



West Yorkshire Flood Innovation Programme (WY FLIP)



Contents

- Introduction to the WY FLIP Programme
- Benefits of the Programme
- Governance
- Ongoing work
- Roadmap
 - Opportunities and challenges
- Programme sustainability and timelines
- Conclusions
- Questions & discussion

Introduction – West Yorkshire Flood Innovation Programme

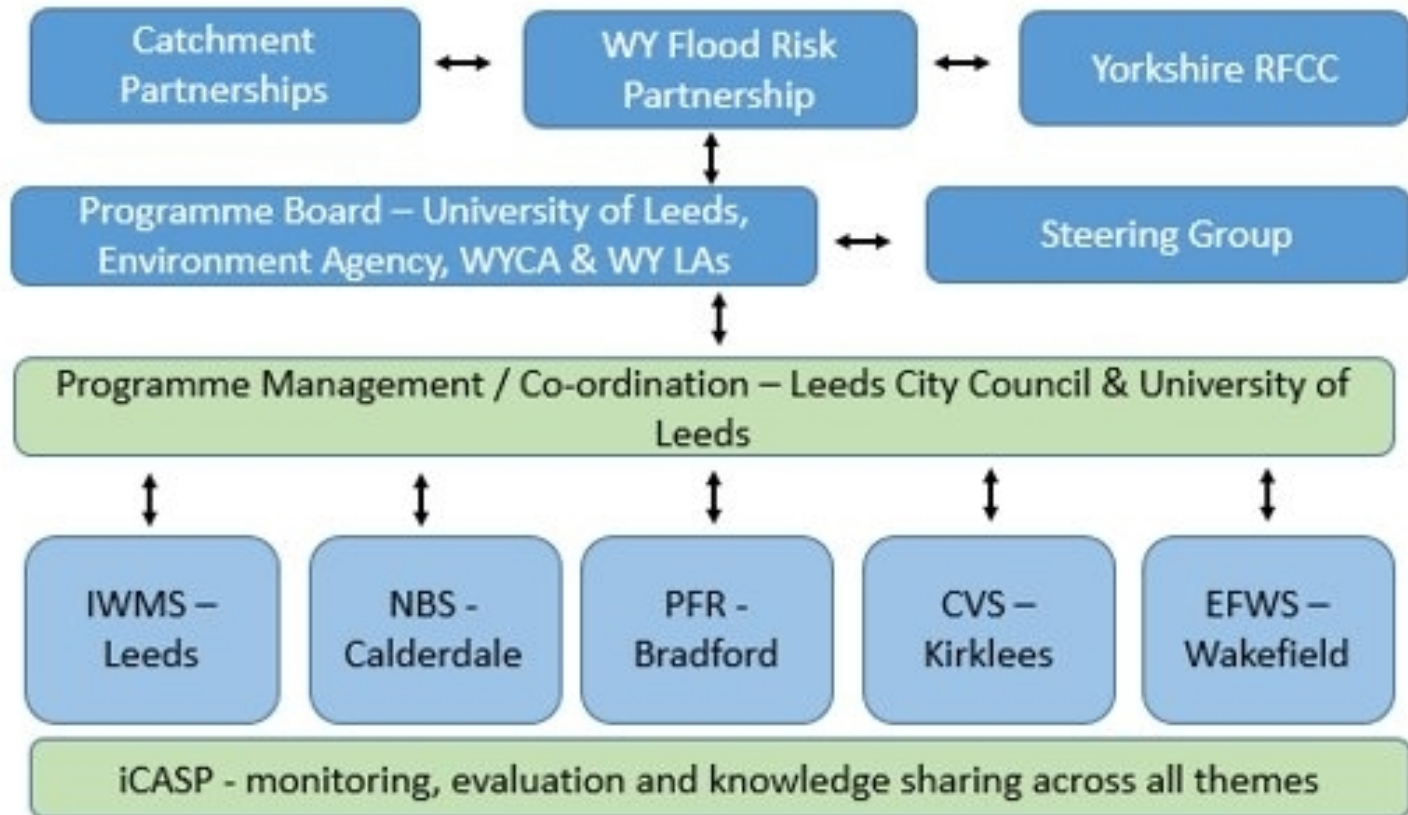
- **Collaborative programme**, local authorities working with academia, industry and third sector, to increase the resilience of the region to flooding and the impacts of climate change
- **Increase** the region's **resilience** to flooding and impacts of climate change
- **Realise joint benefits** to enhance West Yorkshire
- Focus on **innovative solutions**
- Embed the **latest research** in its activities
- **Accelerator** for regional strategies
- RFCC funding **until March 2024** to start WY FLIP and secure more funding
- Attract **significant investment** to the region for innovative resilience initiatives

Benefits of the Programme

- Enhance regional resilience work
 - Increased capacity
 - Coordination
 - Collaboration
 - Innovation
 - Facilitation
 - Bid writing
 - Shared evaluation & learning

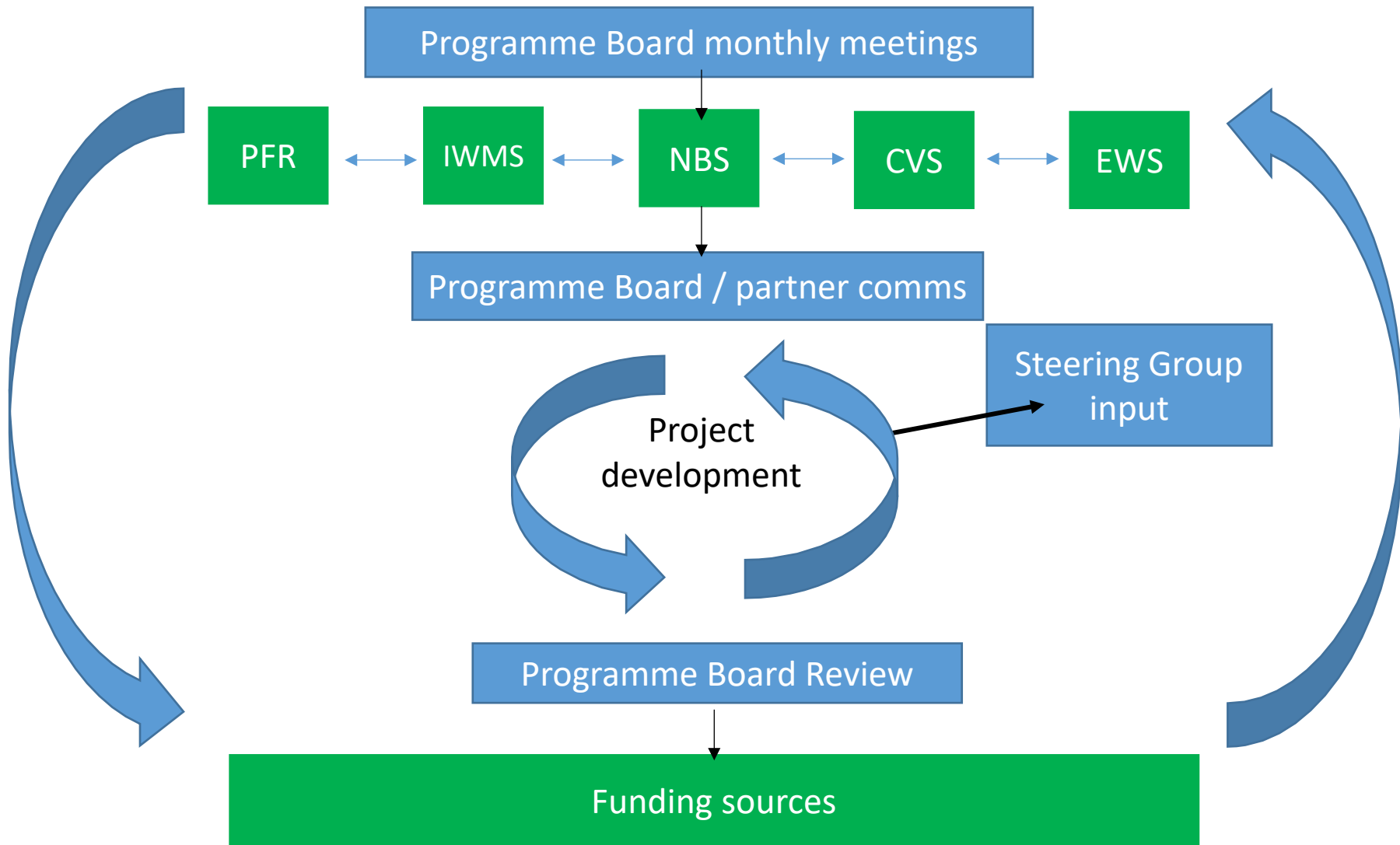


Governance - structure

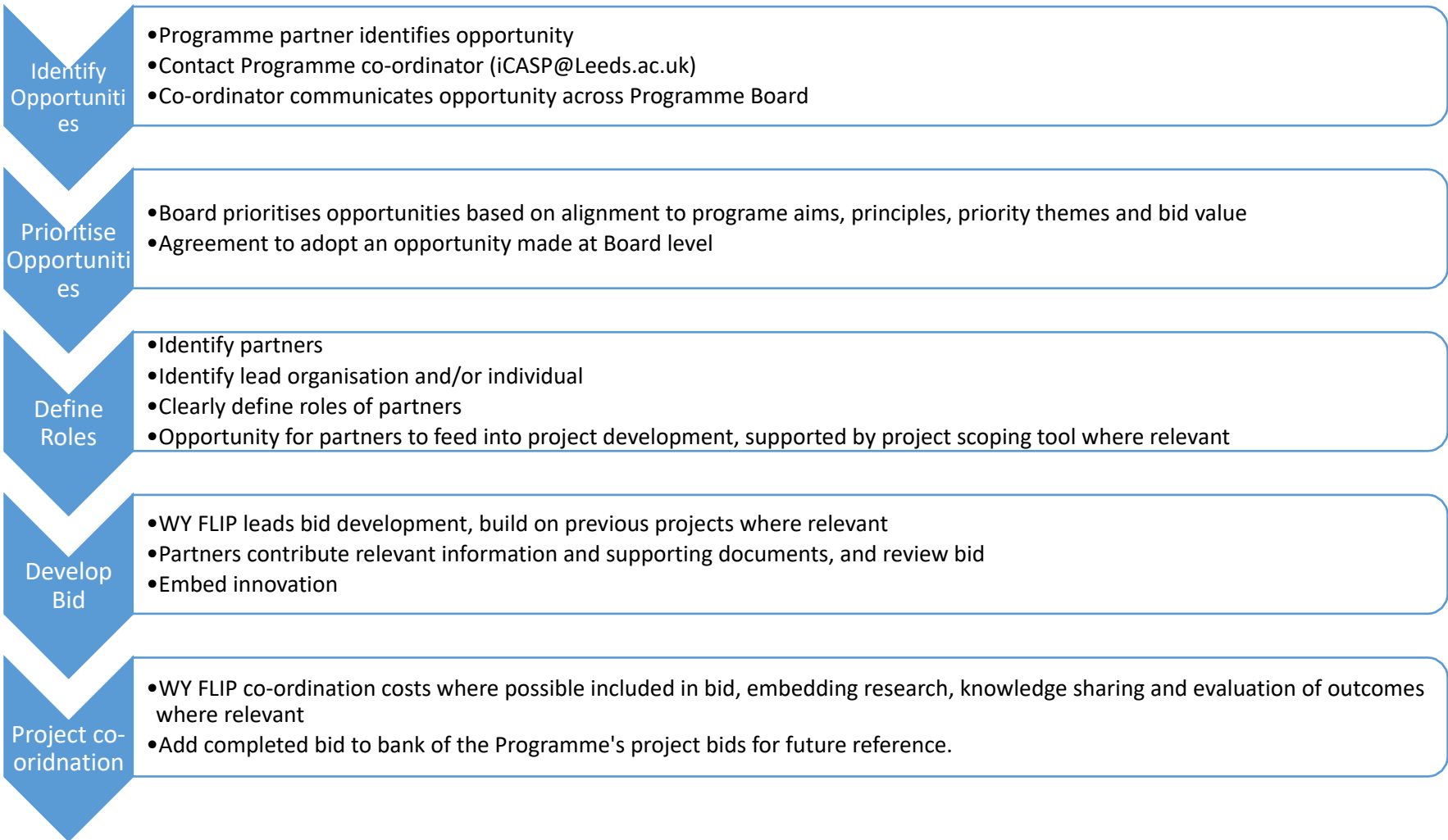


N.B. Also linked into other innovation programmes across Yorkshire (FIC, NY IRP)

Governance - ways of working



Governance - Partnership working

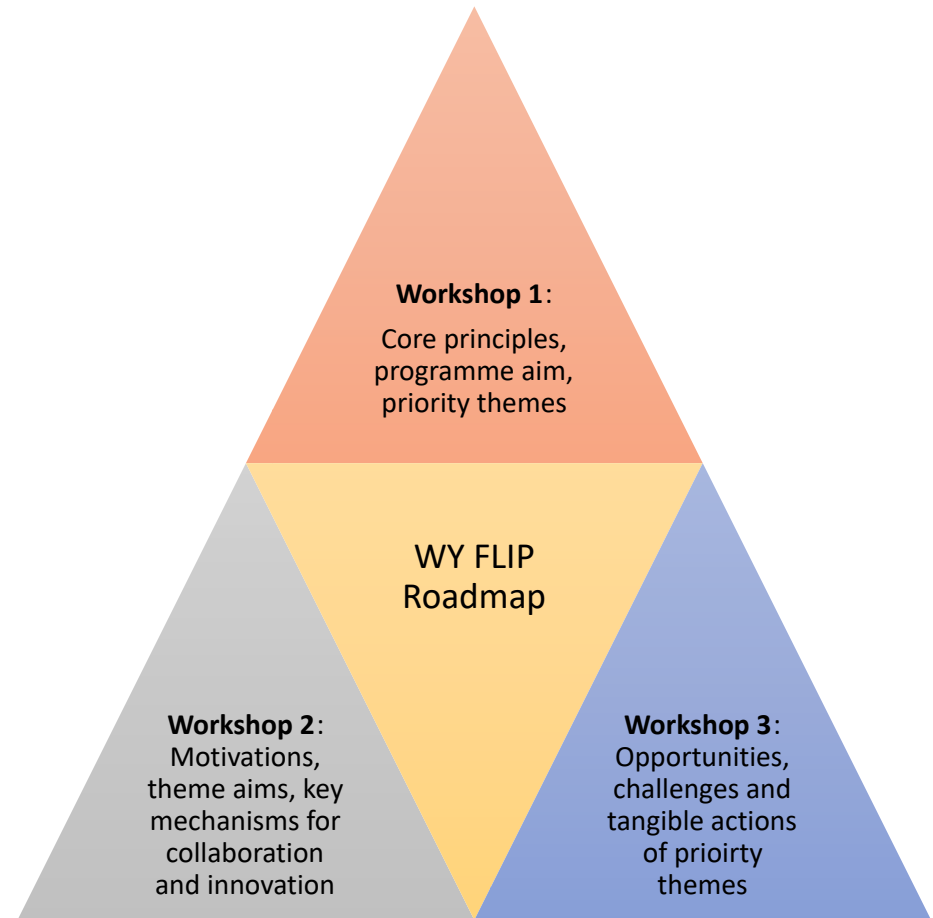


Ongoing work

- Commissioning animation / branding
- Bids and 'warm leads'
 - Department for Education – SuDs in schools
 - WYCA R&R workstream – 6 projects
 - YRFCC Programme
 - NFM levy
 - PFR Assured
- Establishing governance and ways of working
 - Developing project proposals via proformas
 - Making connections across organisations on key themes

Roadmap - Collaborative foundations

- Content collaboratively created through three workshops.
- Partners from wide range of sectors consulted including:
 - Planning
 - Public health
 - Finance
 - Community and voluntary sector
 - Flood risk management authorities
 - Academia
 - Private sector
- Represents the aims, opportunities, challenges and tangible actions identified by its partners at this initial stage of the programme.



Roadmap - Priority Themes

The Programme addresses flood innovation through five priority themes

1. Integrated water management solutions (IWMS),
2. Nature based solutions (NBS),
3. Property flood resilience (PFR),
4. Helping the community and voluntary sector (CVS) to be better prepared and recover more quickly
5. Enhanced flood warning systems (EFWS)

Roadmap - Overarching Principles

1. Empowering local communities
2. Developing education and skills across West Yorkshire communities at risk from flooding and climate change
3. Transferring knowledge by building on existing partnership and networks, peer to peer support, co-production and developing new innovation
4. Monitoring and evaluation of activities and outcomes

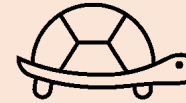
Roadmap - Delivering tangible work

Opportunistic projects



- Provide resource to write bids and secure funding
- Make connections between partners
- Use its academic network to incorporate latest research and expertise
- Provide a library of existing work and lessons learned
- Facilitate meetings and workshops to bring together partners from different sectors
- Share information about funding opportunities amongst partners

Strategic projects



- Strategically build on existing relationships between partners, communities and landowners using existing networks and building new relationship where there are gaps
- Take a strategic approach to connect different parts of the catchment, e.g. linking upstream farmers with downstream communities
- Take a bottom up approach to community flood resilience. Build relationships with communities, allow communities to identify their own priorities and develop a joint vision for flood resilience.
- Identify and address knowledge gaps through feasibility studies, pilot studies and new research
- Provide the tools needed to make strategic decisions at a regional level, such as opportunity mapping or systems models
- Further the use of digital technology to manage flood resilience, for example by linking with existing smart city and Internet of Things agendas.

Opportunities and challenges of IWMS, NBS & NFM

Build on existing partnerships

- ✓ The programme will use and enhance existing networks and partners to build on success in the region
- ✓ To enhance partnership working the Programme will take a leading role in co-ordinating activities in the region and making links between new and existing programmes.
- ✓ The programme will empower communities by building relationships and engaging at the earliest possible stage

Enable multiple benefits to be realised

- ✓ The programme will provide strategic oversight to allow multiple benefits to be realised.
- ✓ The programme will support decision making and find cross-sectoral funding opportunities by:
 - taking a systems approach
 - mapping opportunities across sectors
 - strengthening the business case for multiple benefits.

Opportunities and challenges of IWMS, NBS & NFM

Enable health and wellbeing benefits of NBS to be realised

- ✓ The programme will collaborate with the health sector to create opportunities and provide infrastructure to enable mental health and wellbeing benefits of NBS/NFM and SuDS to be realised.

Planning, governance, long term funding and management

- ✓ The programme will review and address gaps around:
 - Regulation for design and construction of NBS
 - Ownership and maintenance of NBS
 - Planning and Consenting requirements of NBS
 - ELMS

Opportunities and challenges of PFR, CVS & EFWS

Effective communication and information sharing

Enable access to affordable PFR resources

- ✓ The programme will enable affordable practice by providing necessary information and communication channels to access resources
- ✓ Promote coordination and collaboration between community members and relevant organisations to pool resources toward increase property resilience and coordinate their work

Reform the role of the insurance industry

- ✓ The programme will promote effective collaboration with insurance industry by fostering dialogue between governmental organisations and the industry to ensure affordable access to premiums and ensure that small businesses are accommodated in such arrangements.
- ✓ Promote research and innovation toward better valuation of resilience measures towards insurance practice

Programme sustainability and timelines

Attract partners and funding across the region

- communicate and promote key messages about the Programme to a wide audience of partners and potential collaborators
- Initially through roadmap outputs

Funding models

- Academic funding (knowledge translation, impact, policy, partnership)
- Regional local levy funding
- National government funding
- Cross sectoral funding

Timelines

- RFCC funding until March 2024
- Attract funding for at least 6 years
- Continue for as long as the programme attracts funding and delivers meaningful outcomes

Conclusion

- Collaborative, innovative solutions for flood resilience
- Attract and initial £10m of funding to the region for innovative resilience activities
- Partners have ownership of the programme
- Foundations to deliver tangible actions across the five priority themes
- Enhancing not replicating – fairy dust!

If you have any questions about the programme or would like to get involved please email iCASP via iCASP@Leeds.ac.uk

Thank you for listening!