

Greater Manchester Flood Risk Investment Programme and Future Funding

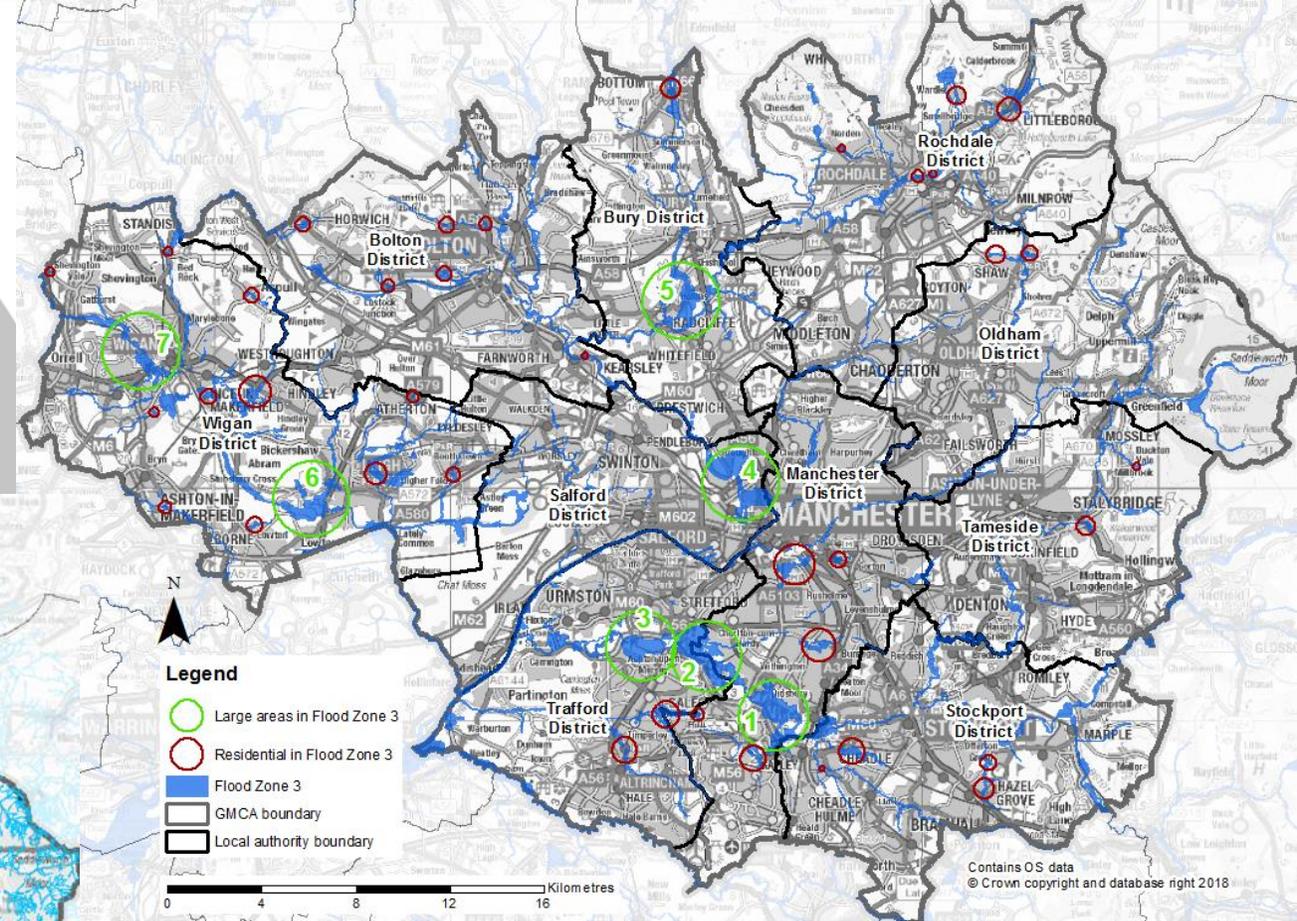
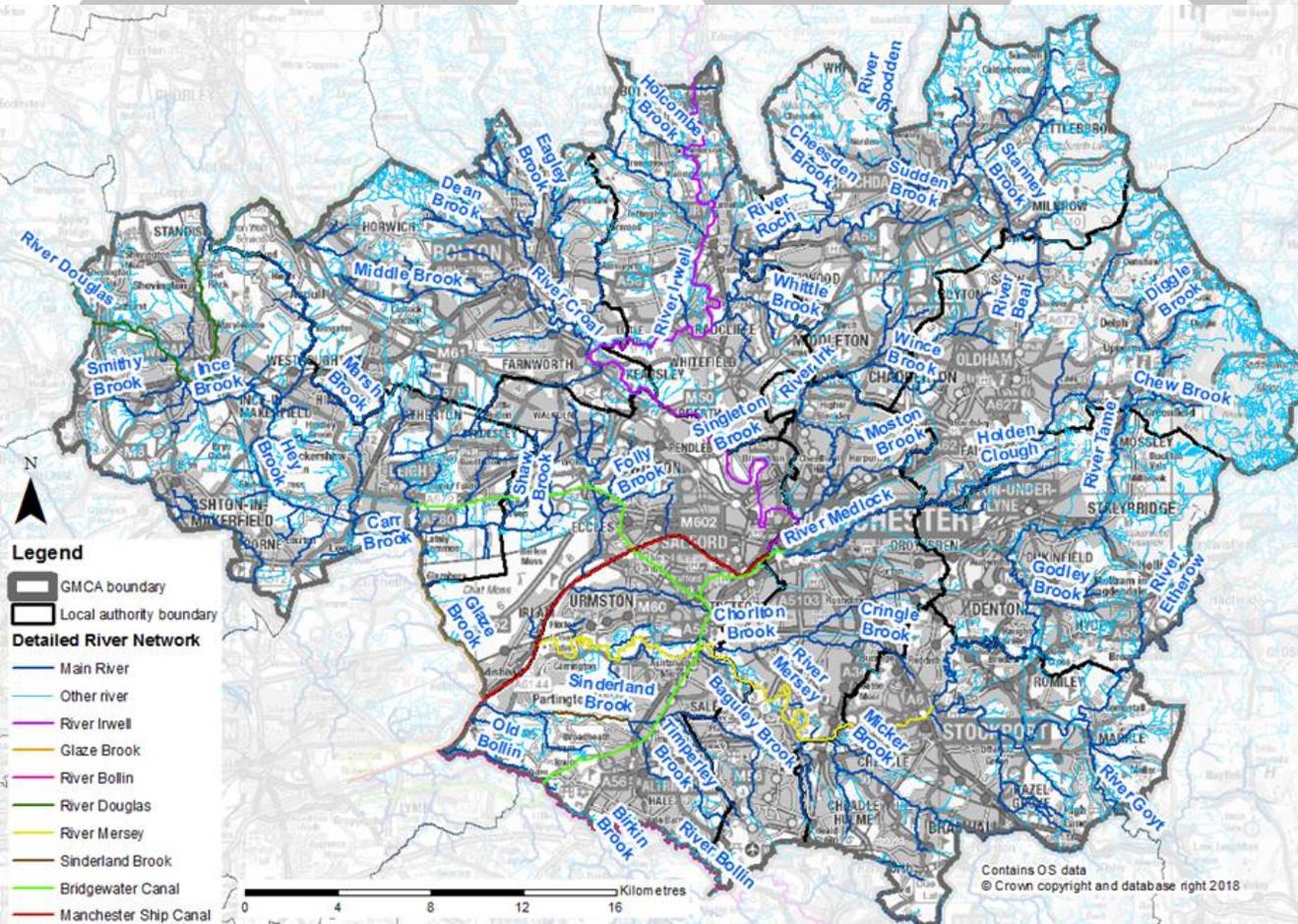
Presentation to Greater Manchester Planning and Housing Commission, 19th March 2020

- **Helen Telfer – Planning and Growth Lead, Sustainable Places Team**
- **Nick Pearson – Senior Advisor, Partnerships and Strategic Overview Team**

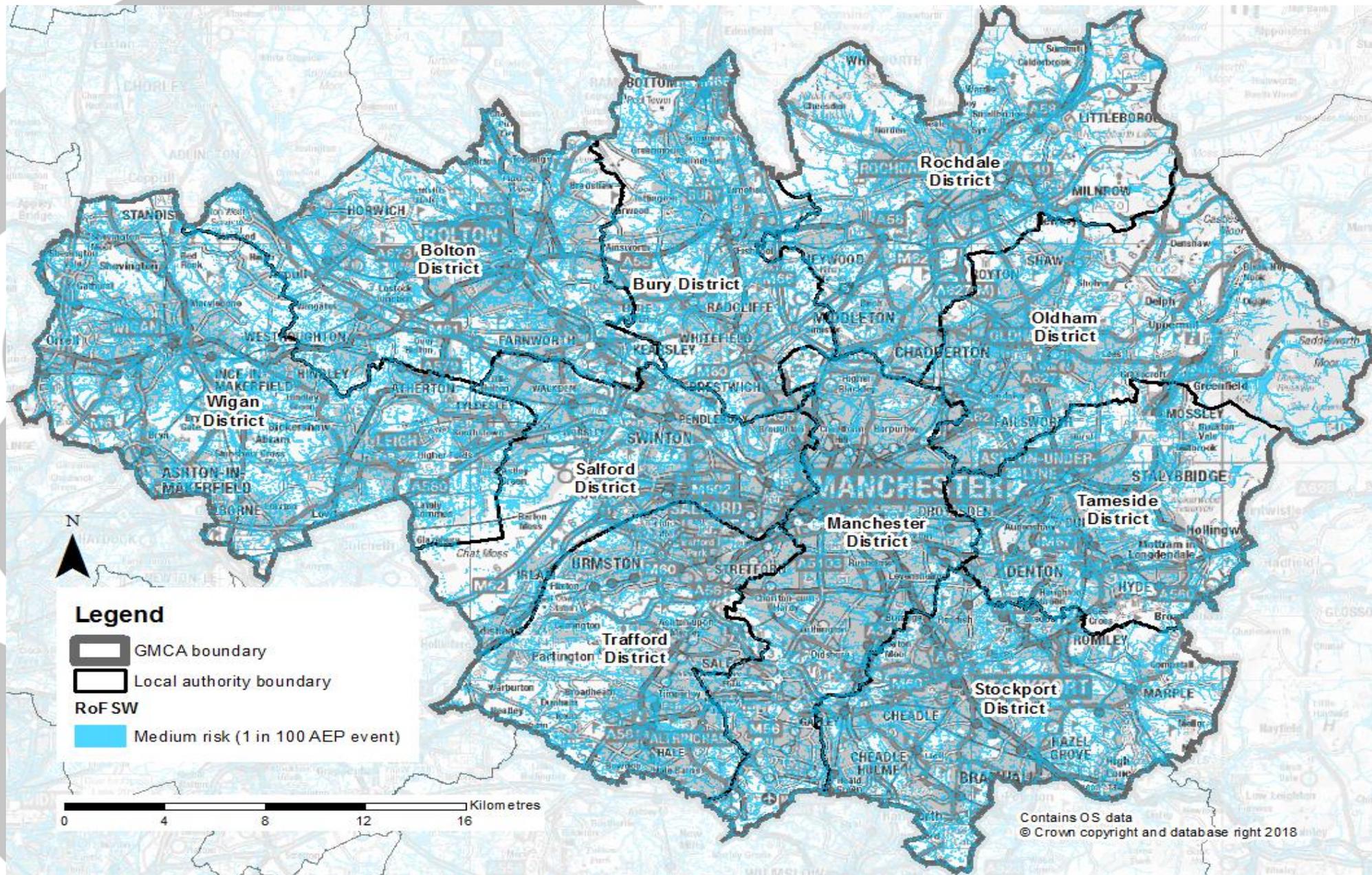
An overview of:

- Flood risk across Greater Manchester – why invest?
- Recent flood events
- Environment Agency Investment Programme
- Local Levy
- Government Commitment / National Infrastructure Commission
- Working with partners on strategic infrastructure issues/opportunities for co-delivery

Current Flood Risk



Fluvial risk:
19,000 properties within Flood Zone 3
63,000 properties within Flood Zone 2



Surface water risk:

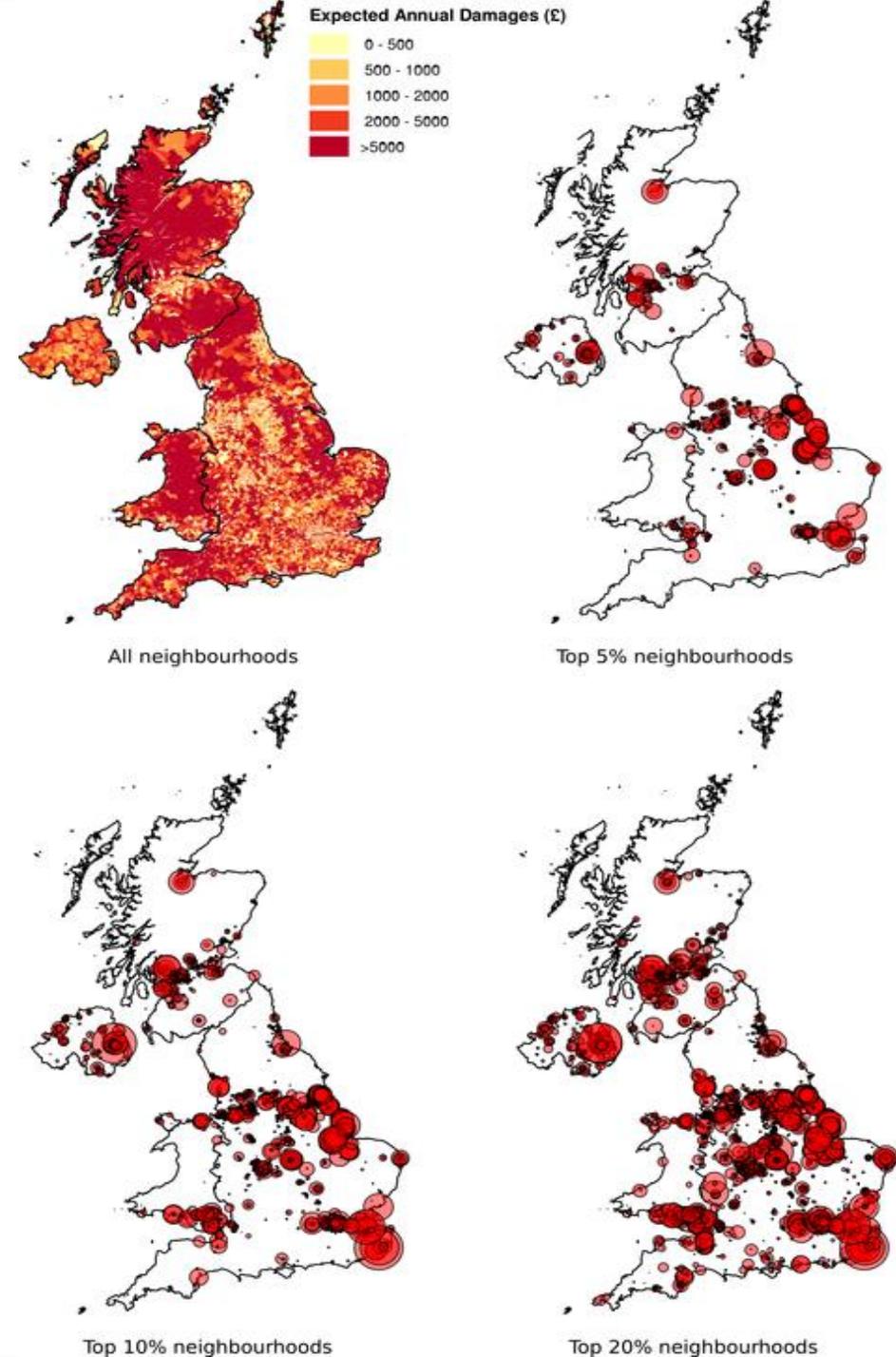
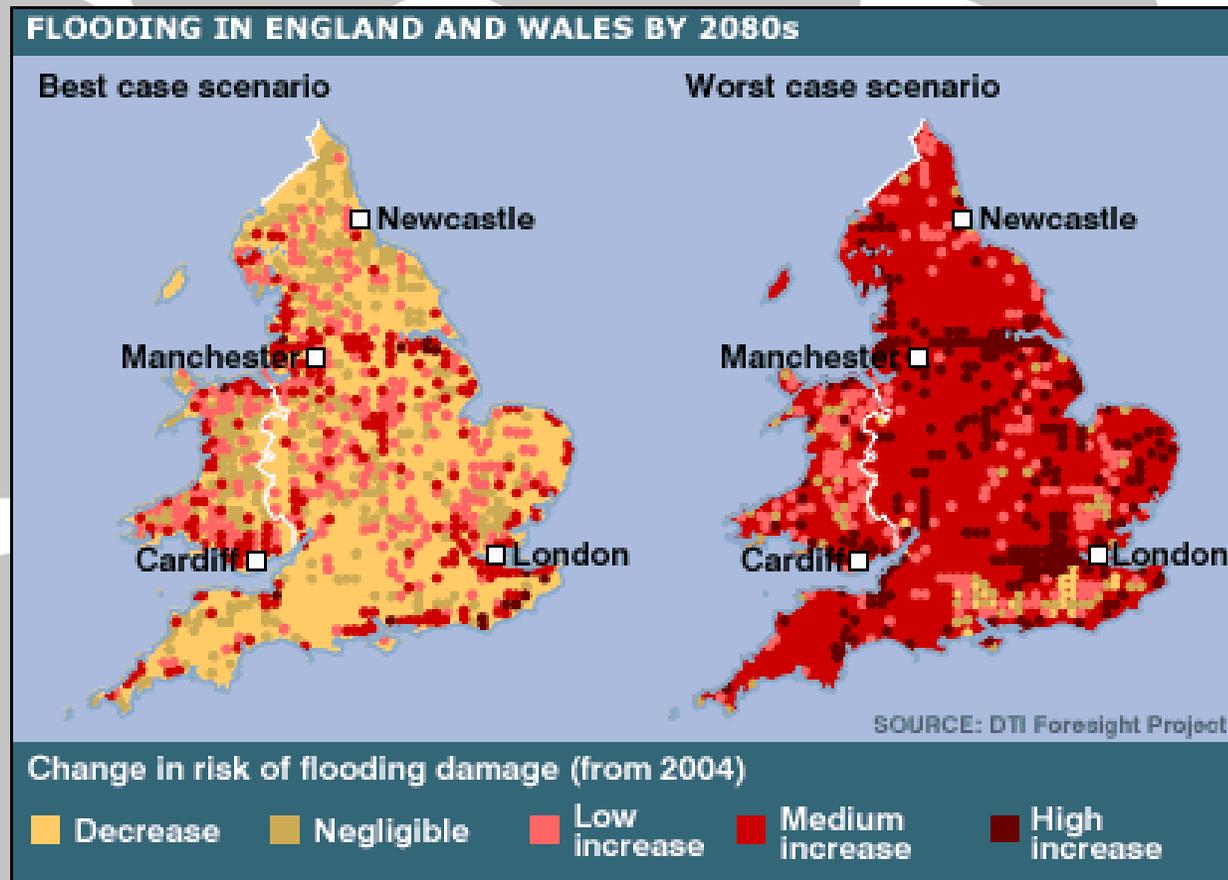
38,000 properties up to 1% chance/yr

163,000 properties up to 0.1% chance/yr

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Future Flood Risk??



Previous Flood Events

Storm Eva devastated Greater Manchester on Boxing Day 2015

- 2200 properties, across 65 (many of them deprived) communities, in 8 Local Authority districts.
- At least £11.5m in infrastructure damage
- 500 businesses flooded.
- 31,200 properties without power
- KPMG estimated cost across the north at £5bn.
- Future economic – potential GVA impact of £160.8m/day.

More recently.....

March 2019

July 2019

February 2020 (2nd highest on record at a number of sites in GM)



Flood Risk Capital Investment Programme

Nationally (England) - £2.6bn over 6 years between 2015/16 – 2020/21

In return: 300,000 residential properties in reduced risk band, with a target of 10% efficiencies and 15% partnership funding across the 6 year period.

Next spending review period is beyond March 2021 and we have been working with government to develop the terms of that. We wait for confirmation of the terms of the settlement.

Partnership Funding

Principles of Partnership Funding are expected to remain in the next SR, with some changes to the calculations.

It will be important for Risk Management Authorities to work together to identify PF opportunities, early.

Develop a Partnership Funding Strategy for the Flood Risk Investment Programme.

***‘Inland flood defences save the UK £1.1 billion a year,
ABI (2019)’***

In Greater Manchester 2015 – 2021.

- 4909 residential properties in a lower risk band.
- Salford 2nd Basin (1100), Worsley Brook culvert (260), Westleigh (230).
- Significant project development in Bury and Rochdale Boroughs, with a start on site in Radcliffe and Redvales this FY.



Example of ongoing flood risk project in Bury

Summary

Radcliffe and Redvales devastated by Storm Eva.

Reduction of risk to ~900 residential property.
£~324m total economic benefits.

Funding

FCRM Grant in Aid £27.7m

Deprived Communities Fund (Booster funding) £7m

RFCC Local Levy £3m

Bury Council - £2m



Including a number of schemes led by Local Authorities

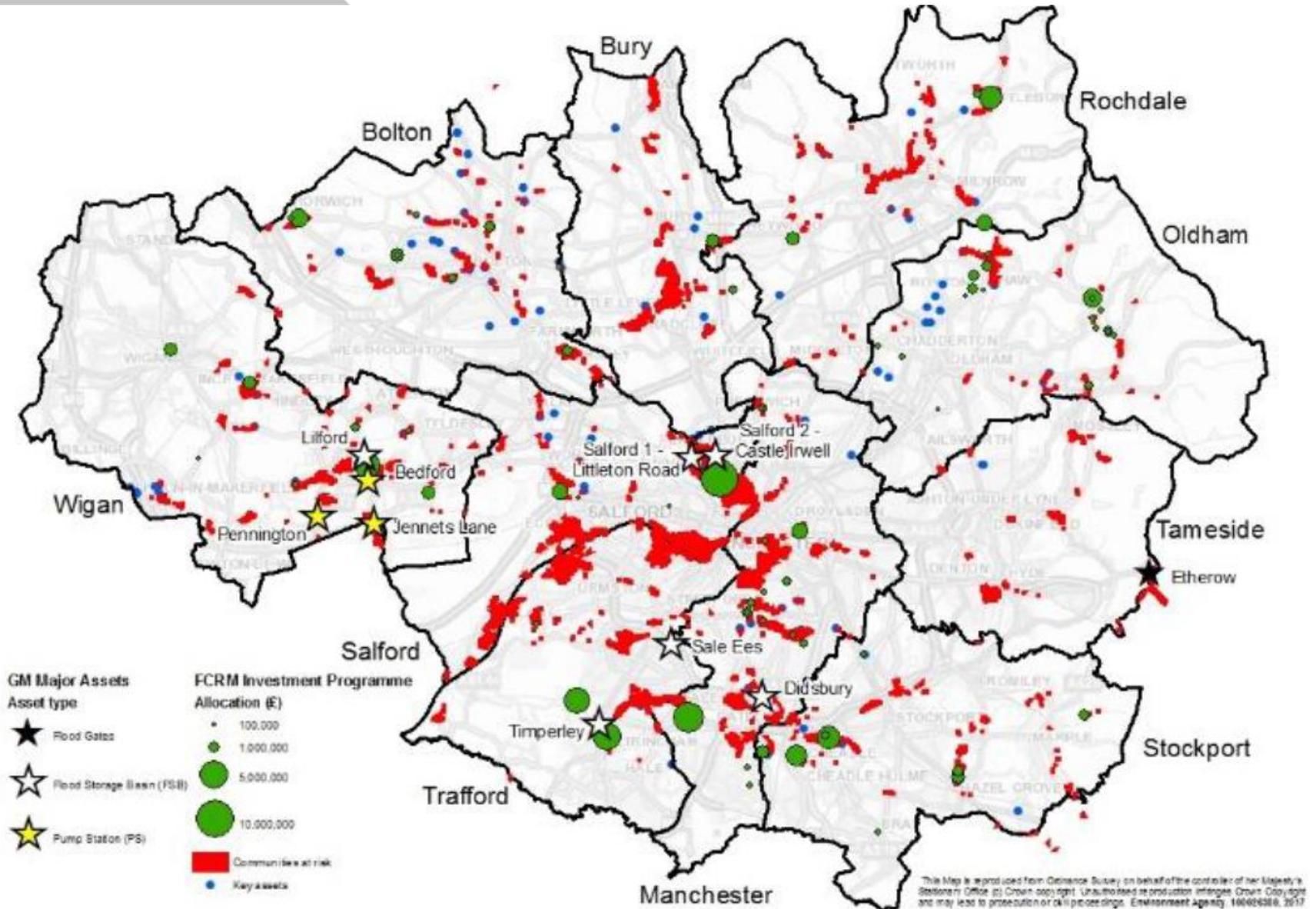
- Large SW and ordinary watercourse schemes delivered across the Combined Authority in Rochdale, Oldham, Wigan, Bolton among others.
- Used a variety of funding sources – GiA, Levy and Council contributions.
- Little contribution from sources beyond those mentioned above. Important to begin to develop other sources if programme is to be maximised and to develop complementary infrastructure programmes.



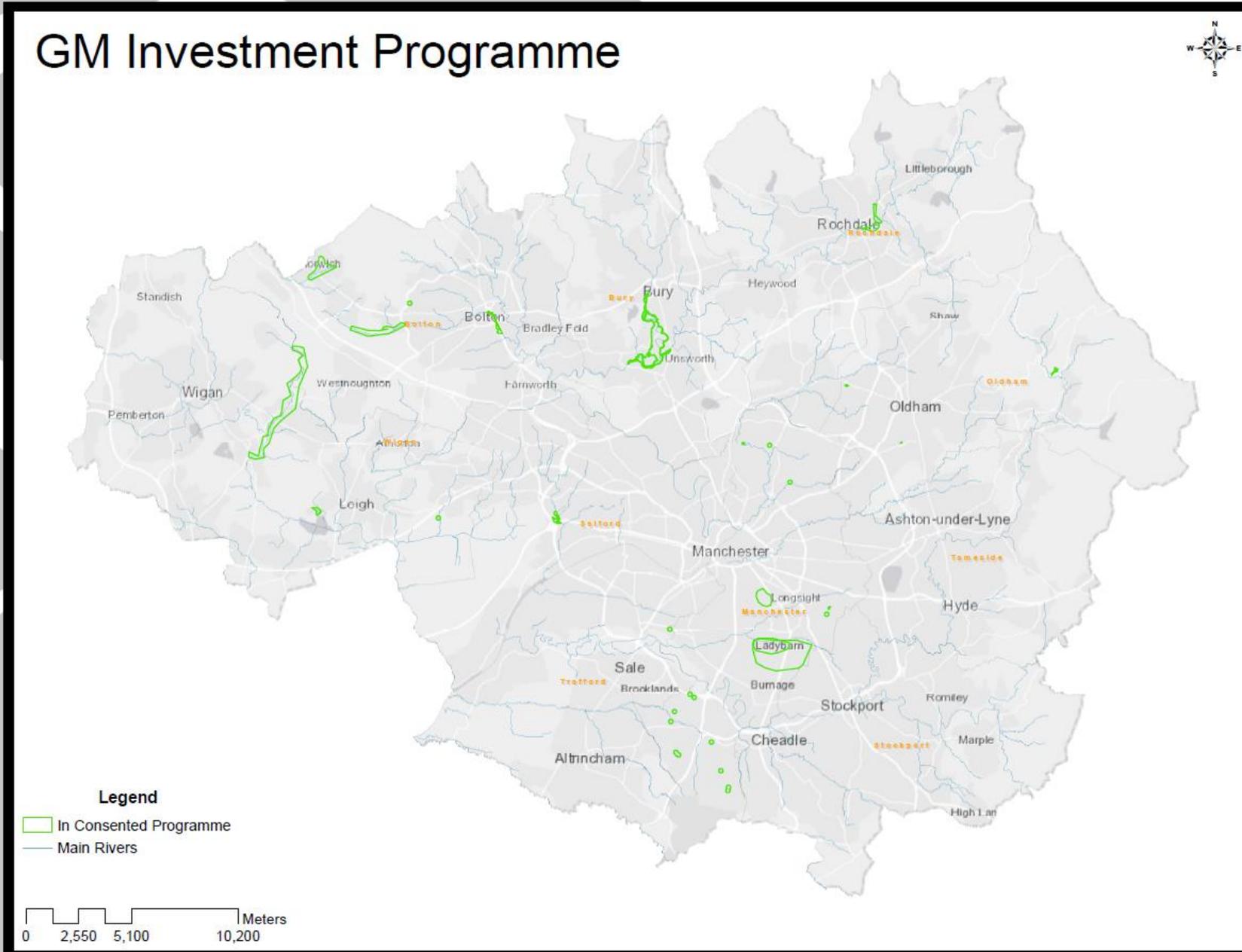
Environment Agency Flood Risk Infrastructure

Annual Asset Management Costs - £2.9m

Current flood defences protect 10,800 properties



Locations of projects within Current Capital Investment Programme 2019 – 2021 (allocated)



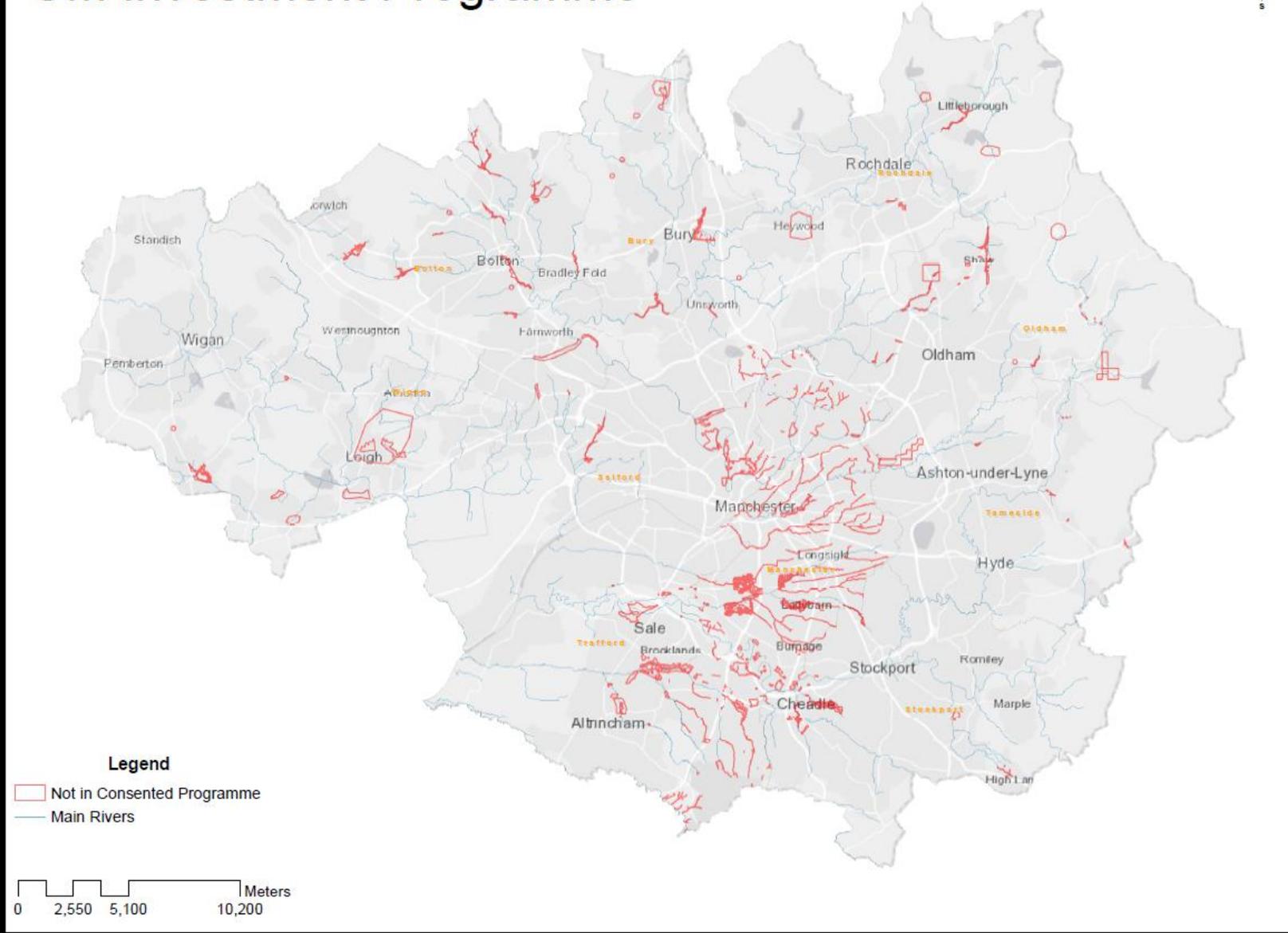
~£55m of GiA and LL spent 2015 - 2021

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Future capital flood risk investment programme (Beyond March 2021)

GM Investment Programme



- Dependent on funding settlement... but..
- 80 Potential projects
- Up to 7,000 residential properties at reduced risk
- Opportunities for links into major development and infrastructure projects.

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 Environment
Agency

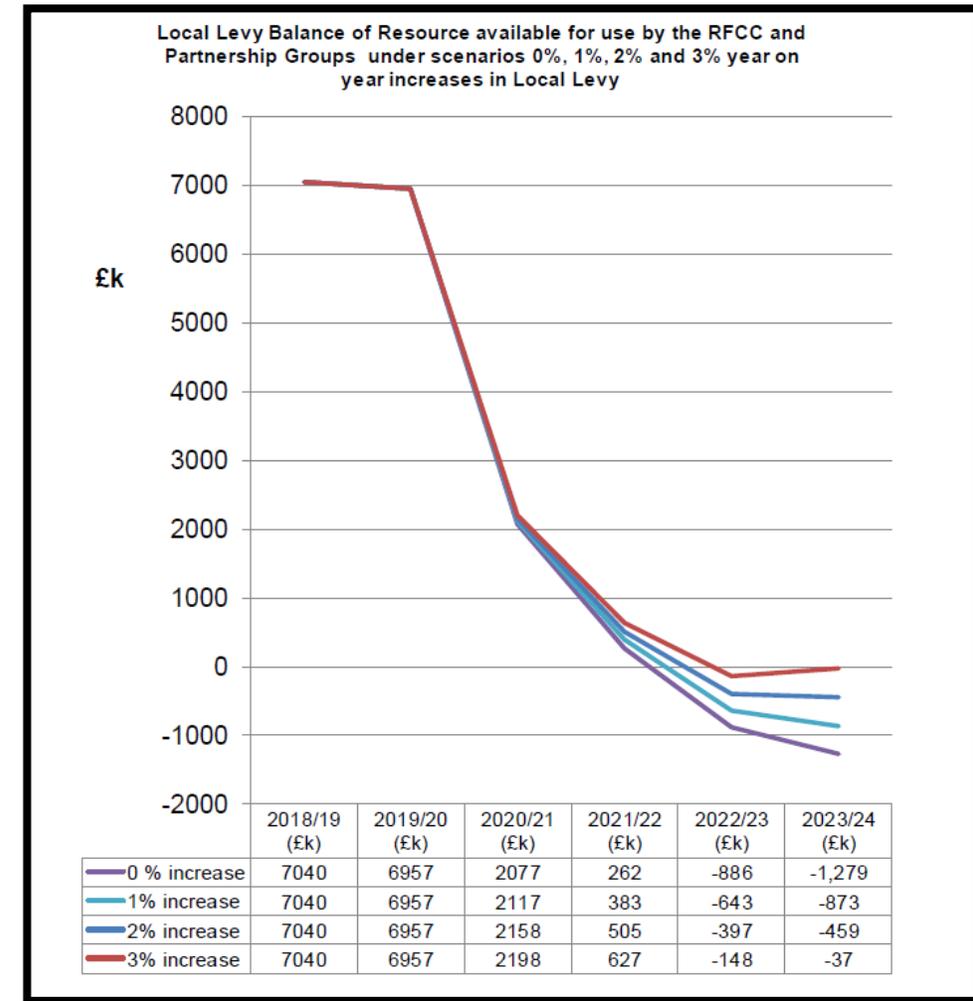
Local Levy

- £4.1m/yr contributed by local authorities across the north west of England and forms a source of Partnership Funding to flood projects.
- Contribution by GM c.£1.4m/year
- The balance at the start of the FY was £7m but the is forecast to reduce significantly by 2023/4.

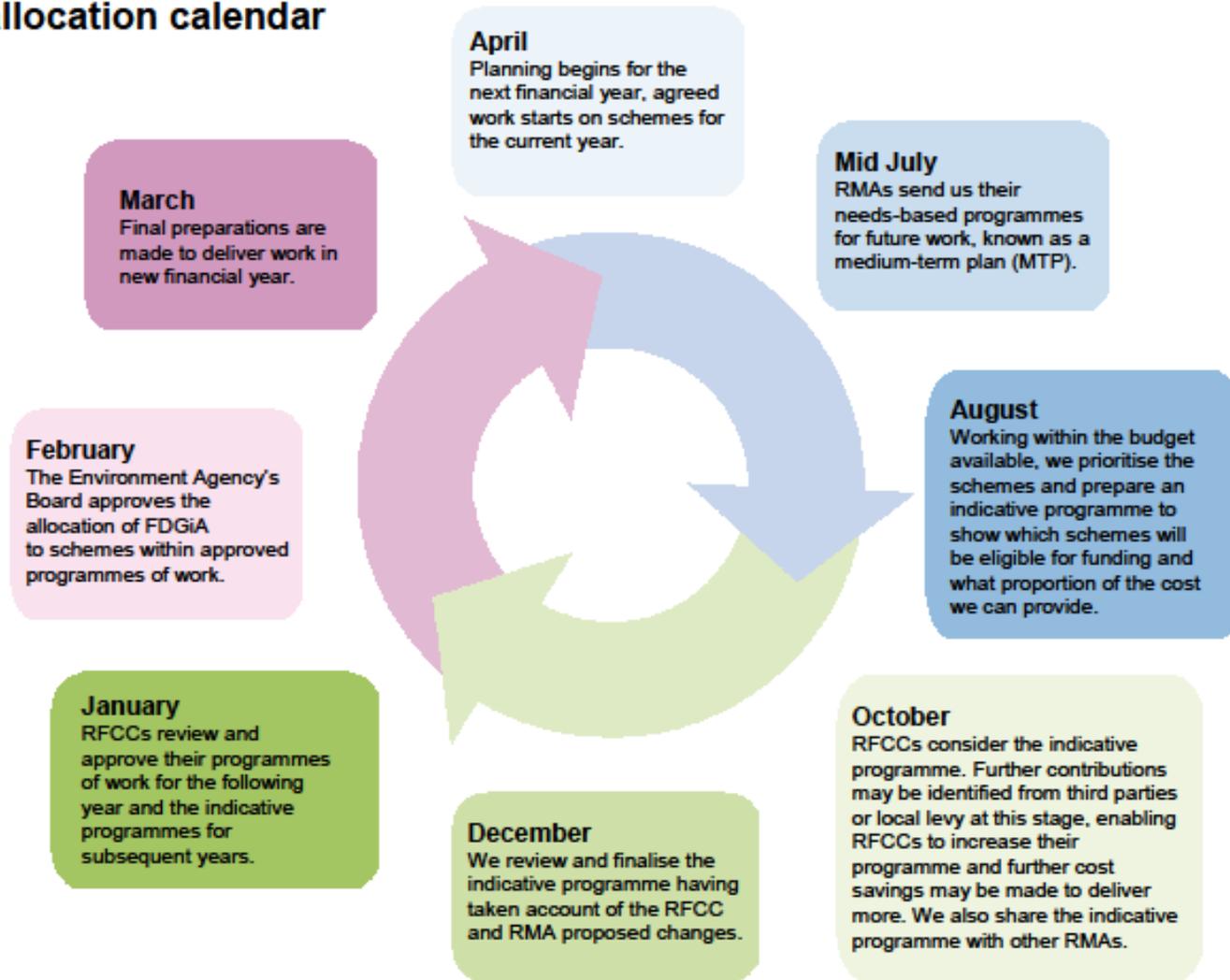
Increased competition for this pot on projects such as ageing assets and other funding sources need to be identified.

Example LL contributions

- Radcliffe and Redvales £3m
- Rochdale and Littleborough £3m
- Westleigh Brook £0.3m
- Culvert refurbishment across GM £0.5m



Grant in aid allocation calendar



Abbreviations:

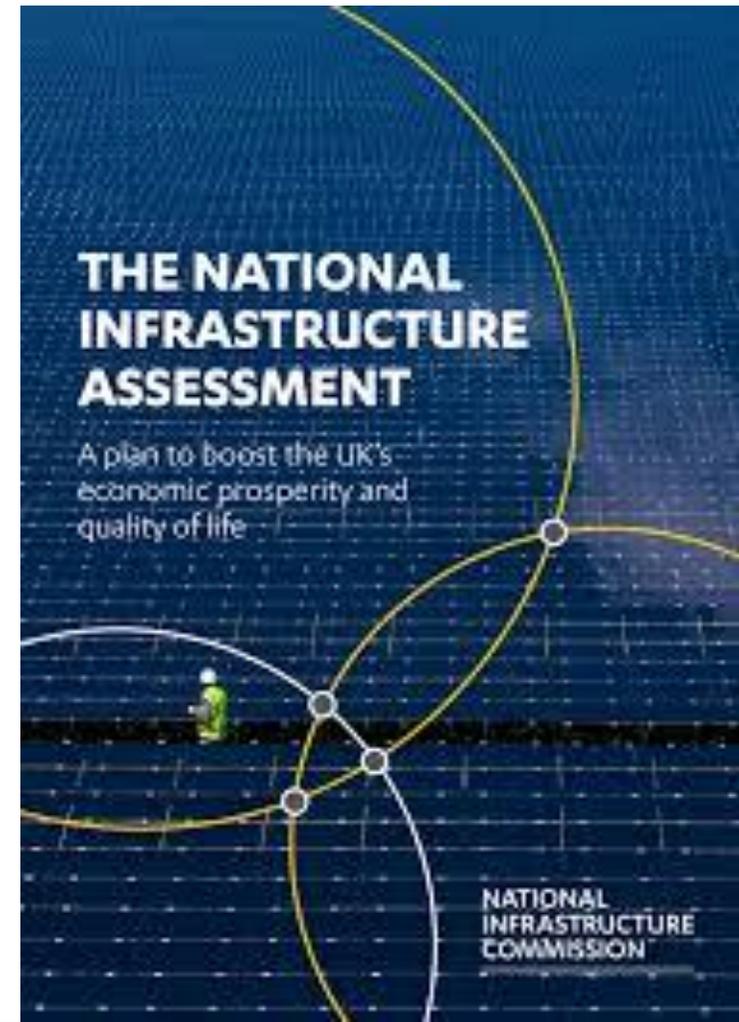
RMAs – Risk Management Authorities

RFCC – Regional Flood and Coastal Committee

Government Strategy

NIC priorities

The Commission recommended that government should put in place a rolling 6-year funding programme for a strategy to deliver a nationwide standard of resilience to flooding with an annual likelihood of 0.5% by 2050 where this is feasible. A higher standard of 0.1% should be provided for densely populated areas where the costs per household are lower.



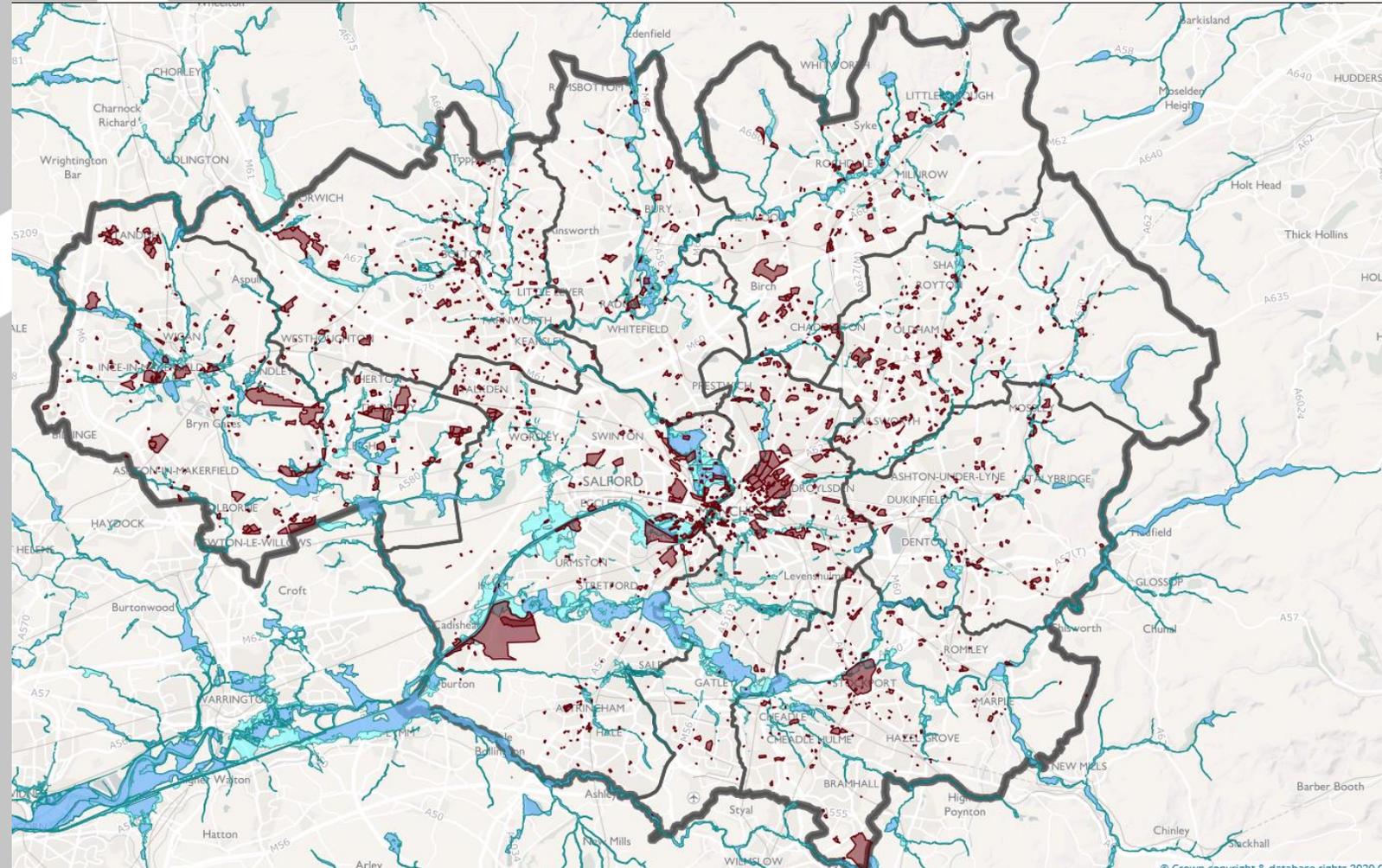
Working with GM and Partners

- Infrastructure investment enables prosperity, social inclusion and ensures that Greater Manchester is resilient to potential shocks and stresses

...This will require collaboration and innovation across a number of partners/funding programmes.



Working with GM and Partners



Key discussion points for PHC to consider:

- Sources of partnership funding
- Influence on Local Levy spend
- How can PHC and its members support the delivery of the flood risk investment programme