

# Kendal Community Flood Risk Management

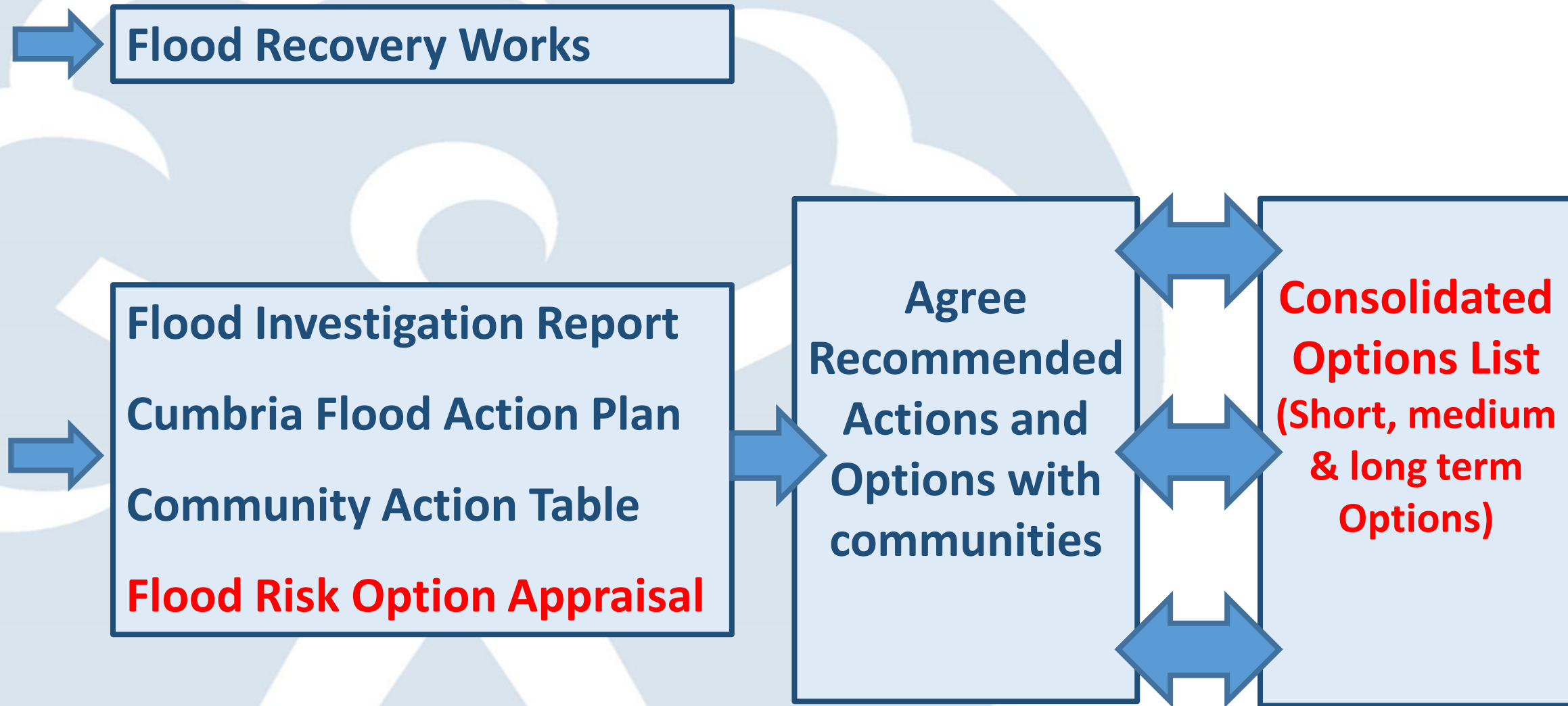
Andy Brown – Cumbria & Lancashire Flood Risk Manager

19th December 2016

# Tonight – key messages

1. What has happened since Storm Desmond?
2. What are the next steps for the information gathered and recommendations made?
3. How can communication and working together continue to improve?
4. Where does funding come from, and why do we need partnerships?

# STORM DESMOND



6 – 12 months

## Investigate

- Community engagement
- Understand flood risk (FIR's)
- Identify opportunities for investment
- Assess benefits & costs of project using Partnership Funding Calculator

6 – 18 months

## Secure funding

- Community engagement
- Risks & opportunities
- Collate all historic flood data
- Options appraisal (long list)
- Flood risk modelling and mapping
- Outline business case
- FCRM Investment programme(s) 2020/21 (FDGiA & Local Levy)
- Short term wins and ongoing maintenance
  - Community resilience
  - Maintenance
  - Strengthening defences
  - Upstream management

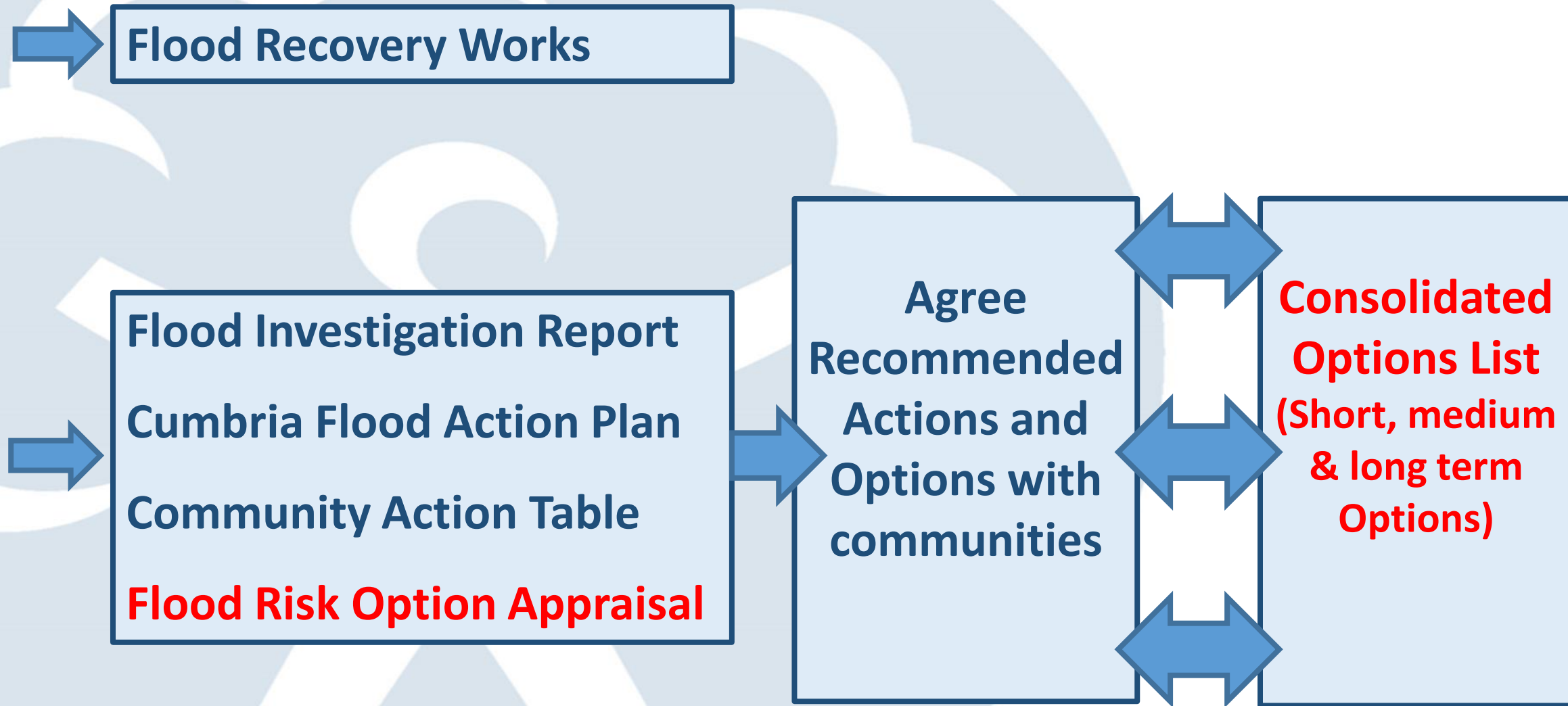
12 – 24 months

## Detailed development

- Community engagement
- Risks & opportunities
- Detailed modelling
- Detailed options / design appraisal (short list)
- Ground investigation
- Planning and landowner permissions
- Detailed business case and approval
  - Community resilience
  - Maintenance
  - Strengthening defences
  - Upstream management

Technically feasible – Economically viable – Environmentally sustainable

# STORM DESMOND

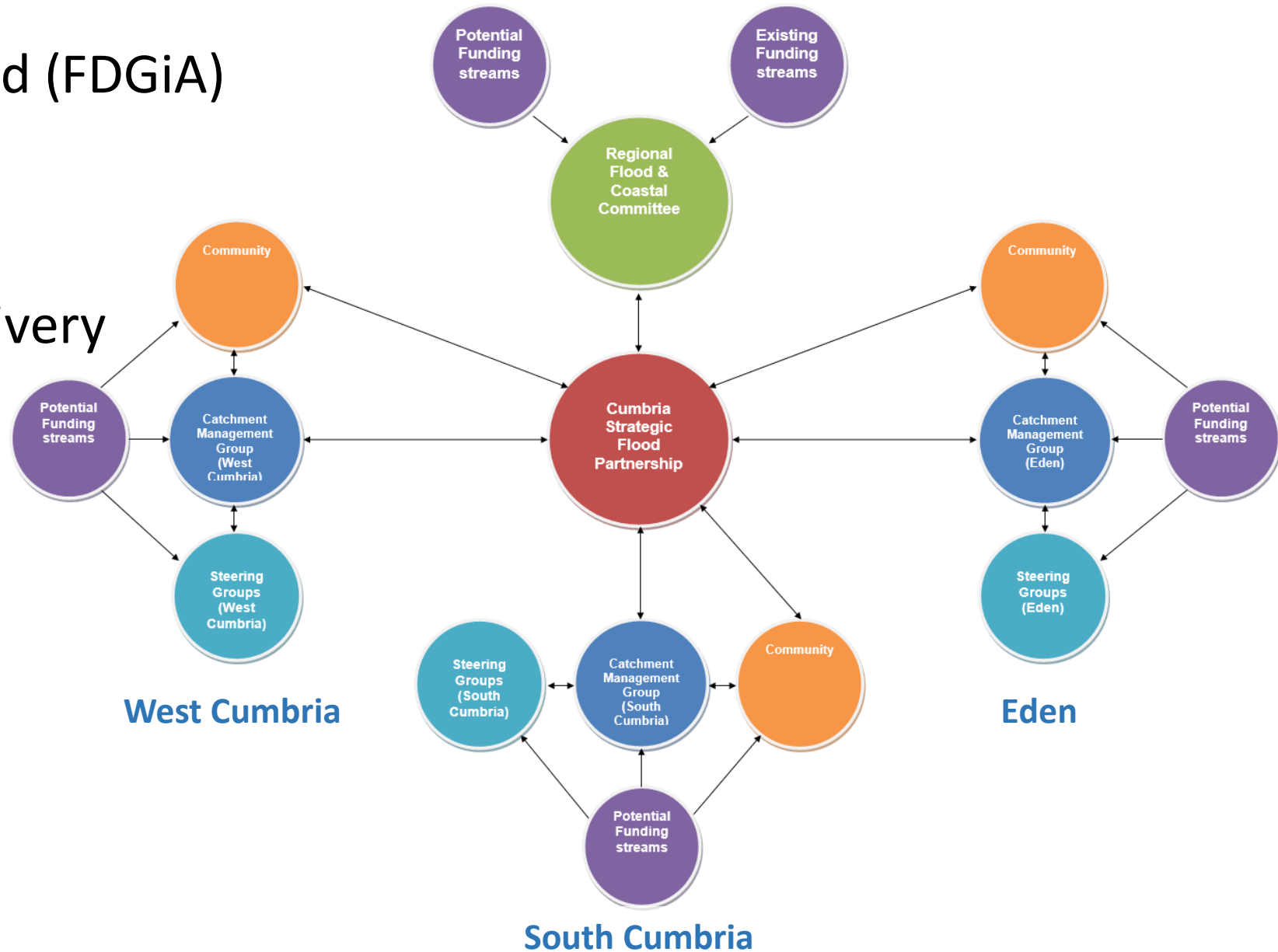


# Funding / Delivery

- Flood Defence Grant in Aid (FDGiA)
- Local Levy
- Partnership Funding
- Third party funding & delivery

## Partnerships

- Who is involved?
- How is it structured?
- Why is it necessary?
- How can you contribute?



# Tonight – key messages



1. What has happened since Storm Desmond?
2. What are the next steps for the information gathered and recommendations made?
3. How can communication and working together continue to improve?
4. Where does funding come from, and why do we need partnerships?





Thank you