

# Standardising City Adaptation Strategies – an impossible dream?

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**9<sup>th</sup> Global Forum on Urban Resilience and  
Adaptation:**

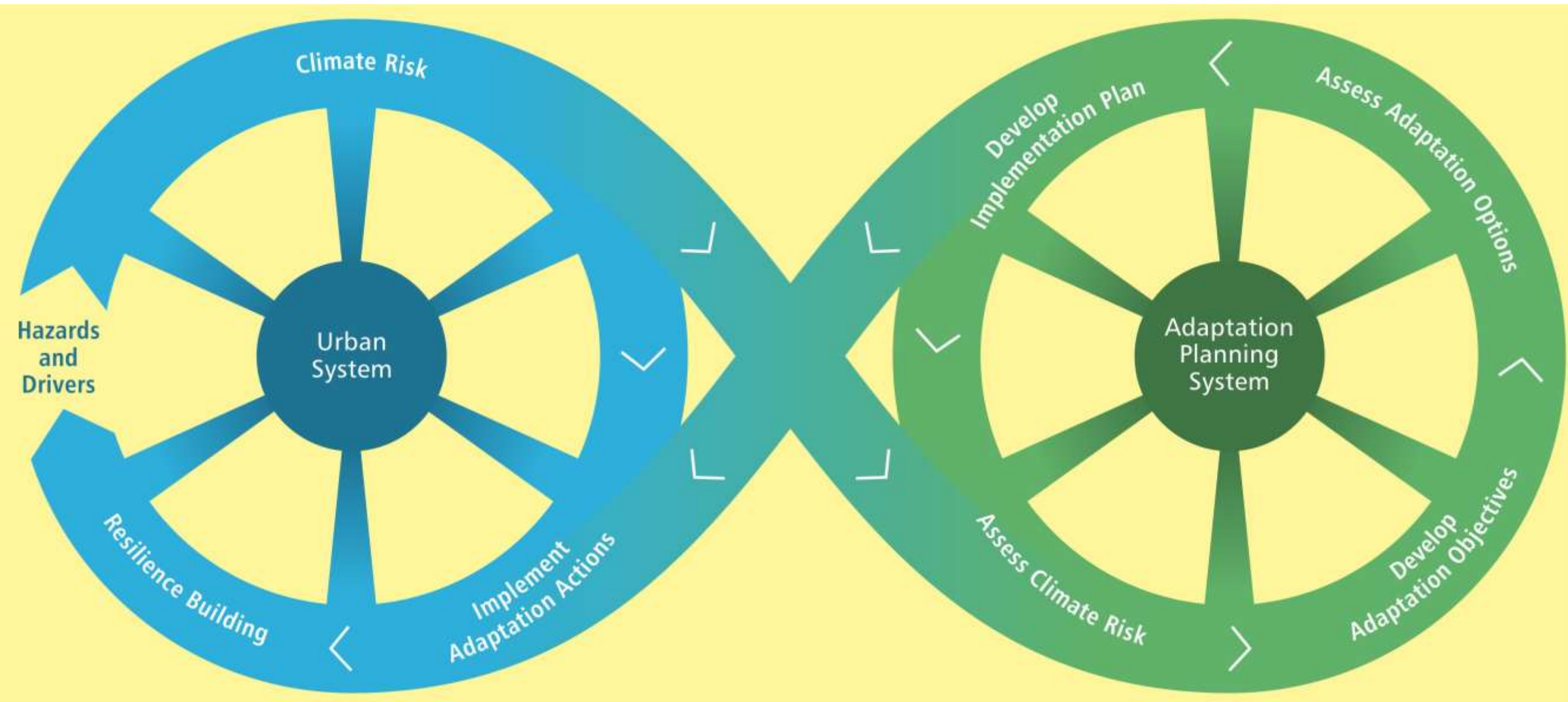
*Standardised support tools for urban resilience,  
integrating resilience planning into local decision-  
making*

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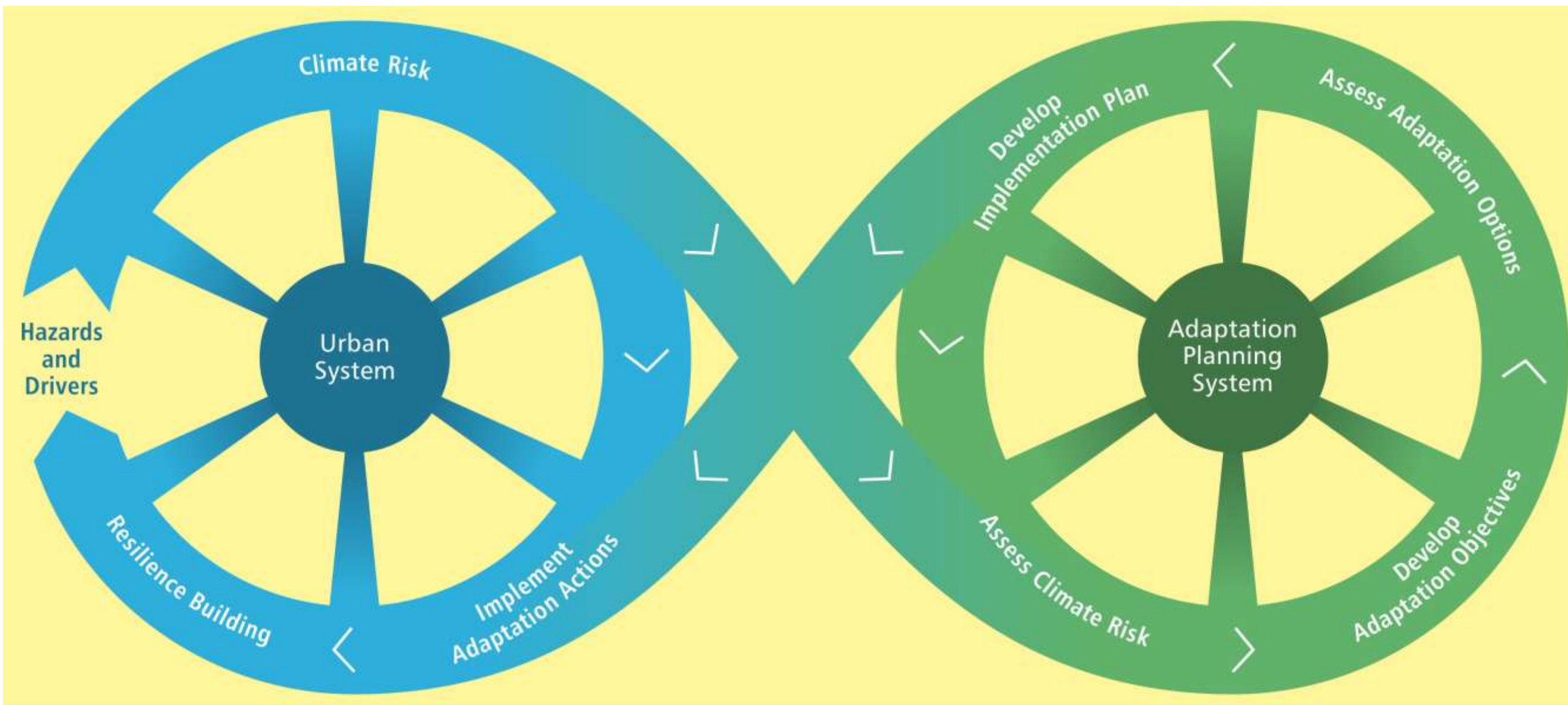
**Matt Ellis (Climate Resilience Officer, GMCA)**

- **City Adaptation Strategies** – standardised processes, not standard products / documents
- **Greater Manchester's experience** – co-creating its adaptation planning process
- **Critical challenges** - the 3 linked C's: complexity, capacity and consistency
- **The opportunity for cities** - using standardised approaches (and co-creation/collaboration) more widely

## Standardised processes not standard products



## co-creating our adaptation planning process



## Working with Transport for Greater Manchester (TfGM)

### Specific Actions from GM's Climate Change and Low Emissions Strategy (2017) :

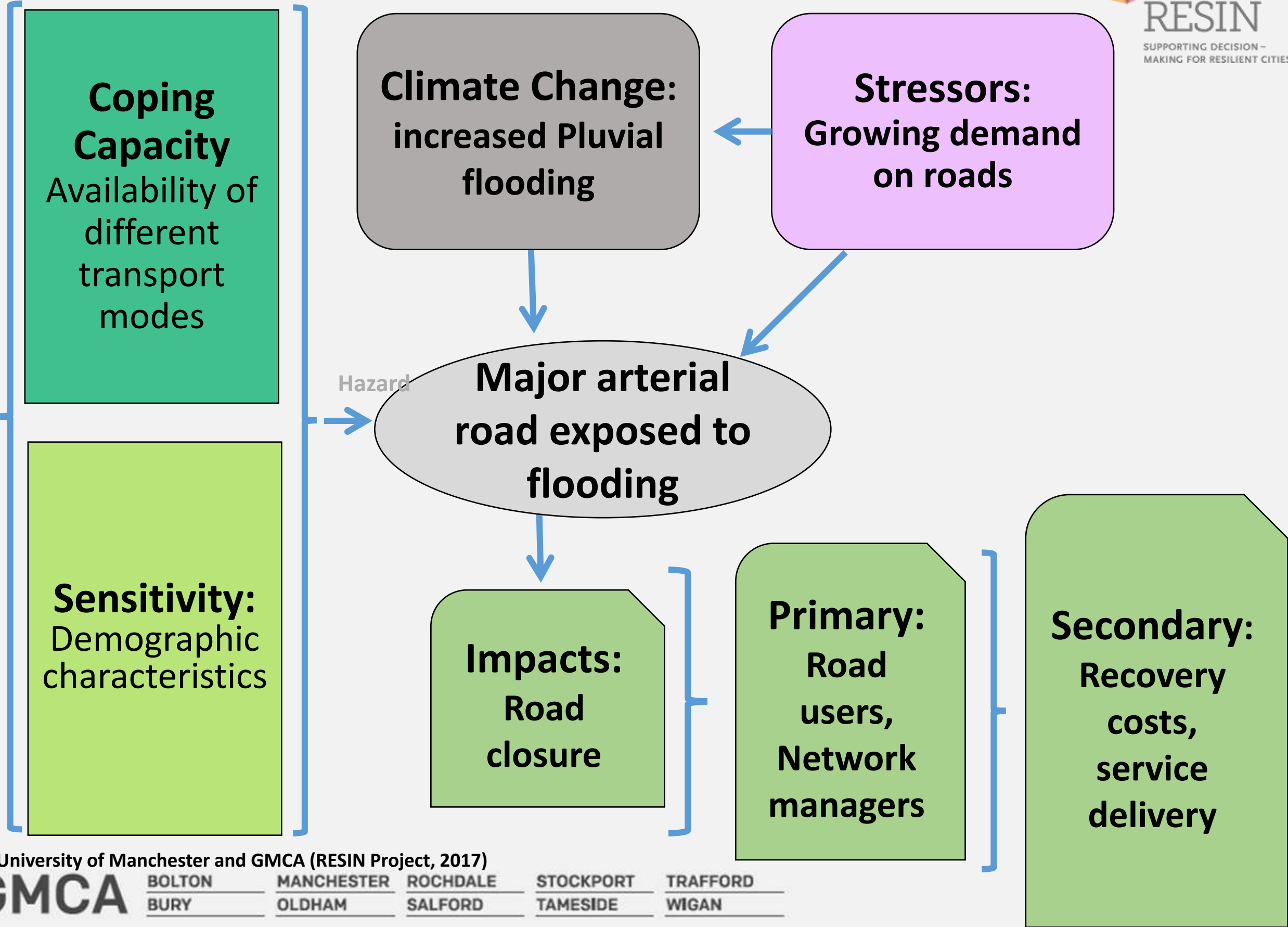
- **A12: Identify key risks to transport infrastructure** posed by increased incidence of flooding and heat as part of Transport Strategy and Planning.
- **A13: Integrate requirements for shelter from extreme weather and heat** into building design and transport systems as part of a sustainable design guide.



# Impact chain: Pluvial flooding to major arterial roads in Greater Manchester

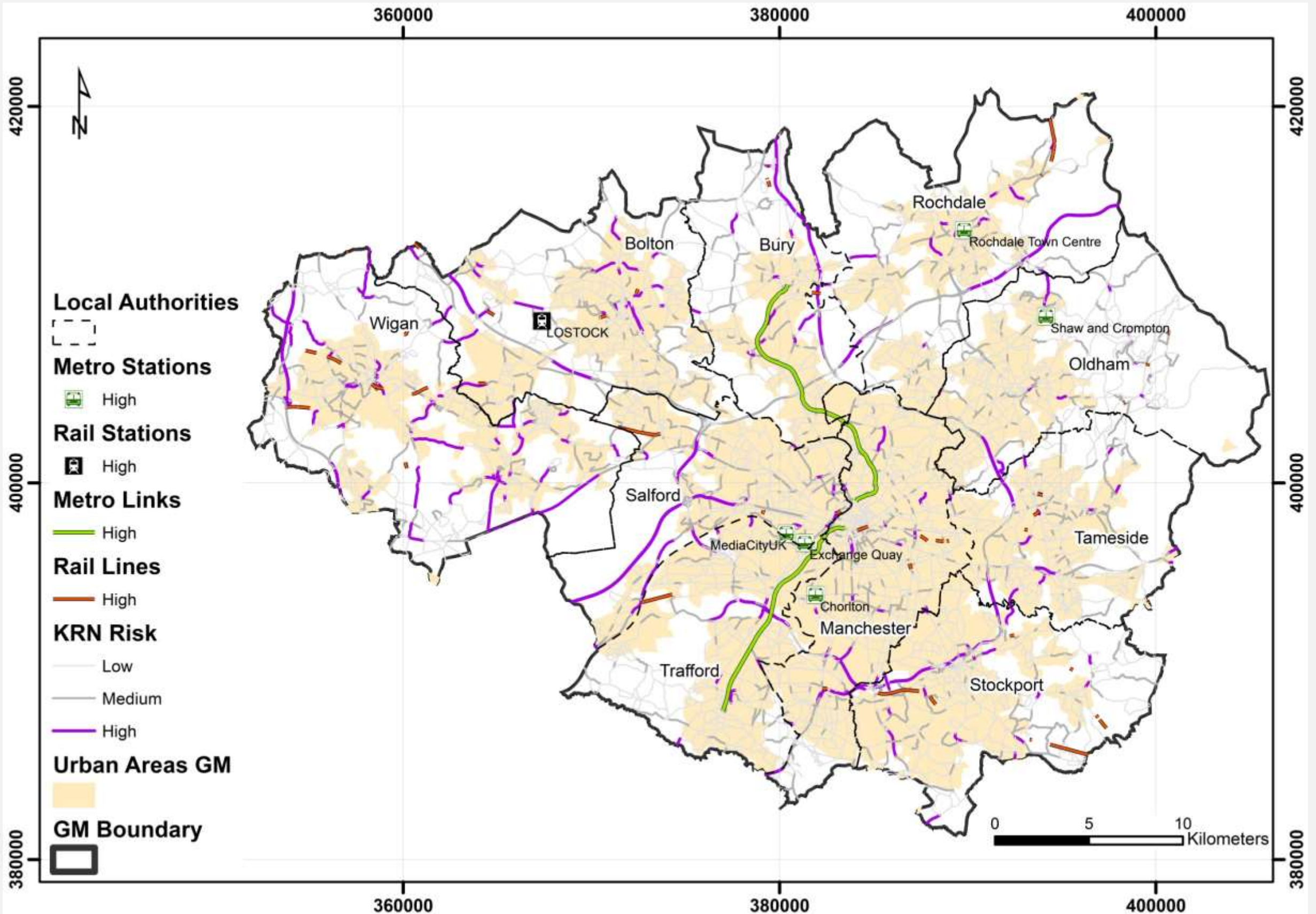


Vulnerability



Source: University of Manchester and GMCA (RESIN Project, 2017)

# A GM transport flood risk assessment







**3 linked C's: complexity, capacity and consistency....**

**But a real opportunity for cities**

