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# West Yorkshire Flood Innovation Programme (WY FLIP)





Familiar scene from Calderdale

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# Familiar scene from Calderdale

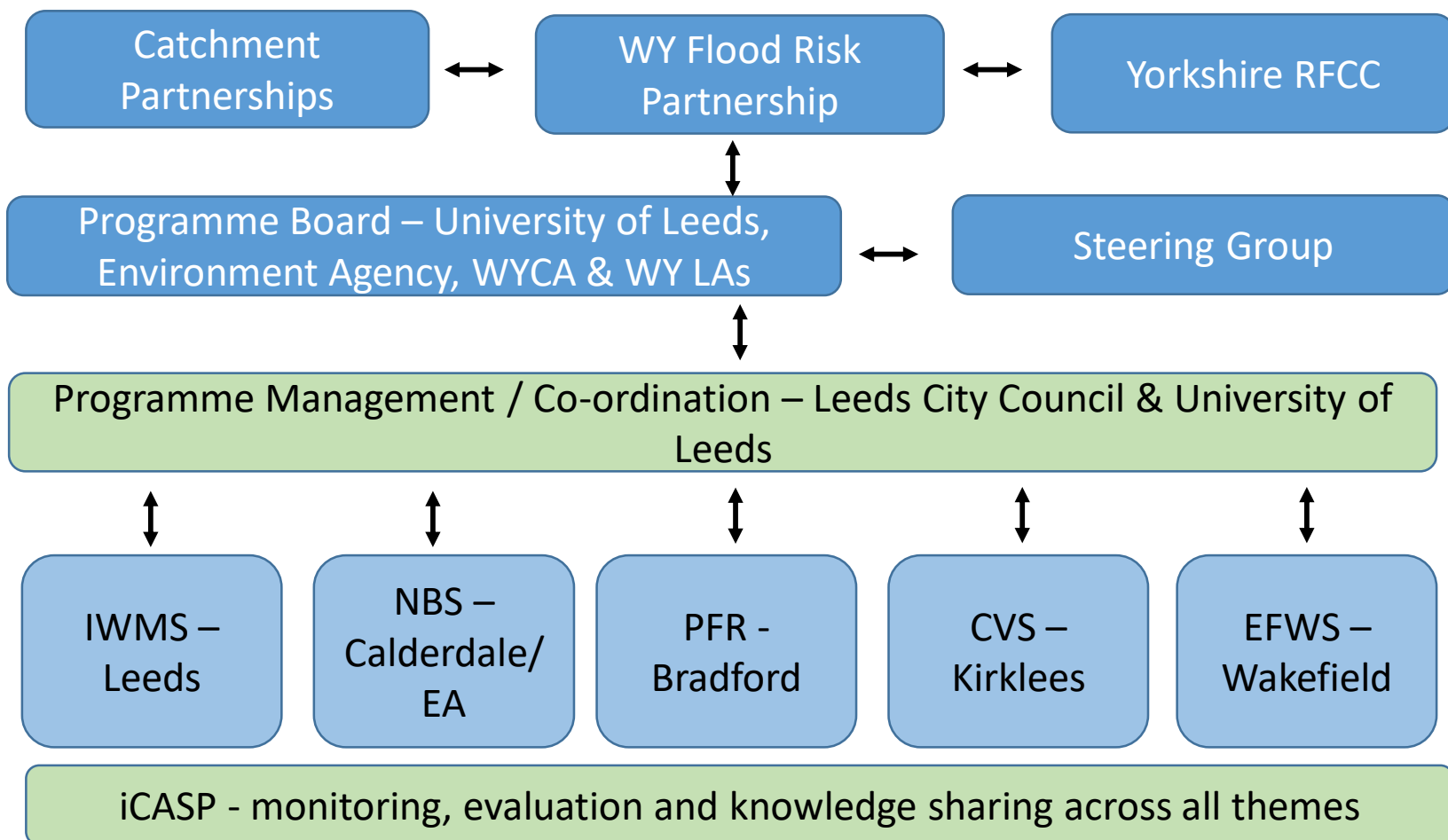
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# Overview

- **Collaborative programme;** local authorities working with academia, industry and third sector
- Focus on **innovative solutions** using the latest research to embed **climate resilience**
- Using the initial RFCC funding to attract **£10m investment** to the region for innovative resilience initiatives
- **Five key themes** of integrated water management solutions, nature-based solutions, property flood resilience, community and voluntary sector, and enhanced flood warning systems.

# Governance



# Who's involved?

Programme Board

University of  
Leeds

Leeds City  
Council

Bradford  
Metropolitan  
District  
Council

Wakefield  
Council

Kirklees  
Council

Calderdale  
Council

Environment  
Agency

WYCA

YRFCC

# Who's involved?

## Steering Group

University of  
Leeds

Leeds City  
Council

Bradford  
Metropolitan  
District Council

Wakefield  
Council

Kirklees Coun  
cil

Calderdale  
Council

Environment  
Agency

WYCA

YRFCC

AKB  
Environment  
al

Calder and  
Colne Rivers  
Trust

Yorkshire  
Water

JBA

University of  
York

Slow the  
Flow

M3 Flood Tec

Aire Rivers  
Trust

... and more?



# Current projects (1)

- Projects bring together partners across all sectors, seeking funding from multiple sources
- **PFR Assured:** A WY-wide GIS database of PFR installations, collating existing knowledge to enable effective maintenance and increase community engagement
- WYCA R&R projects:
- **Green financing:** Bringing partners together in workshops to create links between FRM projects and sources of green finance
- **Early flood warning systems:** Drawing on existing systems and community feedback to design local EFWS that link with real-time data

# Current projects (2)

- **Land use:** Monitoring trials to produce evidence about the effect of land-use and agriculture on flooding, which can inform discussions & planning
- **Systems-based climate readiness:** Collating mapping of Wortely & Wyke Beck to identify new areas of flood risk and integrate with existing data around planning & finance
- **Green social prescribing:** Linking the existing NHS referral pathways to community projects, with community-based NFM/SuDS
- **Enabling joint benefits:** Mapping multiple data sources such as environmental, economic and health together, using existing data to produce enhanced benefits across multiple sectors

# Ideas in development

- **Communicating flood risk:** Continuing and further developing the FLEEX flood engagement exercise
- **LoRaWAN networks:** Linking data from sensors to existing and forthcoming Smart City infrastructure
- **SUDs standards and governance:** Setting up a SUDs Approval Body in England, based on existing knowledge
- ... and more?

If you have any questions about the programme, potential ideas, or would like to get involved, please email iCASP via [iCASP@Leeds.ac.uk](mailto:iCASP@Leeds.ac.uk)

Thank you for listening!