



# WYFLIP Property Flood Resilience (PFR) Project

# WYFLIP PFR



- PFR has become an integral part of the Flood Risk Management toolkit
- We know what PFR is – where is the innovation and why now?
  - Proactive not reactive
  - How can we engage with our local communities better?
  - How do we develop social innovation and resilience?
  - How to achieve social and industry acceptability of PFR?
  - Do the insurance industry accept PFR as a robust mitigation measure?

# WYFLIP PFR



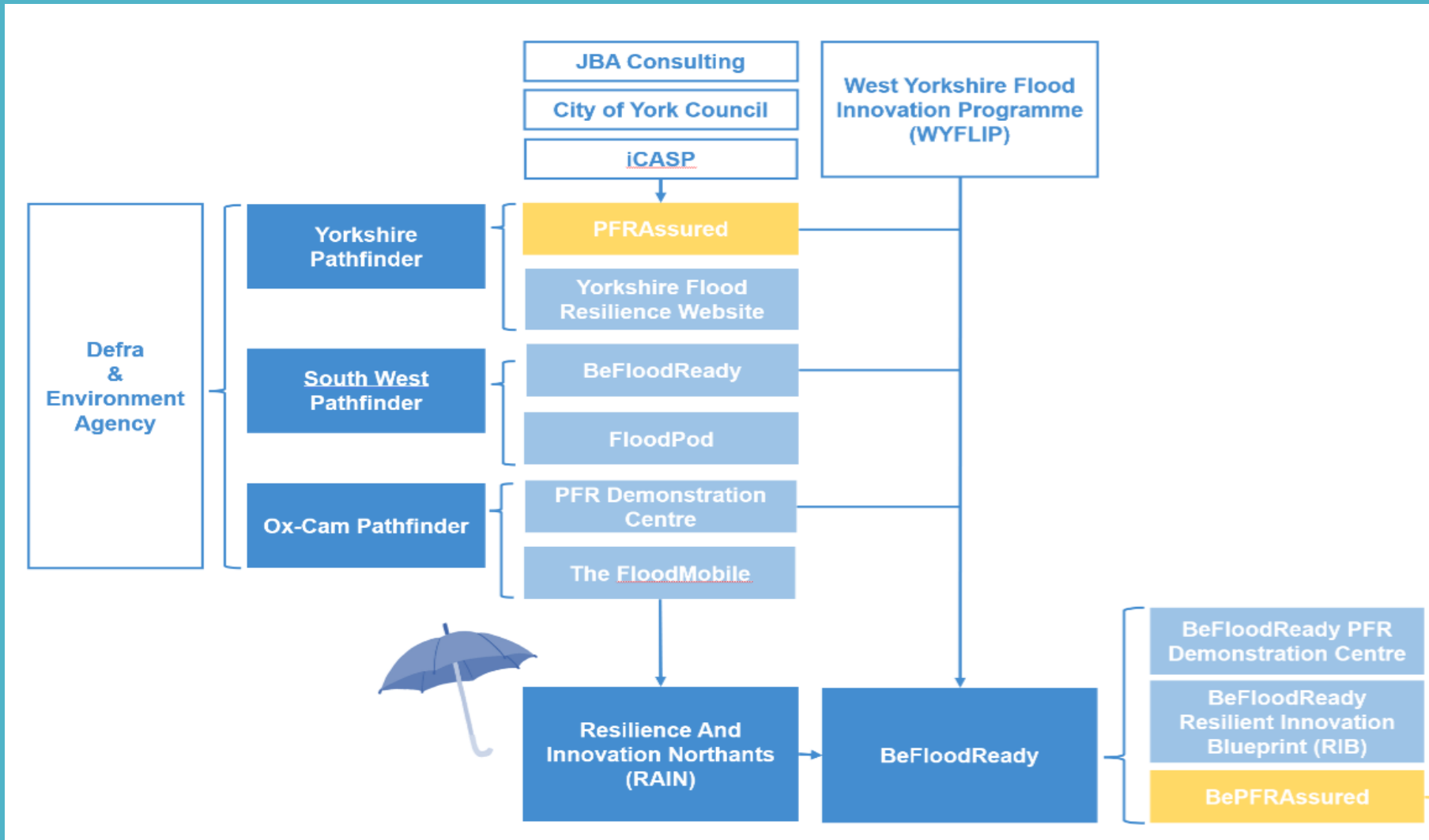
## PFR Assured Tool

*PFR Assured is an online Property Flood Resilience Assurance Mapping Tool which:*

- 1) Provides a secure online map database of all PFR installations in Yorkshire*
- 2) Helps monitor the effectiveness of PFR in a consistent way*
- 3) Helps identify communities and properties that would benefit from PFR*

- Better strategic overview for Risk Management Authorities
- Monitor effectiveness and implementation of PFR measures
- Provide opportunity for accreditation schemes that can be linked to insurance sector
- Provide confidence to property owners that measures are reliable and accountable
- West Yorkshire innovation will lead to national innovation-BeFloodReady campaign

# WYFLIP PFR





# West Yorkshire Flood Innovation Programme Digital Smart Flood Warning Systems



[www.icasp.org.uk](http://www.icasp.org.uk)

 YorkshireiCASP

# Digital Smart Flood Warning Systems

## Background to the bid

- November 2022, bid submitted to the Local Digital Fund round 6 for a digital smart flood warning system.
- Bid of £97k for the discovery phase
- All bids had to be collaborative
- Wakefield, Kirklees and Leeds are partners in the project as part of the West Yorkshire Flood Innovation Programme
- The Local Digital Fund aims to help Council's transform their digital services
- If successful hope is to advance to the Alpha and Beta stages.

# Digital Smart Flood Warning Systems

## Grant bid successful

- In February 2023 we were informed that our bid had been successful
- We were one of 17 projects that had been funded out of 50 applications
- The grant was for the discovery phase
- Discovery phase – explores the problem
- Alpha phase – test the options identified at discovery phase
- Beta phase – building and refining the options
- The Local digital Fund team have shown great interest in the project.

# Digital Smart Flood Warning Systems

## The Project so far and next steps

- Workshop held by project team to create a Roadmap for the project.
- Interviews with project team to gather information and needs of each authority.
- Service user workshop.
- Resident workshop.
- Meetings with external suppliers.
- Meetings with local authorities that have considered or are using LoRaWAN systems.
- Development of business case to support the project.
- Project completion in December 2023.
- Look to submit further bid for additional funding for Alpha phase March/April 2024.



# Digital Smart Flood Warning Systems

## Further information

For further details about the project see links below:

[Round 6 Archives | Local Digital](#)

[Digital Surface Water Flood Warning System – LoRaWAN – Yorkshire Integrated Catchment Solutions Programme \(iCASP\)](#)