



# **ASTON INGHAM FLOOD GROUP**

**PROGRESS UPDATE & EVALUATION**

**15<sup>TH</sup> JUNE, 2024**

**Maggie Pettit - Chair**

# BASIC ITINERARY

DECEMBER 2020

COMMUNITY ACTION  
SPARKED BY SERIOUS  
FLOODING



APRIL 2023

CHESTER UNIVERSITY  
WORKSHOP &  
PROJECT BEGINNINGS



JUNE 2024

PROGRESS UPDATE :  
A PAUSE FOR  
REFLECTION &  
EVALUATION

# DECEMBER 2020 TO APRIL 2023- 28 MONTHS

- COVID
- Community Flood Action Group's 1<sup>st</sup> meeting December 2021
- Intense research period & learning- local to regional to national
- Meetings Visits to Aston Ingham by Herefordshire personnel - advice was free but invaluable
- December 2022 we almost gave up
- We could see where we needed to go but lacked the funding to get there

# SO WHAT BROUGHT ABOUT A CHANGE IN FORTUNE?

On reflection :

- **GOOD LUCK** - Flood EXPO NEC- met Namrata from Chester University
- **FAVOURS** - Chris Uttley & Brian Smith's Visit to Aston Ingham
- **NETWORKING** - Improved links with Environment Agency & Natural England plus a host of other people working in similar situations.

# AIM : TO ALLEVIATE FLOODING IN ASTON INGHAM

## OBJECTIVES

- A. By installing sensors to measure the impact of rainfall into three main tributaries (ANDEL with Chester University resources)
- B. To create our own localized Flood Alerts based on local data collection
- C. To 'slow the flow' in three major drainage tributaries via Natural Flood Management / Nature Based Solutions
- D. (To tackle and eliminate field run off on to the B4222 )



## SENSOR INSTALLATIONS Dec '23



# A. SENSOR INSTALLATIONS @ 31<sup>ST</sup> MAY, 24

- Rain Gauge – Aston Court farmland ,working well
- Sensors at Woodfield ( Crews Hill ) and The School House working well but with silt problems which will need regular maintenance.
- Sensor at Dane ( Barrel lane ) needs attention to overcome the poor signal in that area.
- The Gateway which collects all of the data is successfully placed on private land in Aston Crews - working well

# FUNDING FOR SENSORS FLOOD ALERTS AND WORKSHOPS

- UNIVERSITY of CHESTER led by Dr Namrata Bhattacharya-Mis, with associates ANDEL, and ASTON INGHAM PARISH COUNCIL  
£2, 500 and £5000 + £2, 500



## **B) TO CREATE OUR OWN LOCALISED FLOOD ALERTS**

- Work ongoing on thresholds for setting alerts – dependent on all sensors working.

## C. TO 'SLOW THE FLOW' IN 3 MAIN TRIBUTARIES

- Natural Flood Management strategies in the Woodfield Farmland Area completed – funded by Gloucestershire County Council
- A second area at New House Farm is in the process of scoping

# HAZEL FAGGOTS



November '23



June 2024

# LEAKY DAMS- ACROSS THE STREAM



# LEAKY DAMS - INSTREAM



# FUNDING FOR NFM PROJECT WOODFIELD FARM AREA

GLOUCESTERSHIRE COUNTY COUNCIL

£ 2,600 to date

Led by

Pete Belk Natural Flood Manager, Gloucestershire

## ( D. FIELD RUN OFF ON TO B4222 )

The flood Group is supporting the Parish Council in its continued endeavour to work with Balfour Beatty at Herefordshire County Council. The next meeting with the Locality Steward is on 26<sup>th</sup> June. Current and previous Parish Councils have attempted solutions for at least 20 years!



**FIELD RUN OFF on to main road through village- B4222**



The background is a dark teal gradient. In the corners, there are decorative white line-art elements resembling circuit traces or neural network connections, with small circles at the end of the lines.

**TODAY,**

with your help, we set our sights on tomorrow.