

# Scenarios framework – exploring ‘practice’

2 March 2017 workshop

# Aim of today

- Recap on last meeting
- Brief look at revised scenario matrix
- Explore what is 'improved' and 'water sensitive' practice
- Looking ahead

# Recap on last meeting

- Need to see how working group material fits in
- Fix up language bias
- Scenarios need to be able to be picked apart
- Make sure PT is transparent
- Provisional 'proceed' given

# Revised scenario matrix

		Land and water use practice		
		Rural, land use, asset management and urban development		
		Current	Improved	Water sensitive
Urban and rural land use change	District Plan urban growth	Scenario 1 (BAU 1)	Scenario 5	Scenario 9*
	Identified further urban growth	Scenario 2 (BAU 2)	Scenario 6	Scenario 10
	Retaining the rural footprint (denser urban development)	Scenario 3	Scenario 7	Scenario 11
	Maximising the urban footprint (spread out development)	Scenario 4	Scenario 8	Scenario 12

1

For all areas, what is improved or water sensitive practice?

2

For new urban, where is it?  
What kind of density?

3

For all land use change and practice, when does it occur?

Existing urban

New urban

Existing rural

# Three questions

- In order to complete scenarios:

1	For all areas, what is improved or water sensitive practice?
2	For new urban, where is it? What kind of density?
3	For all land use change and practice, when does it occur?

← Today

←  
← March 23rd  
←

# Method behind today

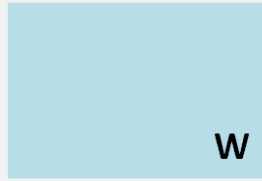
- Modellers/PT/WWL meeting January
  - Advice on suitability of options for modelling
- Work by PT since 9 February
  - Sorting options into ‘improved’ and ‘water sensitive’

# Sorting the Rural Issues WG material

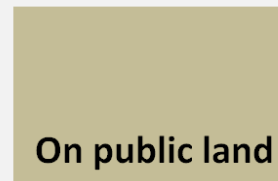
## Recommendations



Becomes **Improved** practice for scenario building



Becomes **Water sensitive** practice for scenario building



Not part of scenario, but built into way model results are expressed



Not part of scenario as either:

- Likely to make very little change
- Covered by another option



# Sorting the Stormwater and Wastewater WG material

## Recommendations

**I**

Becomes **Improved** practice for scenario building

**W**

Becomes **Water sensitive** practice for scenario building

**I and W**

Chose levels of this management option for both **Water sensitive** and **Improved** practice

**WWTP**

Recommendation to analyse outside scenario matrix framework

**Other**

May not be part of integrated scenarios, but information on option reported in another way (e.g. feasibility analysis)

# Sorting the Urban Development WG material

- Use narratives relating to practice:
  - Improved = Best practice
  - Water sensitive = ‘Better than best practice’
- Technical input to further tease out practices

<b>Urban and rural land use change</b>	<b>A</b>	<b>Integrated scenarios</b>	<b>Land and water use practice</b> Rural, land use, asset management and urban development		
			<b>Current</b>	<b>Improved</b>	<b>Water sensitive</b>
	<b>District Plan urban growth</b>	Scenario 1 (BAU 1)	Scenario 5	Scenario 9*	
	<b>Identified further urban growth</b>	Scenario 2 (BAU 2)	Scenario 6	Scenario 10	
	<b>Retaining the rural footprint (denser urban development)</b>	Scenario 3	Scenario 7	Scenario 11	
<b>Maximising the urban footprint (spread out development)</b>	Scenario 4	Scenario 8	Scenario 12		

<b>B</b>	<b>Separate analyses</b>	Analysis of stormwater management options: <ul style="list-style-type: none"> <li>- First flush diversion</li> <li>- Brake pads</li> <li>- Improving compliance on industrial/trade sites</li> </ul>	Wastewater network overflow reduction options
			Wastewater treatment plant impact analysis
			Water take and use analysis

# From here:

1

For all areas, what is improved or water sensitive practice?

2

For new urban, where is it? What kind of density?

3

For all land use change and practice, when does it occur?

1. Workshop practice material today
2. PT revise, based on today's discussion
3. Request advice from technical experts on finer detail, including getting Committee/modellers together

4. PT recommendations for how these could come together