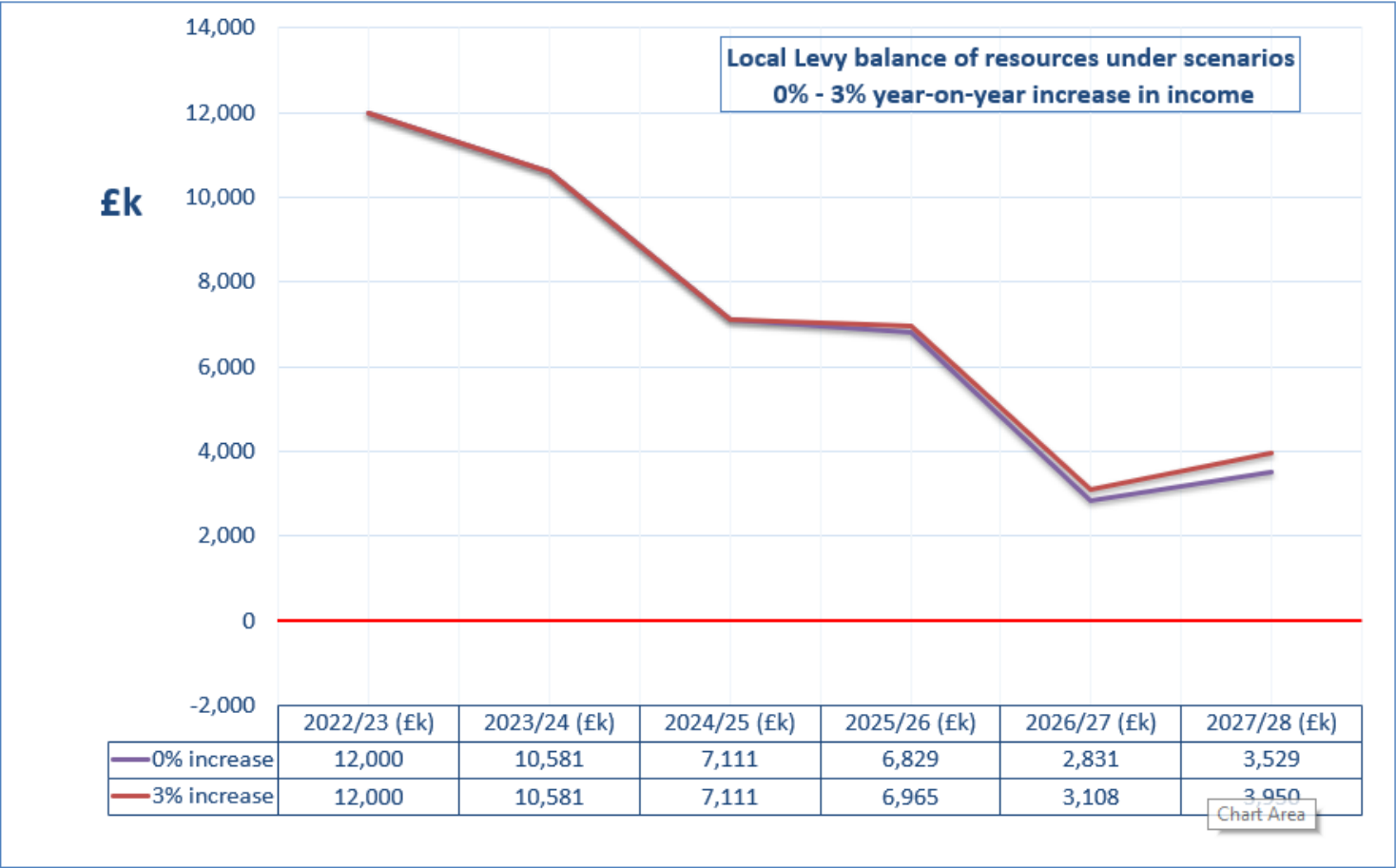
2024-25	
Local Levy income and allocation summary (£ million)	
Cash balance at start of year	10.575
Expected interest from 2023/24	0.521
Local Levy income (4.412 + 3%)	4.544
Total available balance	15.640
Latest forecast	8.539
Expected remaining cash balance at year end	7.101

Local Levy Income and Expenditure Scenario



	2023/24 (£k)	2024/25 (£k)	2025/26 (£k)	2026/27 (£k)	2027/28 (£k)
■ Priority capital schemes => £1m (Levy)	3,640	3,500	947	3,613	1,142
■ Smaller capital schemes	1,009	3,093	2,301	3,316	1,145
■ Partnership Quick Wins	490	500	500	500	500
■ RFCC Business Plan	908	1,442	1,078	1,113	1,059
Sub Total Expenditure	6,047	8,535	4,826	8,542	3,846
- - Local Levy Income	4,412	4,544	4,544	4,544	4,544

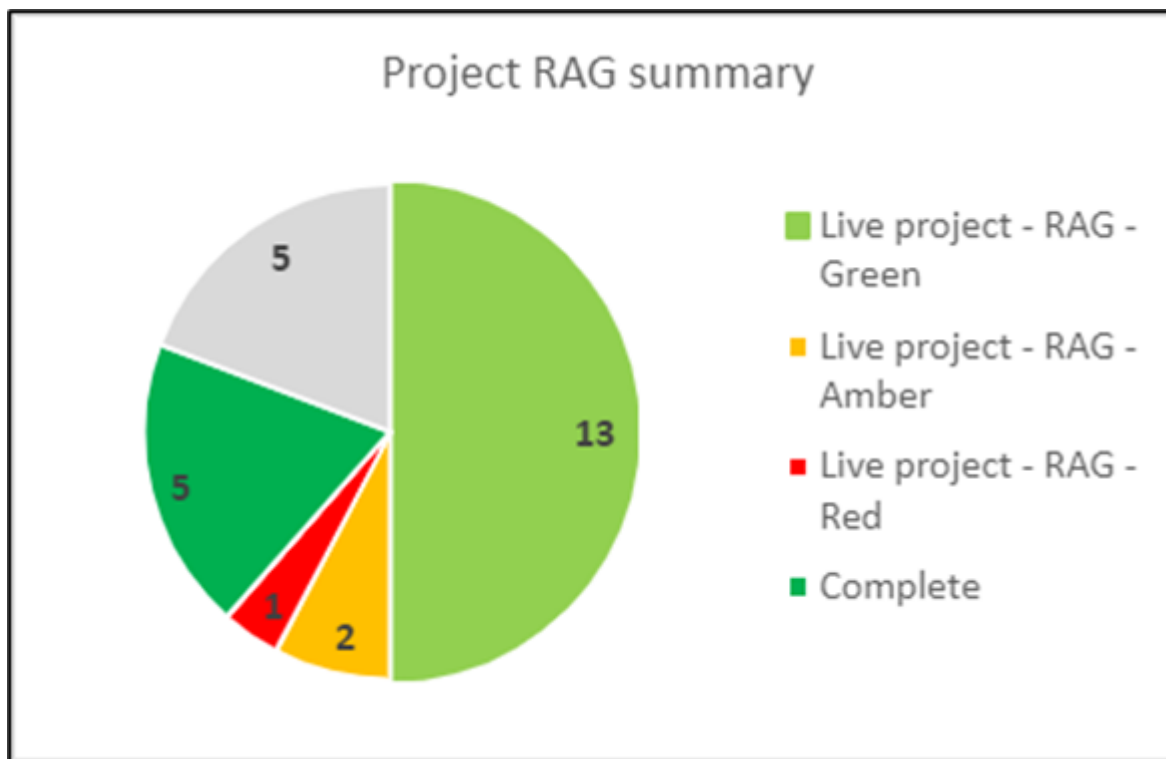
NW RFCC Local Levy Programme – 2024/25 and Beyond



RFCC Business Plan

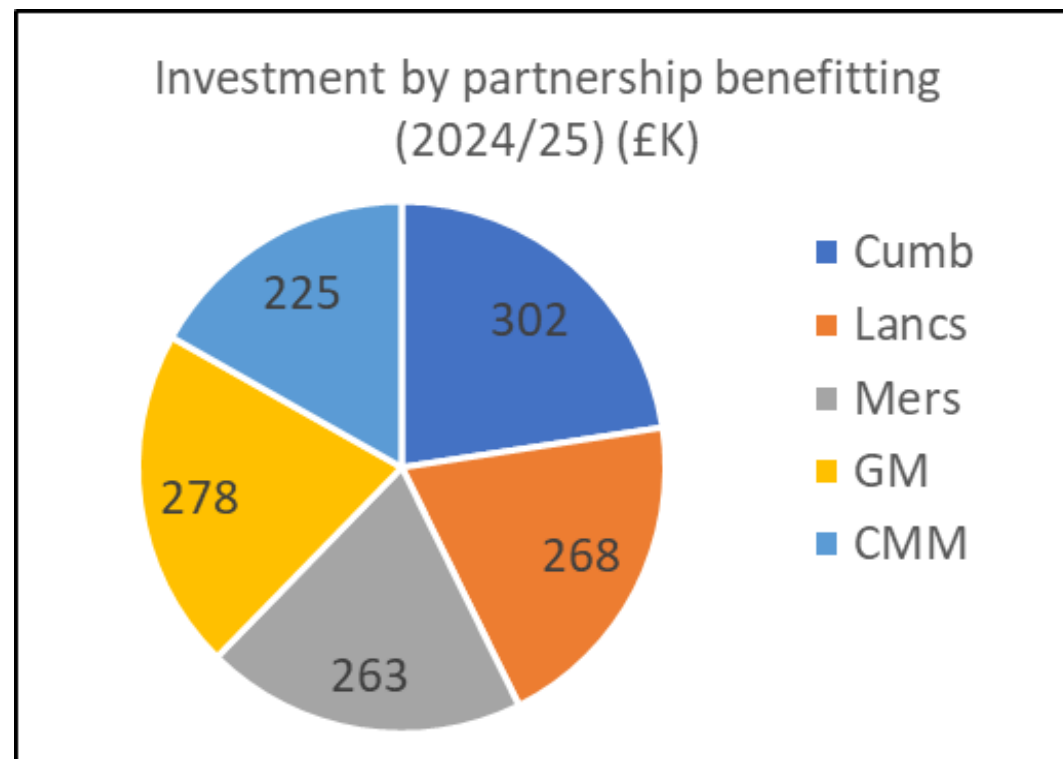
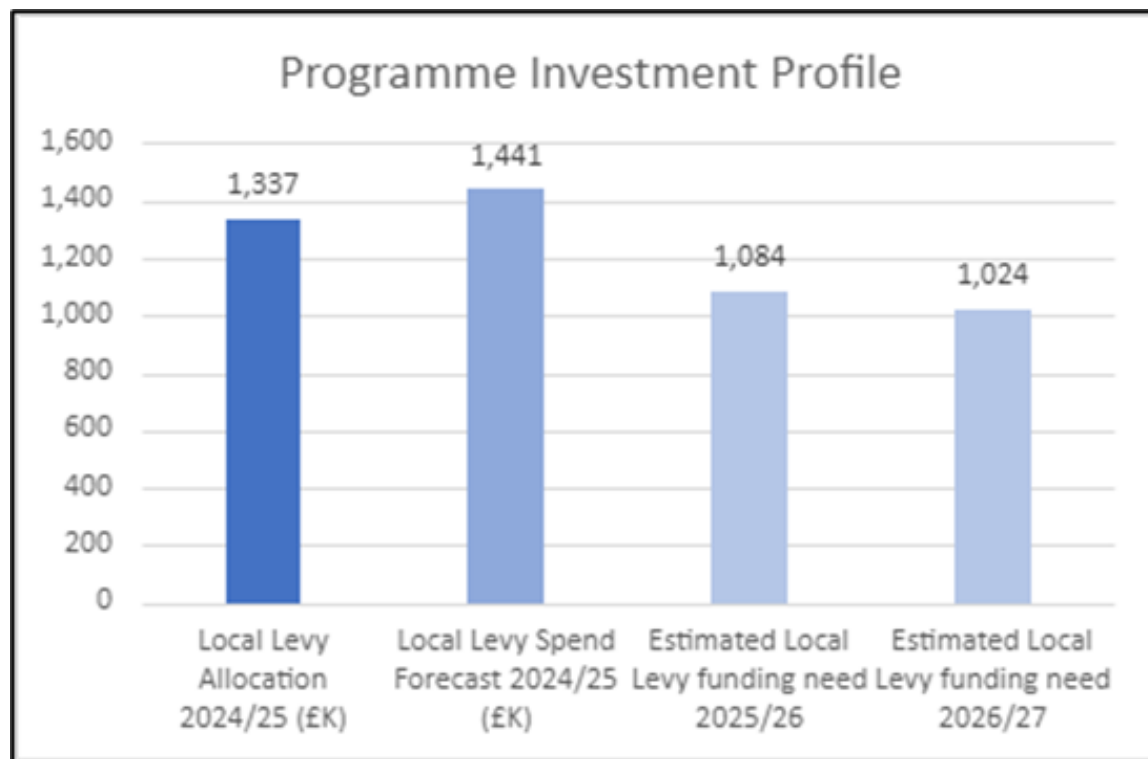
Presented by Sally Whiting

Programme update



- Good progress overall with more projects complete.
- Of 21 projects which have been progressed:
 - 3 were completed previously
 - 2 are reported as newly completed this quarter
 - 13 are progressing well (Green)
 - 2 are behind schedule (Amber)
 - 1 is under review and not currently progressing (Red)

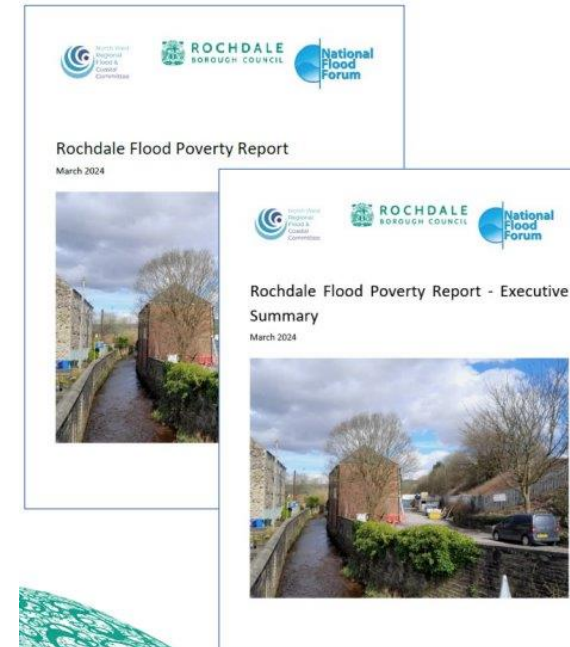
Programme update



Projects complete

- ID8 Flood Poverty Project
(£134K Local Levy contribution)

- ID21 Highways SuDS Design
Guide
(£20K Local Levy contribution)



Project proposal

- ID12 Unpave the Way – Project extension


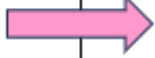





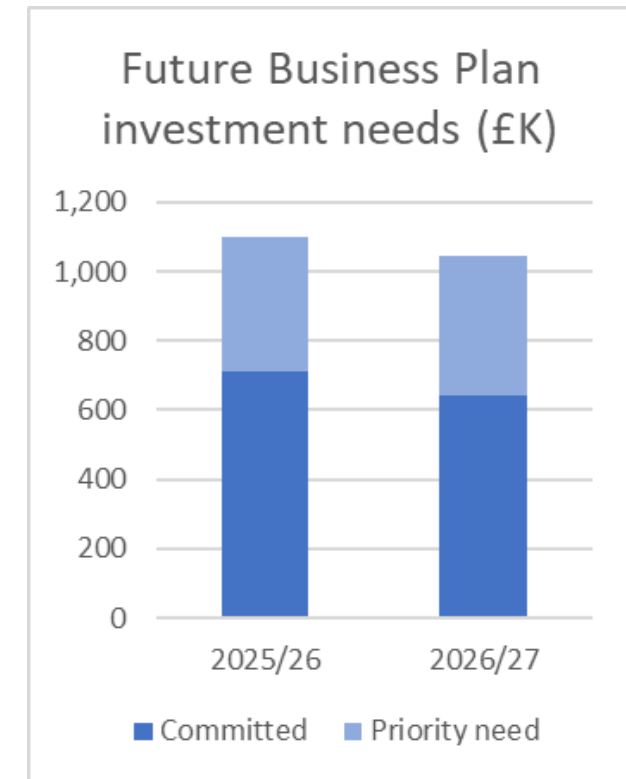
Recommendations from the Sub Group

- To formally recognise the completion of projects ID8 and ID21
- To approve the extension of the Unpave the Way project for a further three years with additional Local Levy funding of £200K

Business Plan Refresh Approach

Current Plan 2022 – (March) 2025

National Strategy Ambitions		RFCC Business Plan Ambitions
Future risk and investment		Accessing investment and funding
A nation ready to respond and adapt to flooding and coastal change		Building community resilience
		Increasing Risk Management Authority Capacity and Collaboration
Climate resilient places		Managing Water at Catchment Scale with Nature
Today's growth and infrastructure resilient in tomorrow's climate		Achieving climate resilient planning, development and infrastructure



Business Plan Refresh Approach

- Option A - Extend the timeframe of the plan by one year to March 2026
- Option B (Proposed) - Extend the timeframe of the plan by two years to March 2027, with light-touch consideration of strategic aims and actions by lead partnerships

Pros	Cons
More time for policy changes from new government and to consider how Business Plan could support	Limited continuity across RFCC Chair transition
Aligns to end of capital investment programme	
No current Business Plan commitments beyond 2027 – allows full review of investment support	
Next RFCC Chair shapes the next Business Plan	

Recommendations from the Sub Group

- To extend the timeframe of the plan by two years to March 2027, with light-touch consideration of the strategic aims and actions by lead partnerships

Agenda Item 5

Local Levy for 2025/26

Agenda Item 6

Asset and Data Mapping Project

Presented by Jill Holden, Sarah Wardle and Tom Doyle

Collaborative approaches to asset management & maintenance

RFCC Meeting 18 October 2024



GMCA ARUP



Introduction

GM & Merseyside

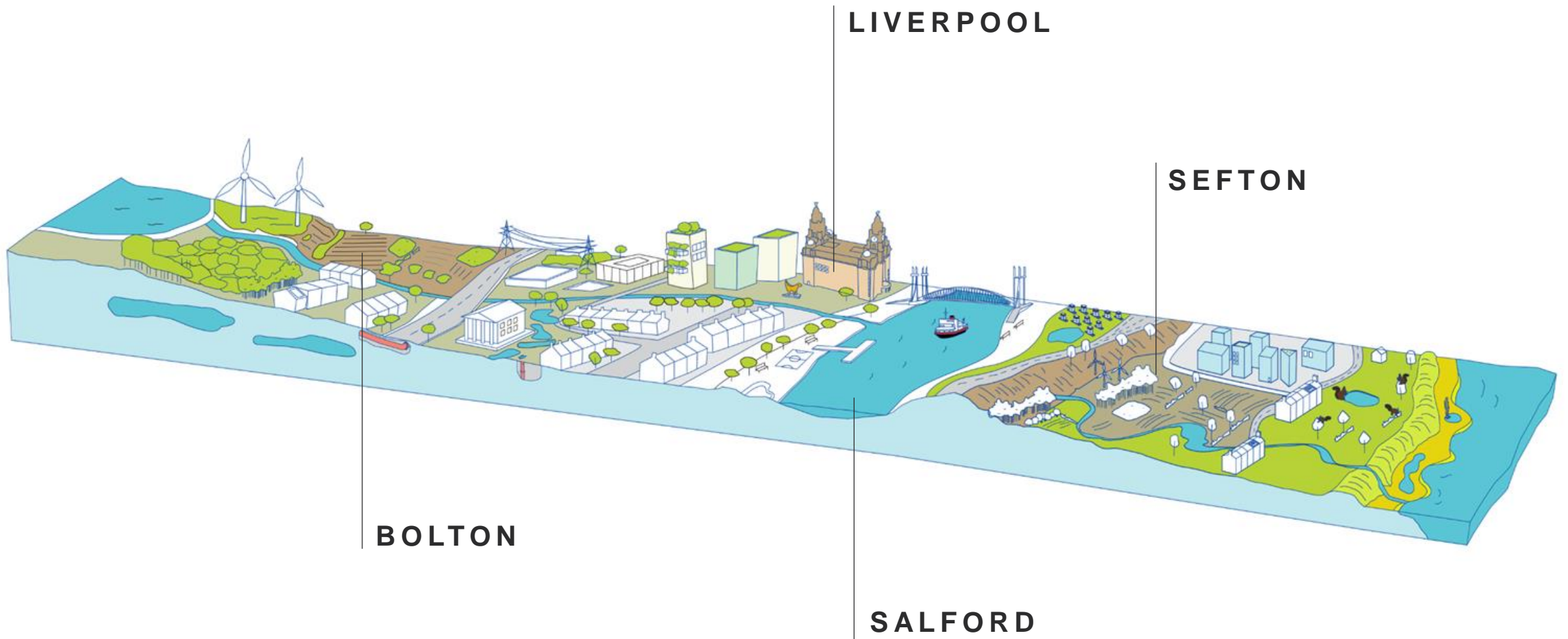
- Project leads Jill Holden, GM and Sarah Wardle, Merseyside.
- Joint venture by GM and Merseyside partnerships funded through the NW RFCC to be delivered July 2023 to March 2025.
- RFCC BP identified two Strategic Aims:
 - Accessing Investment and Funding- GM led
 - Achieving Climate Resilient Planning Development and Infrastructure- Merseyside led.
- Under these Aims, 2 projects were being scoped; Collaborative approach to asset maintenance and management and Data sharing and mapping of flood risk and drainage assets by the individual partnerships.
- Identified crossovers with the two projects in terms of deliverables/Strategic Aims.
- Decision made to collaborate on a joint Merseyside and GM project looking at a 'Collaborative approach to asset maintenance and management and data sharing and mapping of flood risk and drainage assets' - sharing the workload and pooling resources and ideas.



What is the project about?

Developing collaborative approaches to local flood risk management by:

- Improving the way data about local flood risk assets is collected, recorded and shared
- Facilitating collaboration between RMAs to address issues around complex asset ownership
- Working with public, private and third-party asset owners to identify opportunities for collaborative asset management and maintenance that makes efficient use of available budgets





Phase I.

Understanding the baseline



- **HOW** asset registers are being used
- **WHAT** data is being captured
- **WHAT** systems are being used
- **WHAT** challenges currently exist

Phase I.

Understanding the baseline

Compliance & legal obligations

Information for planning applications

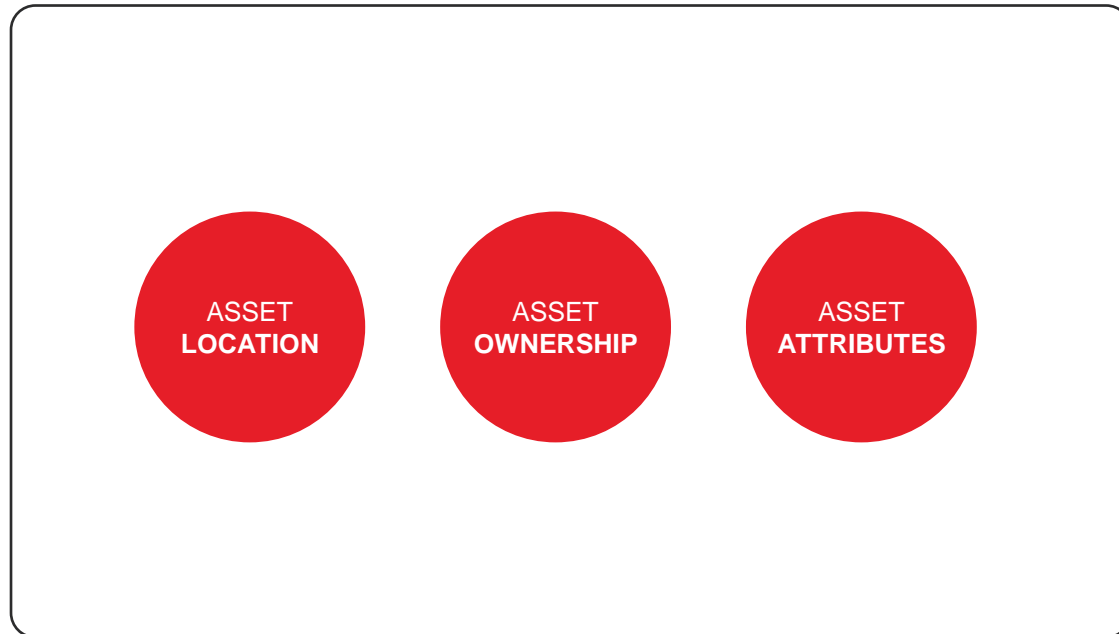
Understanding past events (flood investigations)

Prioritising maintenance

- **HOW** asset registers are being used
- **WHAT** data is being captured
- **WHAT** systems are being used
- **WHAT** challenges currently exist

Phase I.

Understanding the baseline



- HOW asset registers are being used
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Phase I.

Understanding the baseline



- HOW asset registers are being used
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Phase I.

Understanding the baseline

CONSISTENCY
FUNCTIONALITY
BUDGETS PRIORITIES
RESOURCES
CAPACITY SKILLS STANDARDS
TIME SOFTWARE COSTS

- HOW asset registers are being used
- WHAT data is being captured
- WHAT systems are being used
- WHAT challenges currently exist

Phase II.

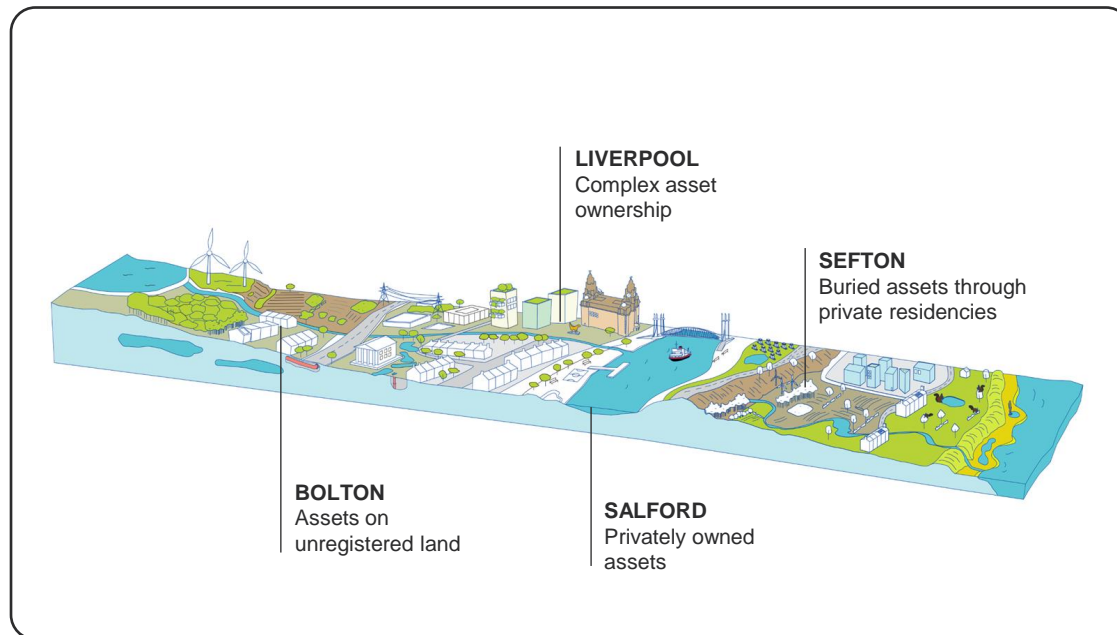
Exploring the problem space



- **WHAT** are the common challenges?
- **WHO** are the stakeholders involved?
- **WHAT** are data practices like?
- **WHAT** data platforms are being used?
- **WHAT** does good look like?

Phase II.

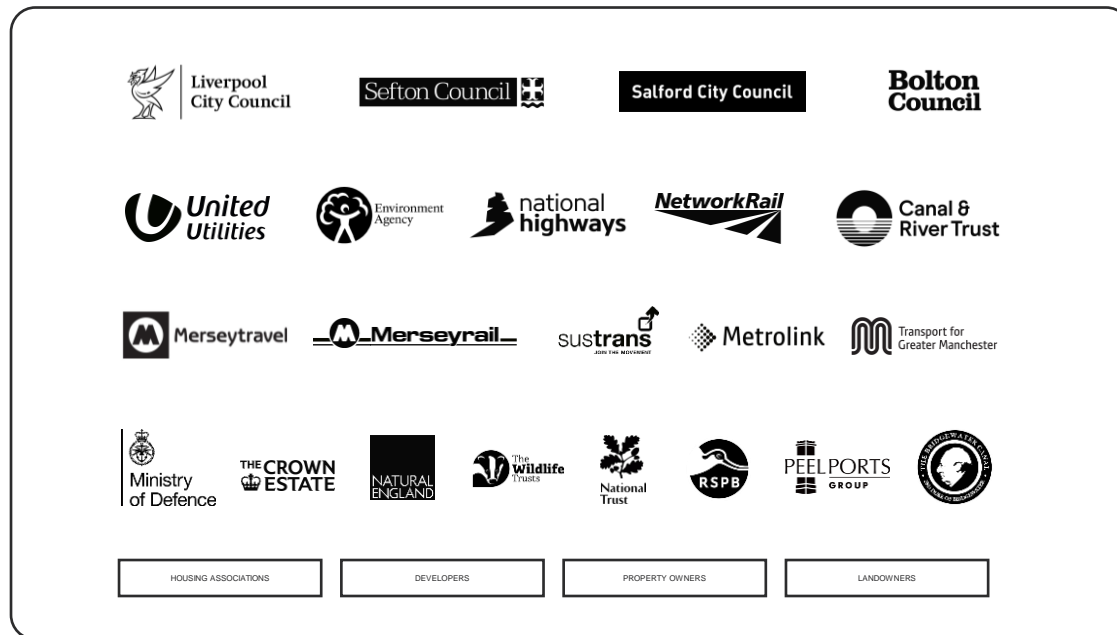
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Phase II.

Exploring the problem space



WHAT are the common challenges?

WHO are the stakeholders involved?

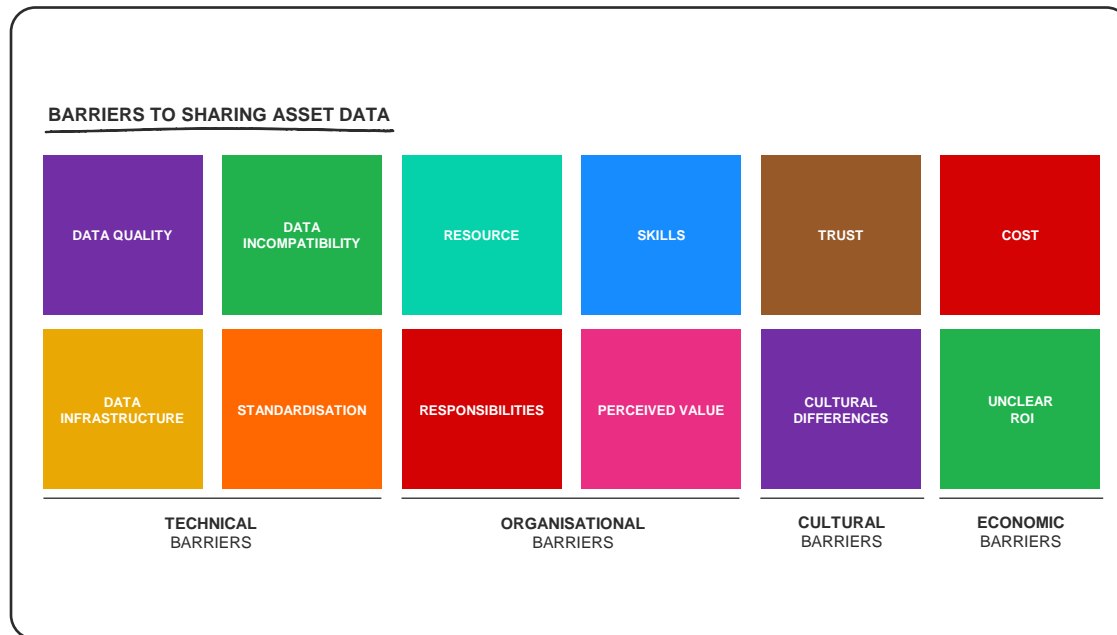
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Phase II.

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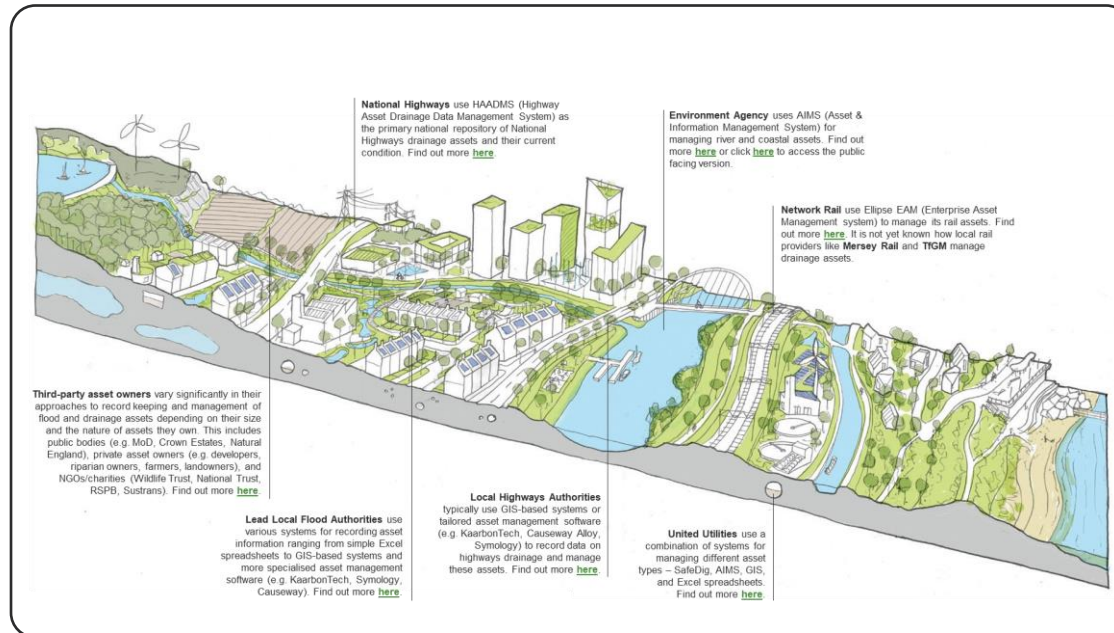
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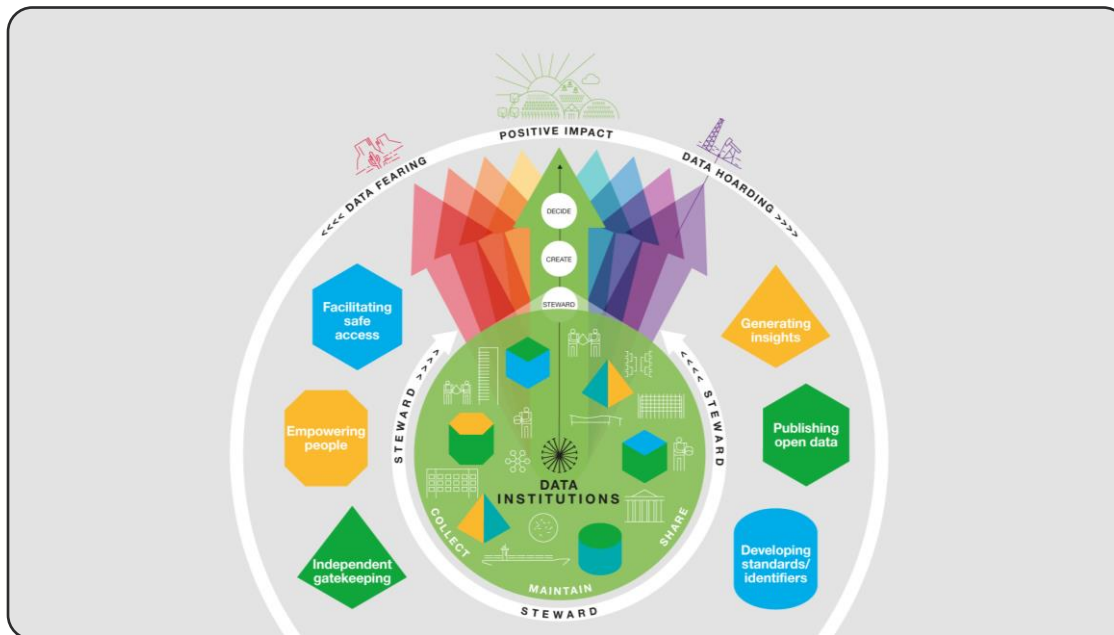
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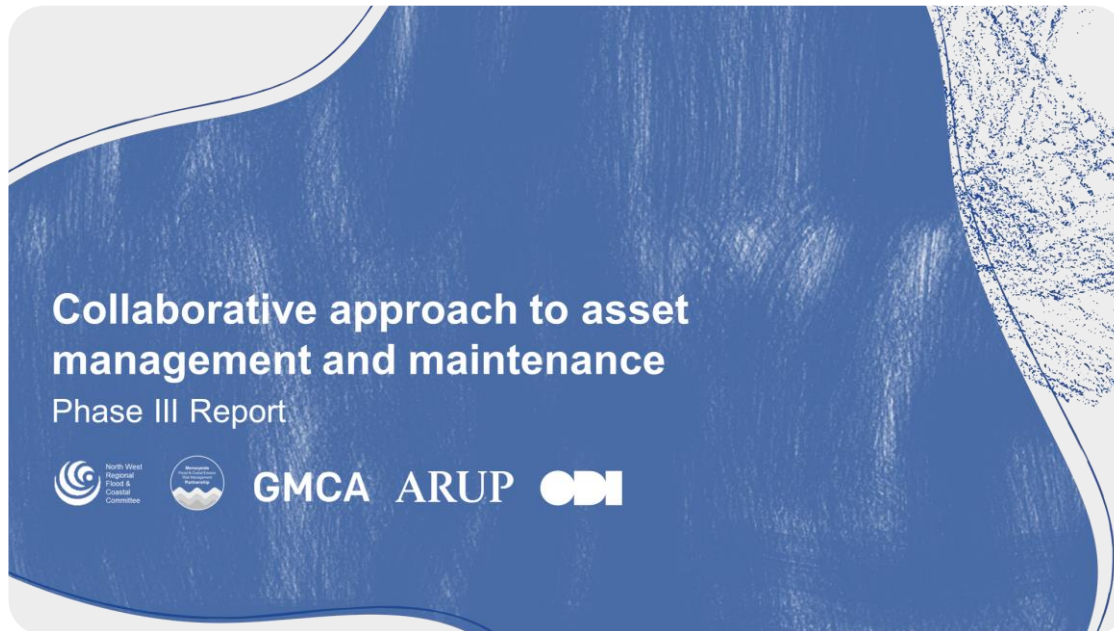
Exploring the problem space



- WHAT are the common challenges?
- WHO are the stakeholders involved?
- WHAT are data practices like?
- WHAT data platforms are being used?
- WHAT does good look like?

Phase III.

Identifying collaborative approaches



- **WHY** collaborate ([business case](#))
- **WHEN** to collaborate ([opportunities](#))
- **WAYS** to collaborate ([governance framework](#))
- **GUIDANCE** on [resolution](#) & [enforcement](#)
- **NEXT STEPS** for collaboration





GMCA ARUP



Agenda Item 7

Highways SuDS Design Guide

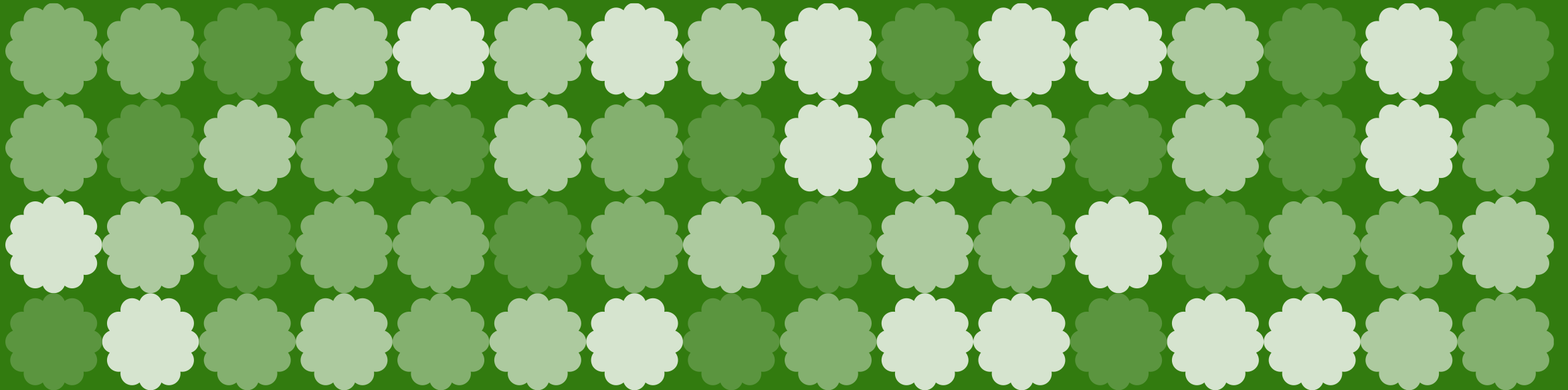
Presented by Jill Holden, CGMA

Greater Manchester's Sustainable Drainage Design Guide



Jill Holden

GM Flood and Water Management Programme Manager



Purpose of the Guide

A technical guide to support the delivery of more SuDS in complex urban environments that are **buildable**, **adoptable**, **maintainable** and **value for money**.

- Greater resilience of Highway network – support delivery of Bee Network.
- Provide an agreed approach to designing and delivering SuDS across Greater Manchester - promotes consistency, quality and supports delivery.
- Become a platform for engagement with developers.
- Increase officer's knowledge, skills, and confidence to promote and deliver SuDS.
- Transferable to other NW Partnerships.

Applicability and status

- SuDS Guide part of adopted GM Streets for All Design Guidance ‘family’.
- Streets for All approach: contributes to GM vision, people focused, context sensitive, streets as places in their own right.
- Requirement for SuDS guide to be used by schemes funded by GMCA.
- NPPF -“Policies and decisions should ensure that new streets are tree-lined streets”, right tree right place.
- Delivery of SuDS is often a planning condition.
- Work ongoing exploring the appetite across GM to take the Streets for All guidance further into planning policy and development management – more weight in planning decisions.



Development of the Guide

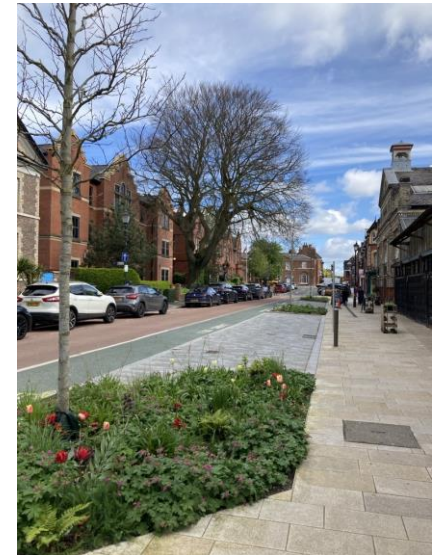
Audience

- 10 GM Local Authorities, particularly in their role as Local Highway Authority, Local Planning Authority and Lead Local Flood Authority.
- Transport for Greater Manchester.
- Organisations responsible for managing the regulated water and wastewater network.
- Engineering and design consultants supporting scheme design.
- Developers and other land holders and managers.
- Other NW Partnerships.

Funding the guide:

- GMCA
- TfGM
- United Utilities
- NW Regional Flood and Coastal Committee
- EU Natural Course project

Reflects shared benefits of delivering SuDS.

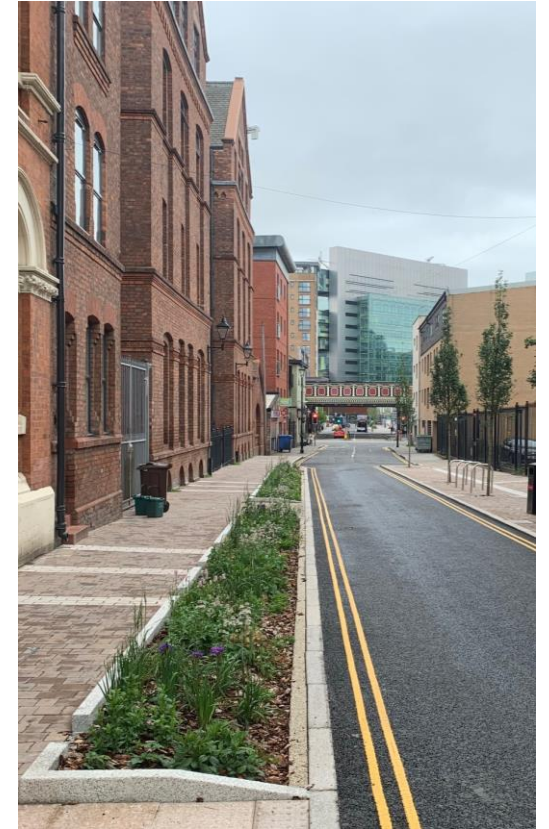


Market Street, Altrincham

Development of the Guide

Scoping

- 7 workshops held back in 2022 underpin the scope of the guide. Main findings included:
 - Generally, lack of confidence in delivering retrofit SuDS across GM Local Authorities.
 - Guide should support de-risking delivery and maintenance of SuDS.
- Engaged with GM Local Authorities and wider stakeholders e.g. Environment Agency, City of Trees, United Utilities, other NW Partnerships.

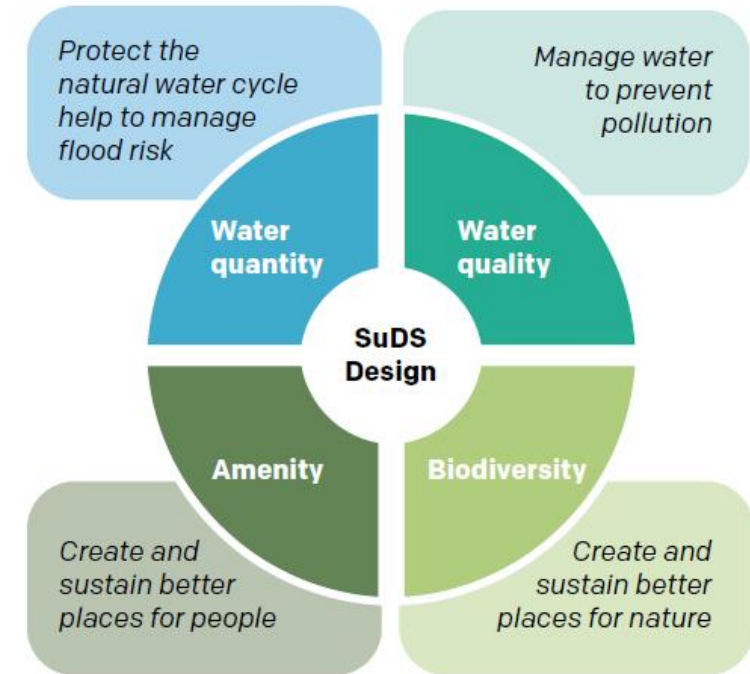


Salford – picture courtesy of SCC.

Development of the Guide

Drafting

- Content written by TfGM/GMCA team, Salford City Council and Civic Engineers.
- Steered by multi-disciplinary working group 10 GM Local Author co-writing and critical friend review throughout drafting.
- Content draws on lessons-learned from SuDS schemes in GM.
- Uses real case studies, costs and maintenance advice from those who've delivered in GM.



Content

- Tailored to retrofitting SuDS in complex urban environment.
- Provides standard details for SuDS components
 - Scalable and proportionate.
 - Using standard materials and components.
- Set out options for designers to consider across different street types.
- For a technical audience – how to calculate attenuation volumes, maintenance costs and schedules, planting schedules etc.
- Focus GM context but all outputs applicable and transferable to other Partnerships.



Carpino Place, Salford

SuDS components – retrofit examples

- Better use of available space across the highway, verges and footway.
- Rain gardens take run-off from highway and create buffer between footway and carriageway.
- Permeable paving in car parking spaces accommodates EV charger.
- Encourages slower driving speeds on quiet Neighbourhood streets.



Back to the why

Current scenario

- SuDS part of the planning process often as conditions.
- No independent approval body.
- Developers deliver SuDS but LLFA/LHA won't adopt – don't know what system has been installed.
- Not B.A.U in retrofit

Do nothing future scenario

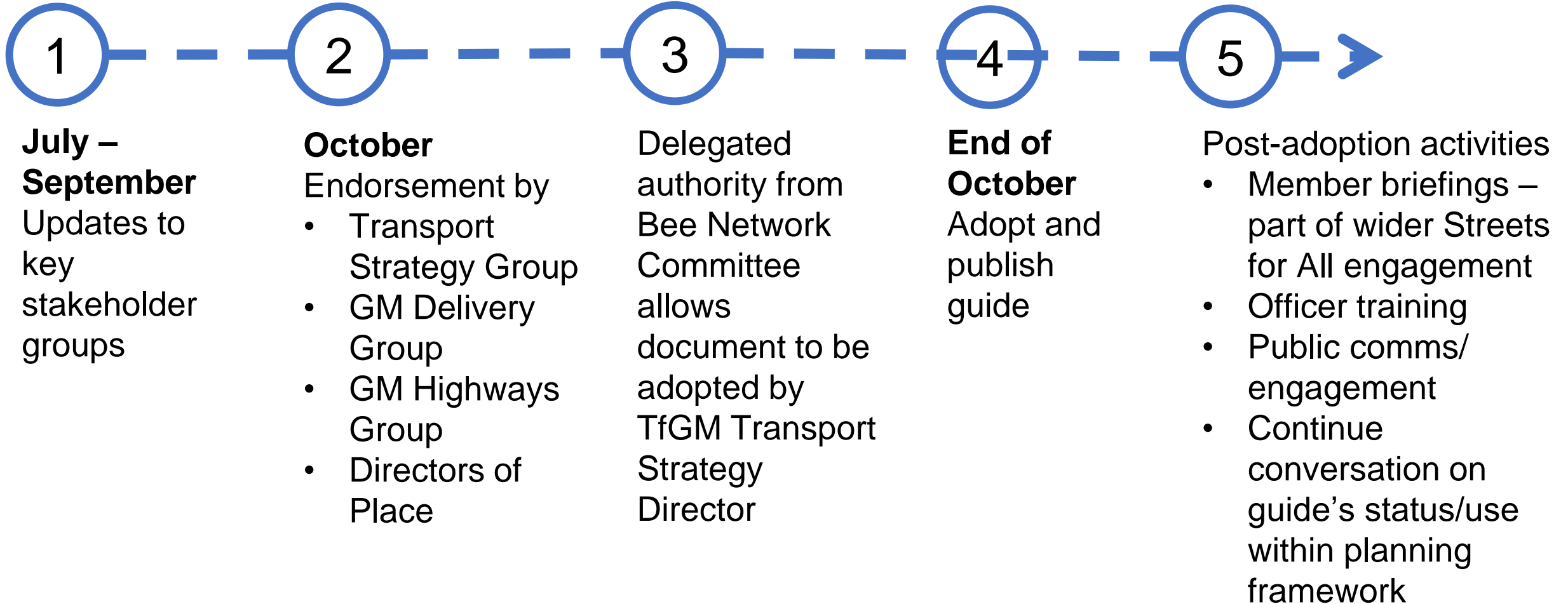
- Schedule 3 enacted with no GM-wide guidance or agreed designs.
- LLFA/LHA has weaker position over ask of developers and time wasted agreeing design and maintenance of SuDS.

SuDS Guide future scenario

The SuDS guide will:

- Inform development of integrated water management principles and standards as outlined in the IWMP.
- Provide stronger buy by LAs in the absence of Schedule 3 bringing in SuDS Approval Bodies.
- Help leverage capital investment in GM.
- Support transition of delivering SuDS as B.A.U. maximising delivery of nature-based solutions as retrofit in existing urban spaces and inclusion in new developments in accordance with PFE.
- Developers deliver SuDS that LLFA/LHA's have influence over design and finish and know what has been installed to manage the asset effectively.

Proposed adoption process and timeline



Streets for All

www.tfgm.com/strategy/streets-for-all

Get in touch at

gmstreetdesignguide@tfgm.com

Presenter: Jill Holden

jill.holden@greatermanchester-ca.gov.uk

Agenda Item 8

Unpave the Way Project

Presented by Lorah Cheyne and Sally Whiting

Garden Opening Ceremony



Unpave The Way Garden moved to Rossendale

by Aidan Williams | 07 Oct 24 | Garden Design, News | 0 comments



Lloyds Banking Group are currently producing a case study on the Unpave the Way Garden.

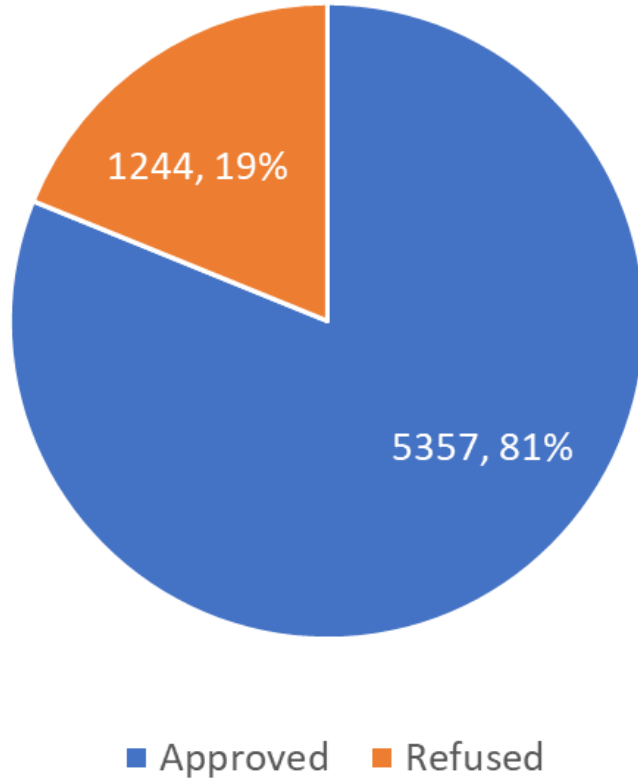


Project Research Data



Dropped Kerb Application FOI Data 2022-23

No. of Dropped Kerb Applications Approved and Refused in the North West 2022-23



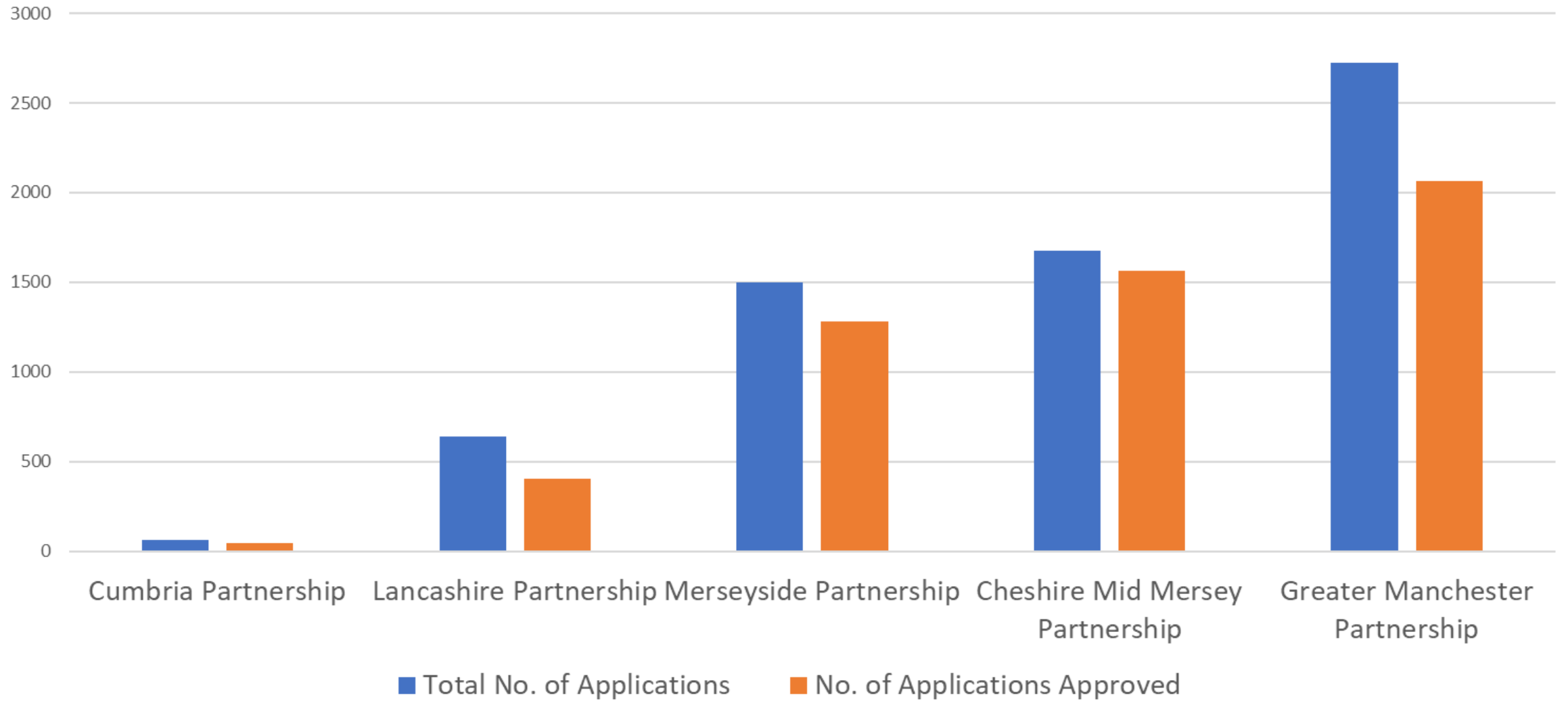
FOI Data Request was submitted to all Local Highways Authorities within the North West.

6,601 Dropped Kerb Applications were received across the North West
5,357 applications were approved.

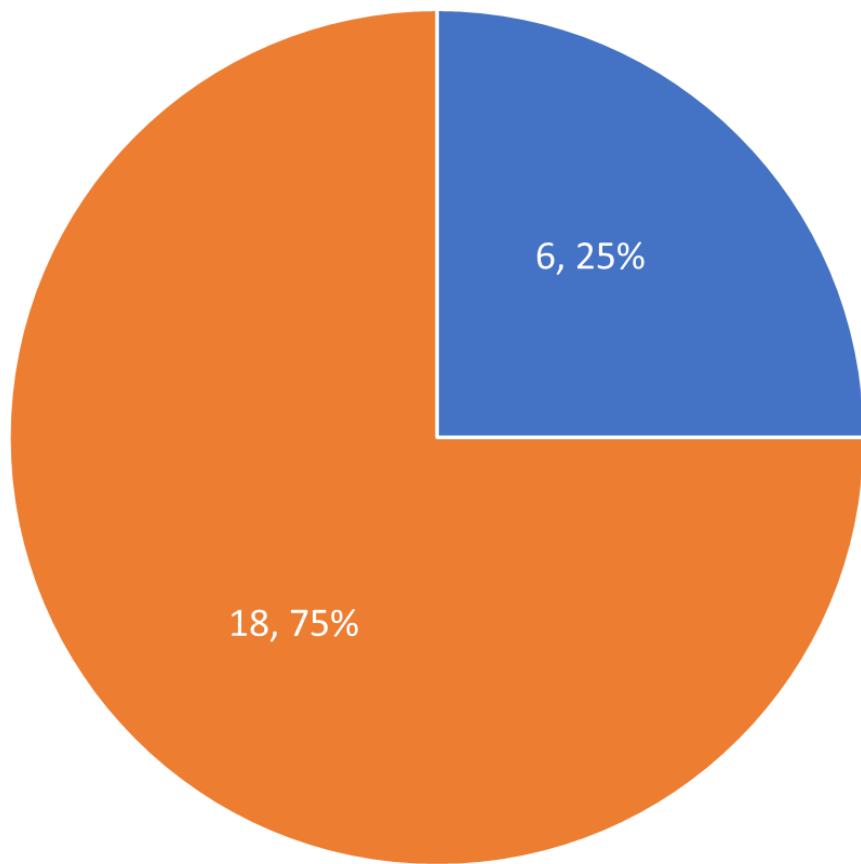
There is a correlation between dropped kerb applications and new driveway creation, as householders need a dropped kerb to gain access to and from the highway.

This data gives an insight into the scale of the paving over front gardens issue in the North West.

No. of Dropped Kerb Applications Received and Approved by Partnership 2022-2023



No. of Local Highways Authorities which Require Proof of Planning Permission during the Dropped Kerb Application Process



- Require Proof of Planning Permission
- Don't require proof of planning permission

Currently 6 out of 24 Local Highways Authorities in the North West require proof of planning permission for a new driveway during the Dropped Kerb Application Process.

This highlights opportunities to strengthen the dropped kerb application process to ensure householders gain planning permission for impermeable driveways exceeding 5m².

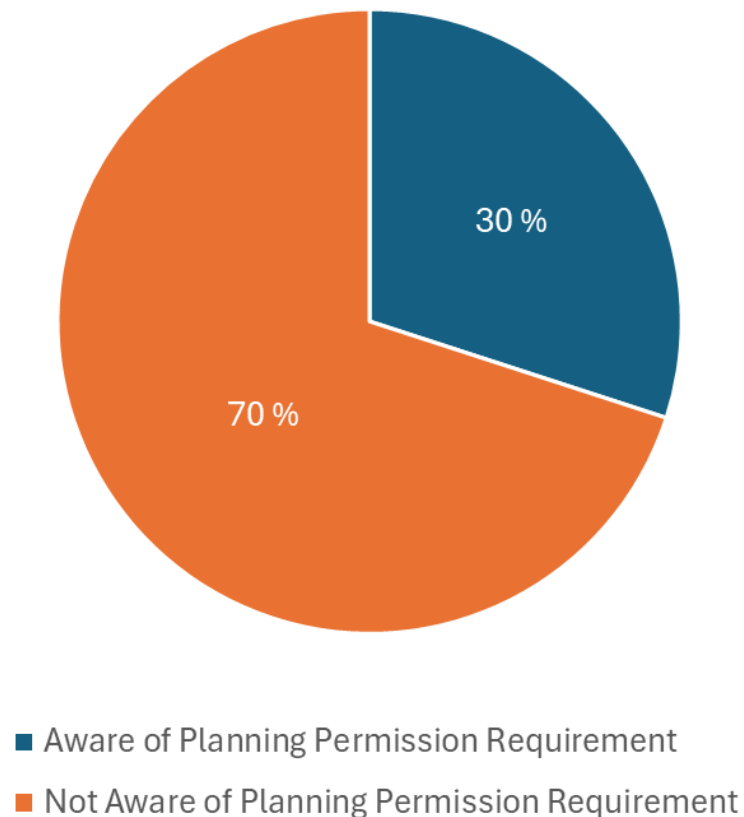
This could be a strong deterrent to householders using impermeable surfacing and instead influence them to use permeable surfacing for driveways as the first option.

The Publics Key Barriers to Installing Sustainable Drainage (SuDS) and Rainwater Harvesting: RHS Show Survey Data 2024

- Lack of knowledge of SuDS amongst the public.
- Financial barriers, concerned about the cost of features, perceive them to be more expensive than traditional drainage/impermeable features.
- Don't feel confident doing these features DIY.
- Can't find contractors with suitable skills/experience.
- Lack of knowledge of the impacts of paved gardens, didn't realise the bigger picture i.e., increased flooding and pressure on sewers.
- Landlords will not allow renters to modify gardens.
- Don't know that permeable products are available.
- Challenging clay dominated soils which they don't know how to manage.

Planning Permission Requirement Awareness

Percentage of Respondents Aware of the 5m2 Planning Permission Requirement

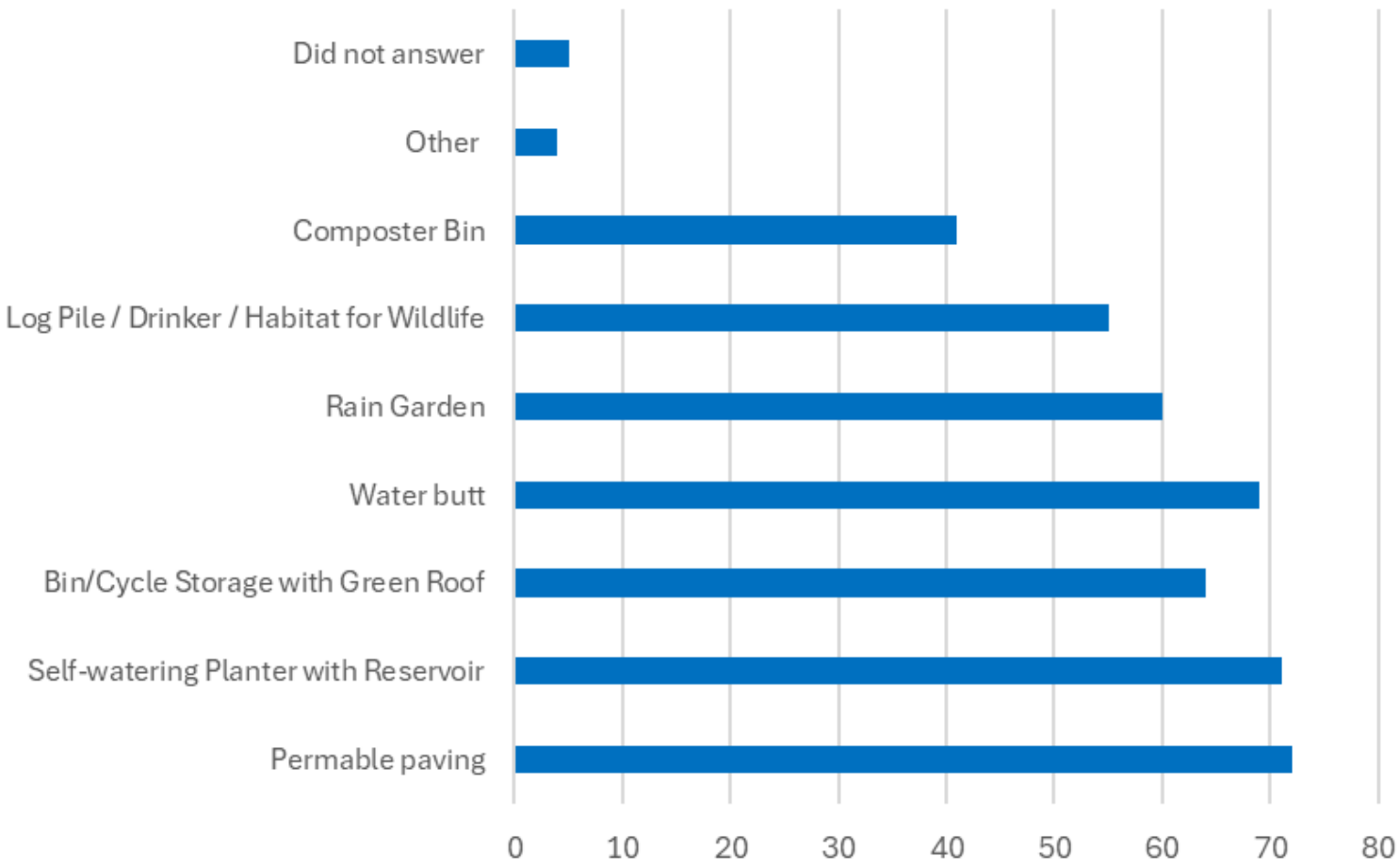


From 186 Respondents at both RHS Shows, 70% were unaware of the planning permission requirement for impermeable surfacing exceeding 5m2 in front gardens.

This data highlights that there is clearly an opportunity to raise awareness further within the wider public to act as a deterrent and to promote permeable paving for use in driveways.

Popularity of SuDS Components amongst the Public

Which component(s) would you incorporate at home?



Permeable paving scored highest, supporting the primary purpose and theme of the project.

All other SuDS and rainwater harvesting features scored highly.

This suggests that the garden had the desired effect in terms of informing and inspiring householders.

It also highlights the public's willingness to incorporate SuDS and rainwater harvesting at home.

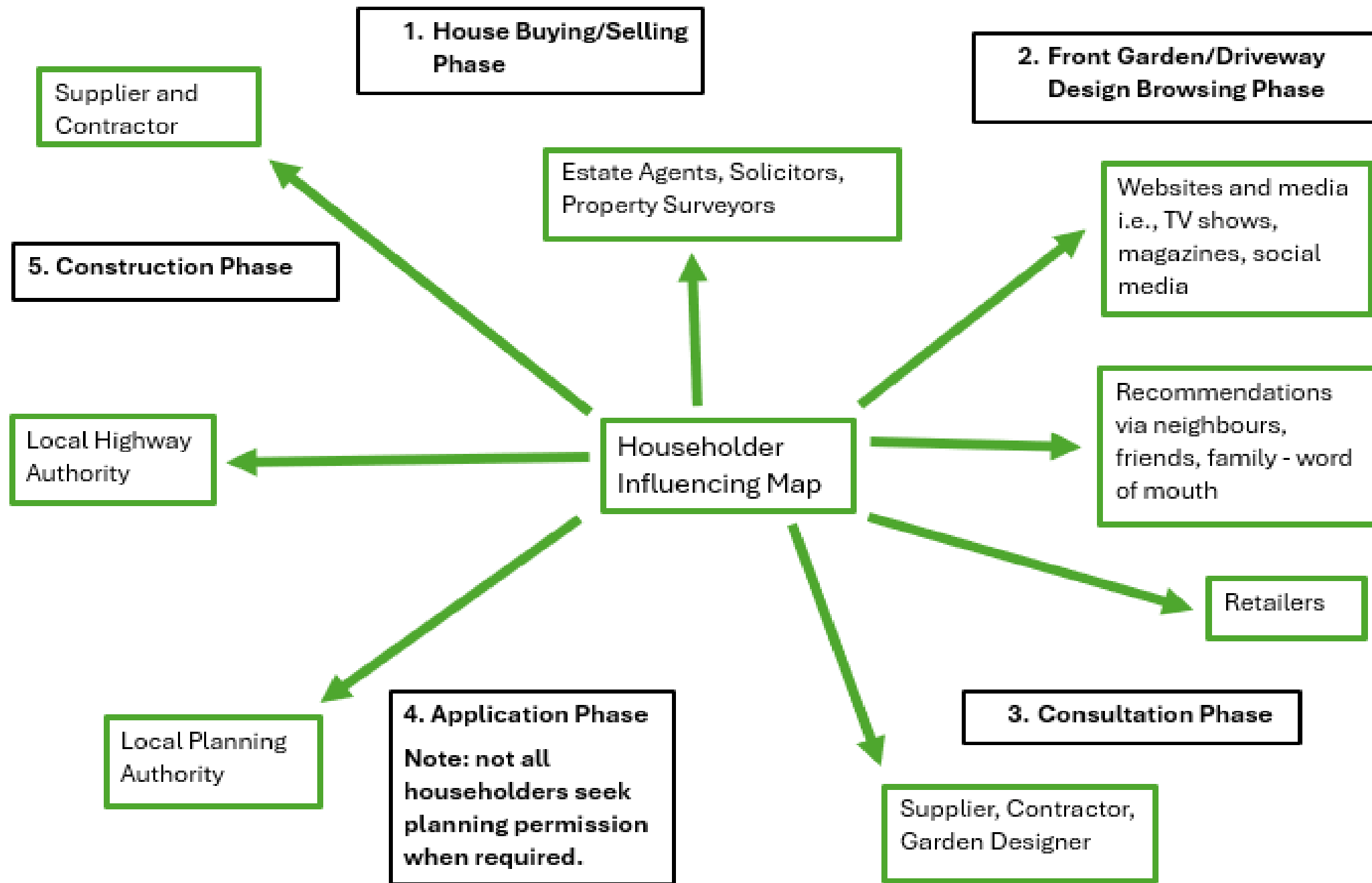
133 respondents – **RHS Tatton Show 2024**





Unpave the Way Project Plan Update



North West
Regional
Flood &
Coastal
Committee



Programme of Priorities 2025-28

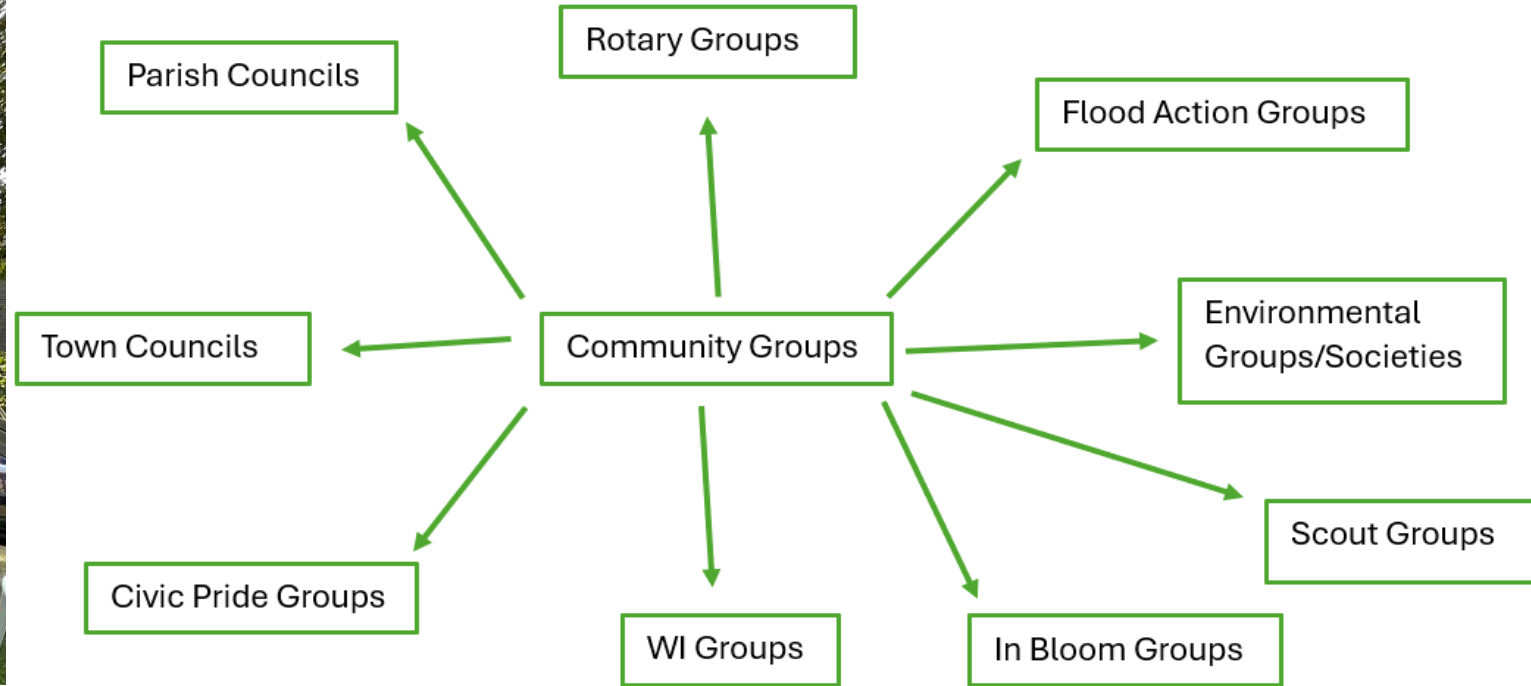
Target Audience	2025/26	2026/27	2027/28
Householders	★	★	★
Local Authorities	★	★	★
Contractors	E	★	★
Suppliers	E	★	★
Communities/Community Groups	★	★	★
Housing Associations	E	★	★
Housing Developers	E	★	★
Home Ownership Sector	E	★	★
Education Sector	E	★	★
National Policy Makers	E	★	★
Garden Designers	E	★	★
Key:			
E Exploratory phase  Focussed resource input  Moderate resource input			

Householder Sustainable Drainage Guide

- No.1 request from the public at the RHS Shows.
- Permeable paving options
- Small scale SuDS solutions
- Rainwater harvesting solutions
- Infiltration testing instructions
- Installation and maintenance requirements
- Cost comparisons between products
- Will be available for download from the Flood Hub
- Can be promoted by local authorities and contractors



Community Engagement



Prioritize engagement in communities at high risk of surface water flooding.

Workshops to distribute project messaging and material i.e., householder SuDS Guide.

Some of these groups e.g. Parish Council and Town Council can promote project objectives within their consultee responses to planning applications.

Inspire and support community initiatives to depave and create SuDS in community and householder spaces.

Contractor Engagement and Initiatives

Contractor Networking

Raise awareness within these industries, understand barriers, gain feedback, and explore new initiatives.

Contractor Checklist

Checklist designed for use by contractors to ensure flood risk and sustainable drainage is considered/incorporated in driveway construction.

Collaboration with Industry Associations e.g. Interpave

Embed project messaging to promote sustainable drainage and permeable paving amongst contractors.

Collaboration with Colleges and Contractor Course Providers

Understand current course content and promote designing for flood risk and sustainable drainage.



22 July 2024 08:40

Local Planning Authority (LPA) Initiatives

Informative Webpage Template for adoption by LPAs

Inspires greener permeable front gardens and signposts to the planning requirement for impermeable surfaces exceeding 5m².

Consistent messaging to householders across the North West.

Planning Informative

Easy low resource intense initiative to signpost to the 5m² planning requirement on planning applications.

Planning Condition

Requires applicants to submit evidence of a permeable and sustainably drained design to discharge the condition.

Local Policy Changes

Promote permeable driveways as standard in new minor and major development within Local Plans and Strategic Planning Documents.

Good example: [Your front garden design guidance \(leeds.gov.uk\)](https://www.leeds.gov.uk/your-front-garden-design-guidance)



Local Highway Authority Initiatives

Strengthen Dropped Kerb Application Process

- Include provision to request from applicant proof of planning permission for impermeable driveway exceeding 5m².
- Send out best practise design guidance for permeable driveways to applicants.

Local Authority Enforcement

- Engage with Local Authorities to fully understand the barriers to effective enforcement of the planning requirement for driveways.
- Explore opportunities to strengthen existing enforcement activities.



Education Sector/Project Research

Conduct research to support project initiatives

- Explore research opportunities with university lecturers and students.
- Collaborate with students and professional institutes e.g. CIWEM on carrying out research to measure the scale of the paving over front gardens issue.
- Use GIS, satellite imaging and hydraulic modelling to quantify surface water runoff and flooding impacts.
- Use research findings to support project initiatives e.g. lobbying for change in national policies.



Measures of Effectiveness

- Number of webpage templates adopted by Local Authorities.
- Number of enforcement actions taken against householders who have paved over without planning permission.
- Number of downloads of the Householder SuDS Guide from the project webpage.
- Number of downloads of the 'Contractor Checklist'.
- Number of Unpave the Way webpage visits.
- Number of LPA's which adopt new planning informative and conditions.
- Number of contractors and suppliers engaged with the project and promoting permeable paving to clients.

The 'Unpave the Way Garden' Design

Now available to visit at Whitaker Park, Rossendale, Lancashire



1. Rain Garden Planter
2. Self-Watering Hanging Basket
3. Slow-Release Water Butt
4. Green Roof Bin Store
5. Compost Store
6. Swale
7. Hedge Boundary
8. Reclaimed Paving Materials for Retrofit Ideas with Cut Off Drain
9. Overflow Rill from Rain Garden Planter
10. Rain Garden
11. Informal Boundary and Biodiverse Habitat
12. Self-Watering Rain Garden Planter (SuDS Pod)
13. Wildlife Drinker
14. Overflow Rill to Bioretention Rain Garden (HydroPlanter)
15. Permeable Paving
16. Small Trees
17. Green Roof Cycle Store with Built-in Water Butt
18. Wall Mounted Slim Water Butt

Any Questions?

Agenda Item 9

RFCC Sharepoint Site

Presented by Sally Whiting

Agenda Item 10

Winter Readiness

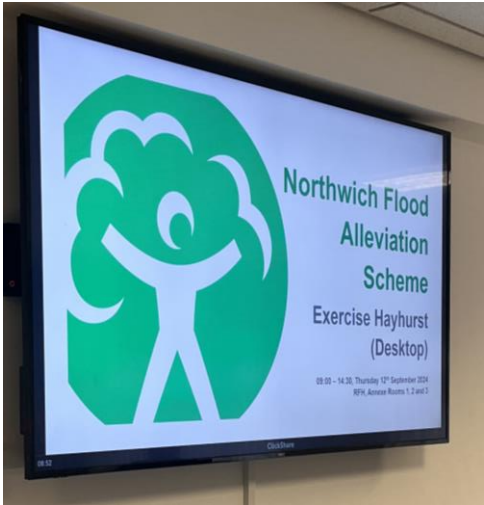
Presented by Anthony Swarbrick, Fiona Stewart
and John Greenway

EA FCRM Ops and Area Incident /Flood Resilience

FCRM Ops, GMMC Area, Winter Preparedness - Training & Exercising



**Catchment
Tours**



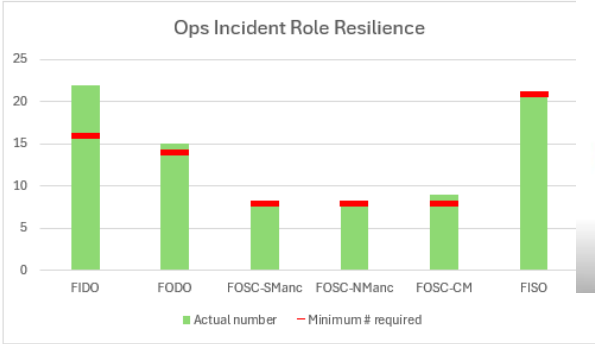

**Exercise Hayhurst
(Northwich Flood Alleviation Scheme)**



**Incident Command Unit
(ICU)**

FCRM Ops, GMMC Area, Winter Preparedness - Resources

EA incident duty roles

Winter Preparedness Community of Practice Call 2024
Area Duty Managers



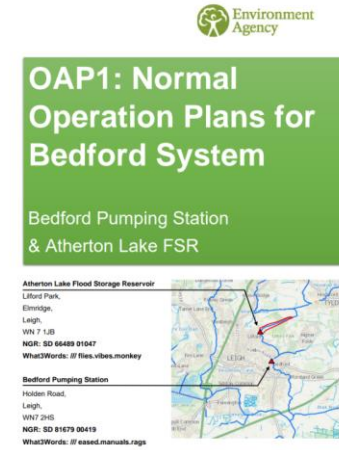
EA Framework Contractors



Multi Agency Partnership working

FCRM Ops, GMMC Area, Winter Preparedness - Asset Information

Operational Procedures



Inspections & Maintenance





**Contingency Plan Testing and Training –
Durranshill Pumping Station, Carlisle**



**Cockermouth Self
Closing Barrier
Testing and Training**



**Normal Operation
Testing and Training –
Tesco Sliding Flood
Gate, Carlise**



**Garstang Flood
Storage Basin
Control Gate
testing and training**

Area Incident Teams and Flood Resilience Teams

Area

- Area Incident Room Audit
- Reservoir Awareness Training and Exercises
- Flooding exercises
- Winter readiness training for Environmental Response teams
- Training on Severe Flood Warning decision-making
- Area Leadership Group winter preparedness & awareness sessions
- Emergency Plans updated
- Logging Refresher
- Communication

Nationally

- Winter Readiness Community of Practice Calls
- Winter readiness slidepacks for all duty roles
- Implementation of new Logistic Planning Tool
- Updated training package for Emergency Alerts

Internal Training and Exercising




Winter Readiness

- LRF Training Days
- Northwich defences deployment multi-agency exercise
- Toddbrook reservoir multi-agency exercise
- EA Incident Command Unit familiarisation training for partners

External Training and Exercising





Resources in
Cumbria & Lancashire
and
Greater Manchester,
Merseyside &
Cheshire

- **Fully rostered 24/7:17 duty roles**
- **Incident activated: 15 duty roles**
- **Roster Resilience verified on a weekly basis**
- **Role Reviews**
- **New Starter 'Inductions to Incident' Roles**



Reminder to be prepared this winter

- Phones charged / charging cable
- Check you can access people safe
- Check your PPE
- Check Weather before you travel
- Do you have extra's in your car boot?
 - Warm Clothes
 - Blanket
 - Food/drink
 - Sunglasses
 - Torch
 - De-Icer
 - Warning Triangle

Self-care is also very important over the winter months

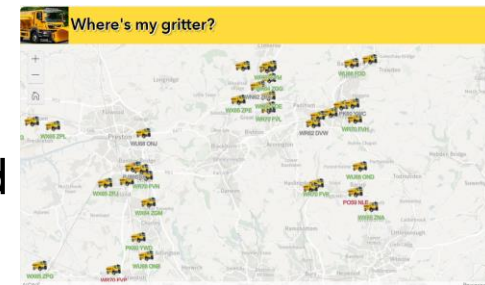
Remember to try and...

- get some sun/air
- go for a walk
- go some fitness
- spend time with loved ones
- keep up to date with vaccines e.g. flu
- do some of your own development – keep your brain active



Winter Readiness – A Local Highways Authority Perspective – Lancashire County Council

- The Winter Management Group plan for winter all year. Representatives from Fleet, Winter Service Leads, Operational Teams, Senior Management, Communications, Skills, Learning and Development, and Asset Management.
- Gritting period from 18th October 2024 to 25th April 2025. 45 primary gritting routes running from 7 Operational Highways Depots. 58 owned gritters, 45 for each route and 13 spares and 3 Unimog's (Mini gritters) with attachable snow ploughs. Includes 2 replacement Unimog's for the 2024/2025 winter season which are designed for narrower routes and smaller rural lanes.
- Preparation activity over summer and autumn has included replenishing stocks of salt and sand, maintenance of assets (vehicles, ploughs, weighbridges etc), training of new drivers and supervisors, staffing of routes, engagement with contractors and farmers, Winter Parade event (route trial runs), and briefing for decision makers and supervisors.
- Seasonal winter grit bin filling countywide to be completed by Mid-November.
- Trial of new "Where's my gritter" app for members and the public - being developed for use this winter season.



Any Questions?

Agenda Item 11

Any Other Business