



CRC for  
Water Sensitive Cities



4th water sensitive cities conference



Australian Government  
Department of Industry and Science

**Business**  
Cooperative Research  
Centres Programme

# City shaping platform Solutions platform

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CRC for Water Sensitive Cities

26-28 March 2019



# Towards facilitating platforms

## Transitions Platform

Developing a common system understanding, shared vision, targets, priority strategies and actions for driving a city's WSC transition

Different users will have different entry points



Exploring, evaluating and delivering urban development and water servicing options that will achieve on-ground outcomes to realise the WSC vision



Analysing specific sites, and evaluating and designing context-specific solutions that will support WSC outcomes



## City shaping platform



## Solutions platform



### Aim

*Explore, evaluate and deliver urban development and water servicing options that will achieve on-ground outcomes to realise the WSC vision*

*Analyse specific sites, and evaluate context-specific solutions that will support WSC outcomes*

### Scale

Sub-catchment

Precinct, Streetscape

### Users can...

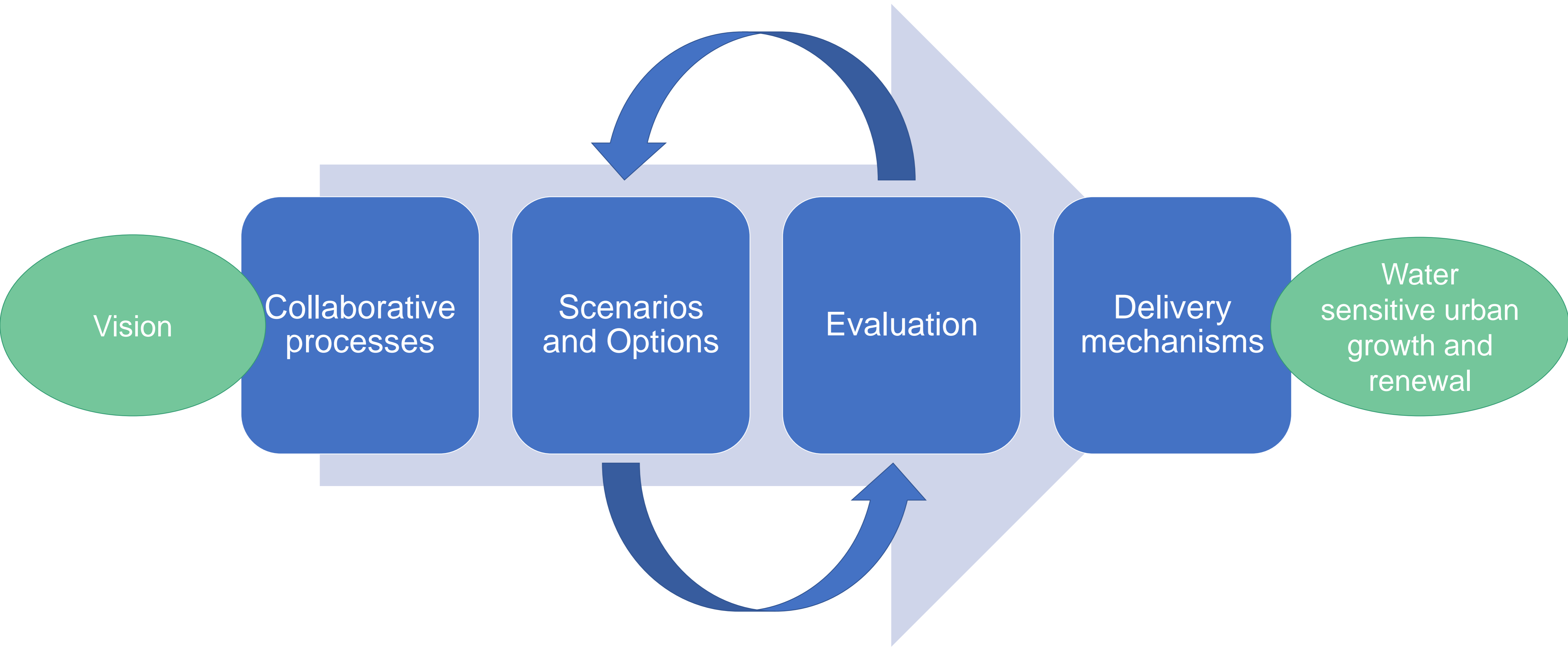
- Explore different development scenarios that embed water sensitivity in the urban form
- Analyse the performance of different water sensitive servicing options
- Evaluate the costs and benefits of alternative development scenarios and servicing options
- Explore adaptive policy options

### End-user outputs

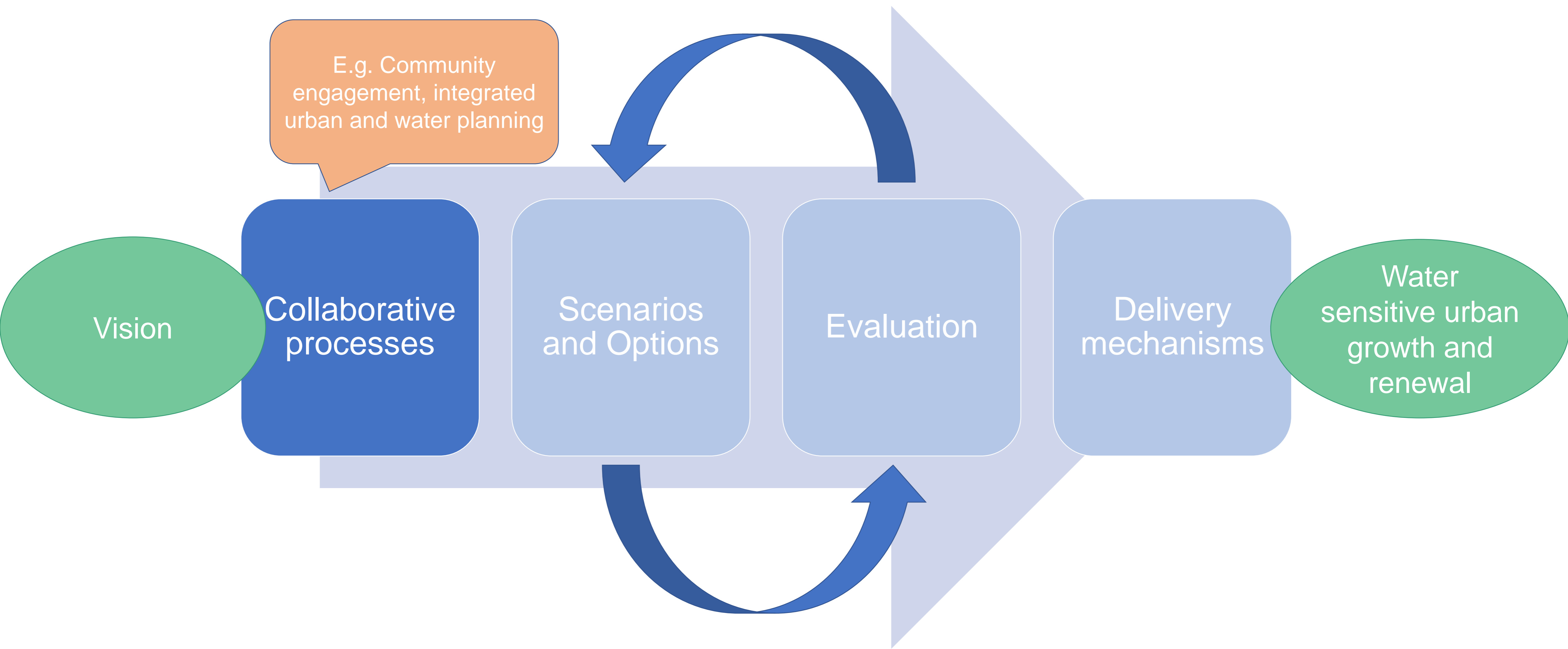
- Servicing strategy
- A business case for water sensitive development
- Urban forest strategy
- Heat vulnerability maps
- Performance evaluations
- Water mass balance
- Residential development typologies
- Benefit-cost



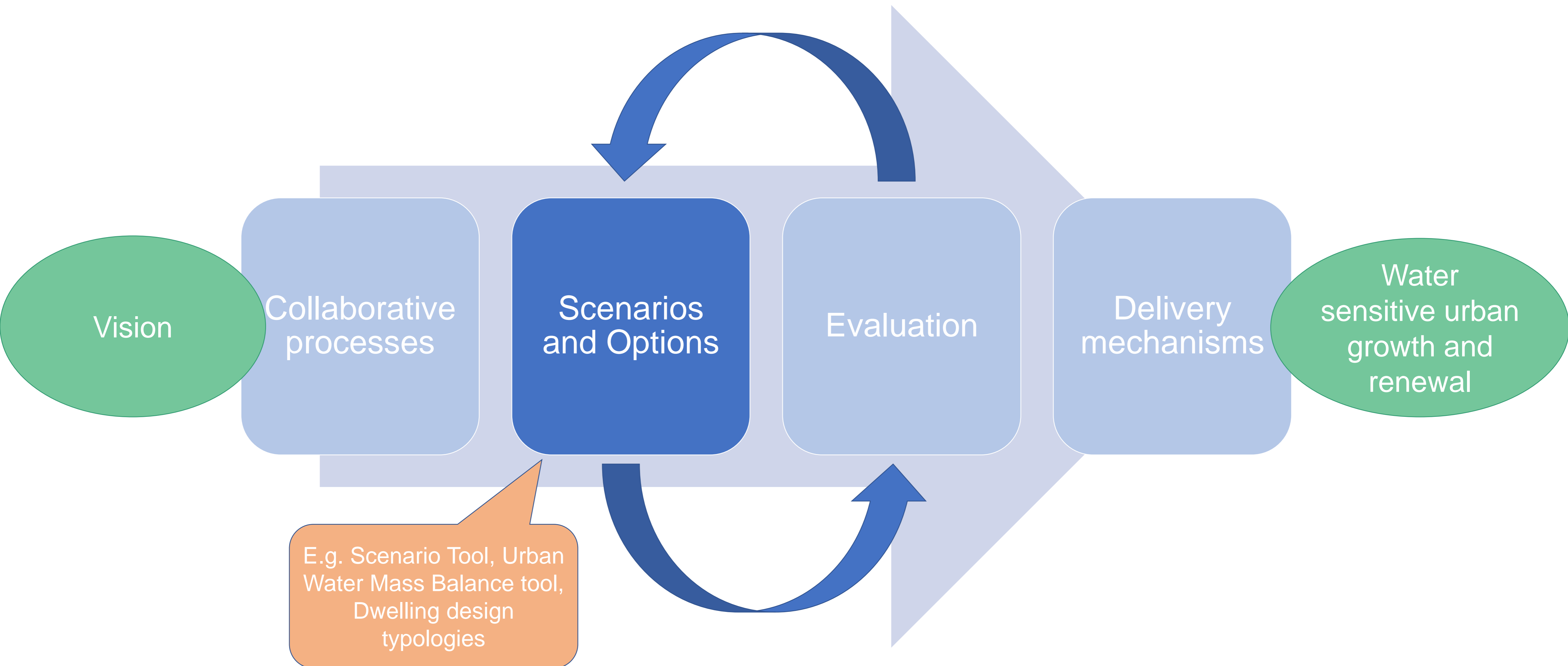
# Translating vision into on-ground practice



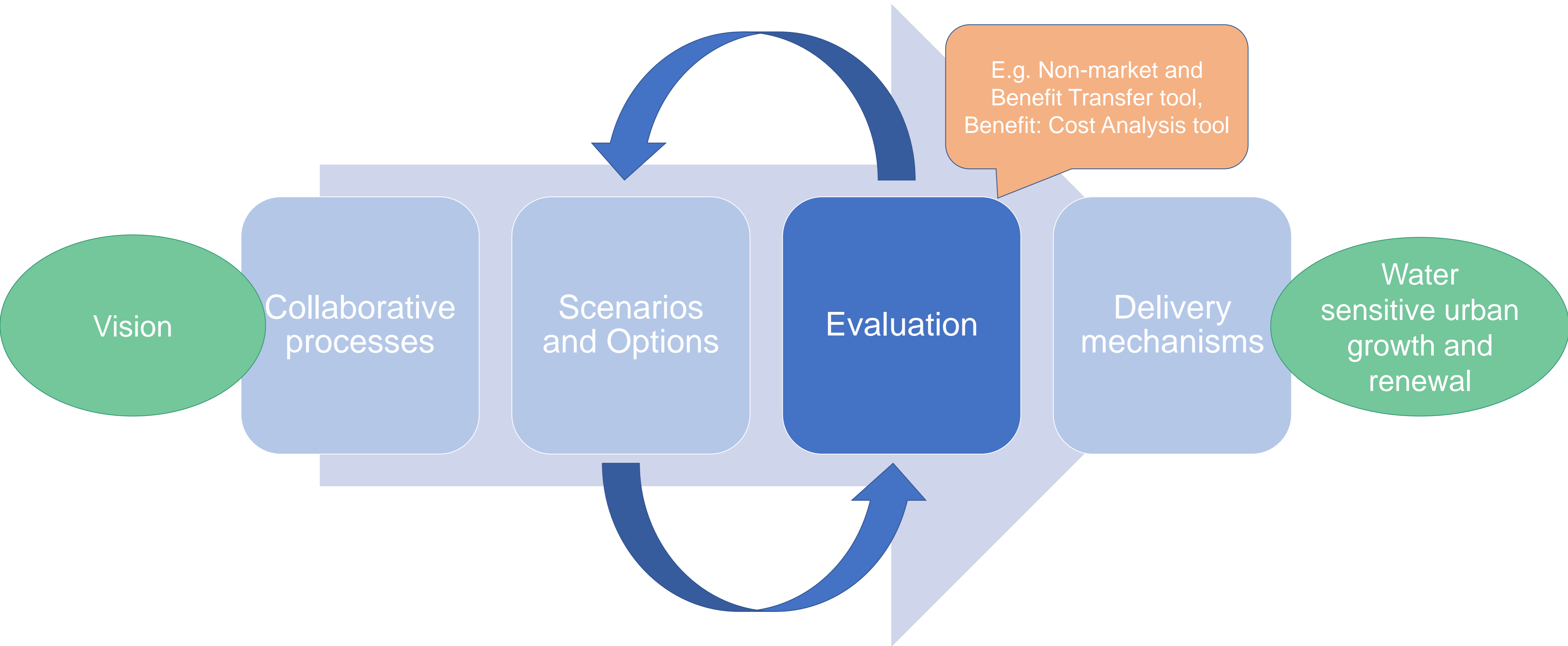
# Translating vision into on-ground practice



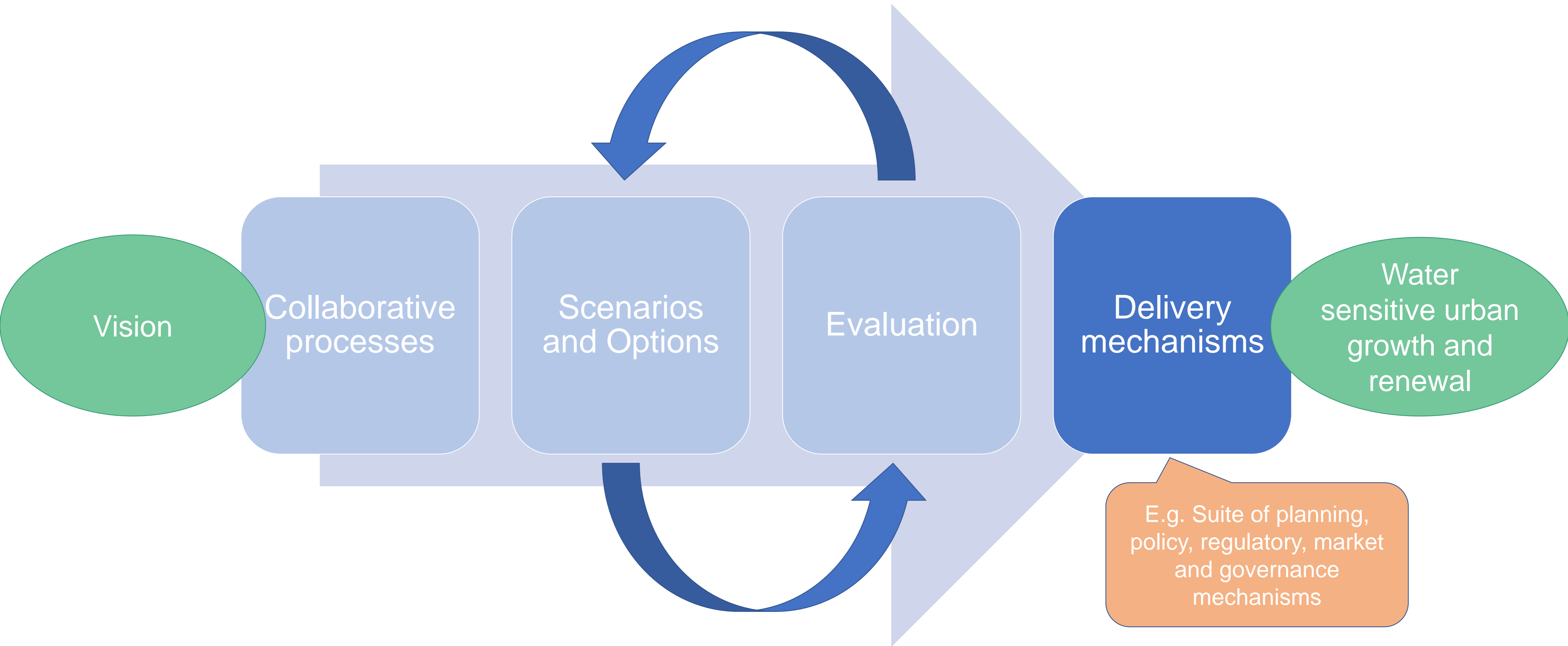
# Translating vision into on-ground practice



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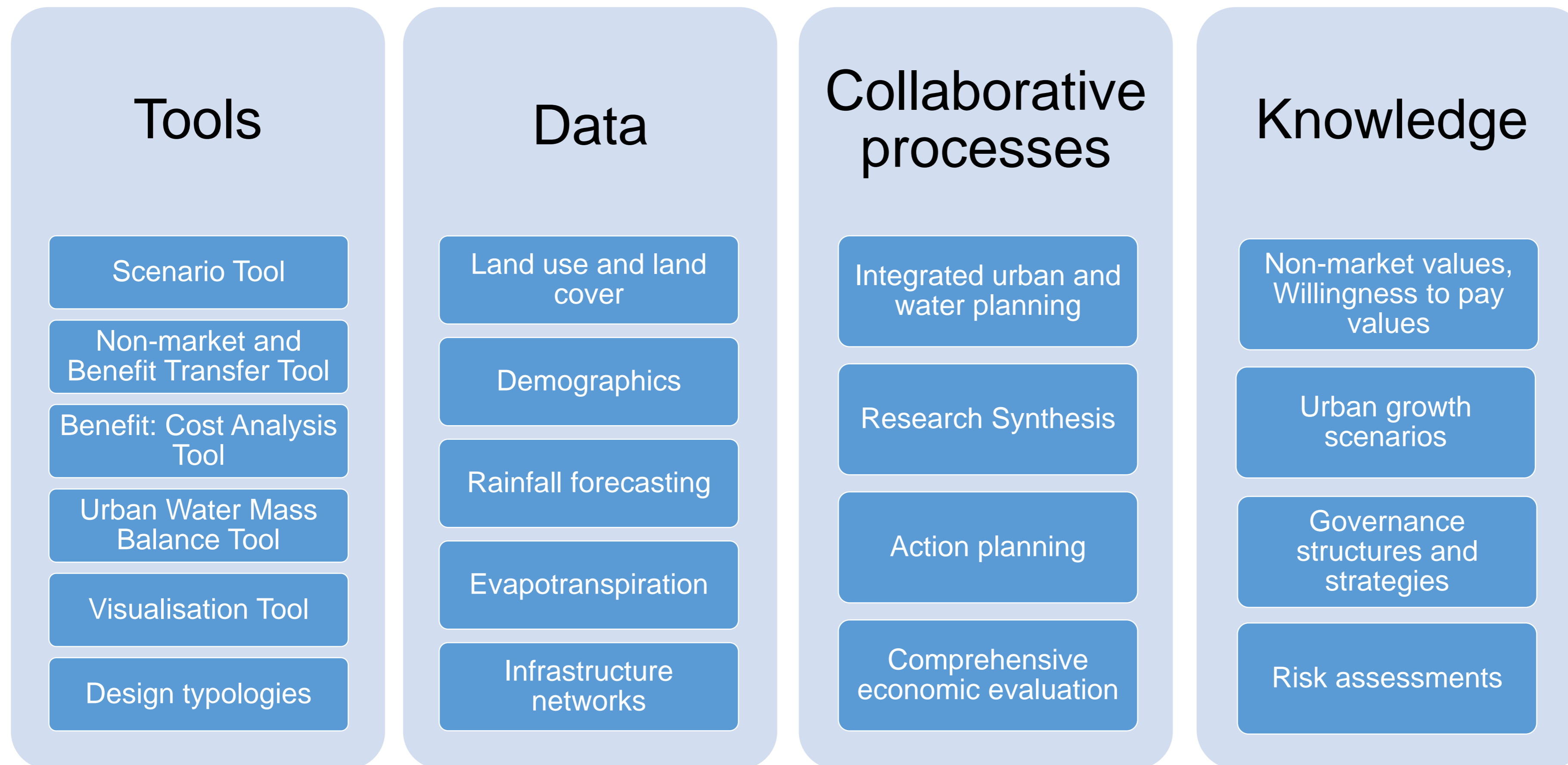


# Translating vision into on-ground practice





# Components of the City shaping and Solutions platforms





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