

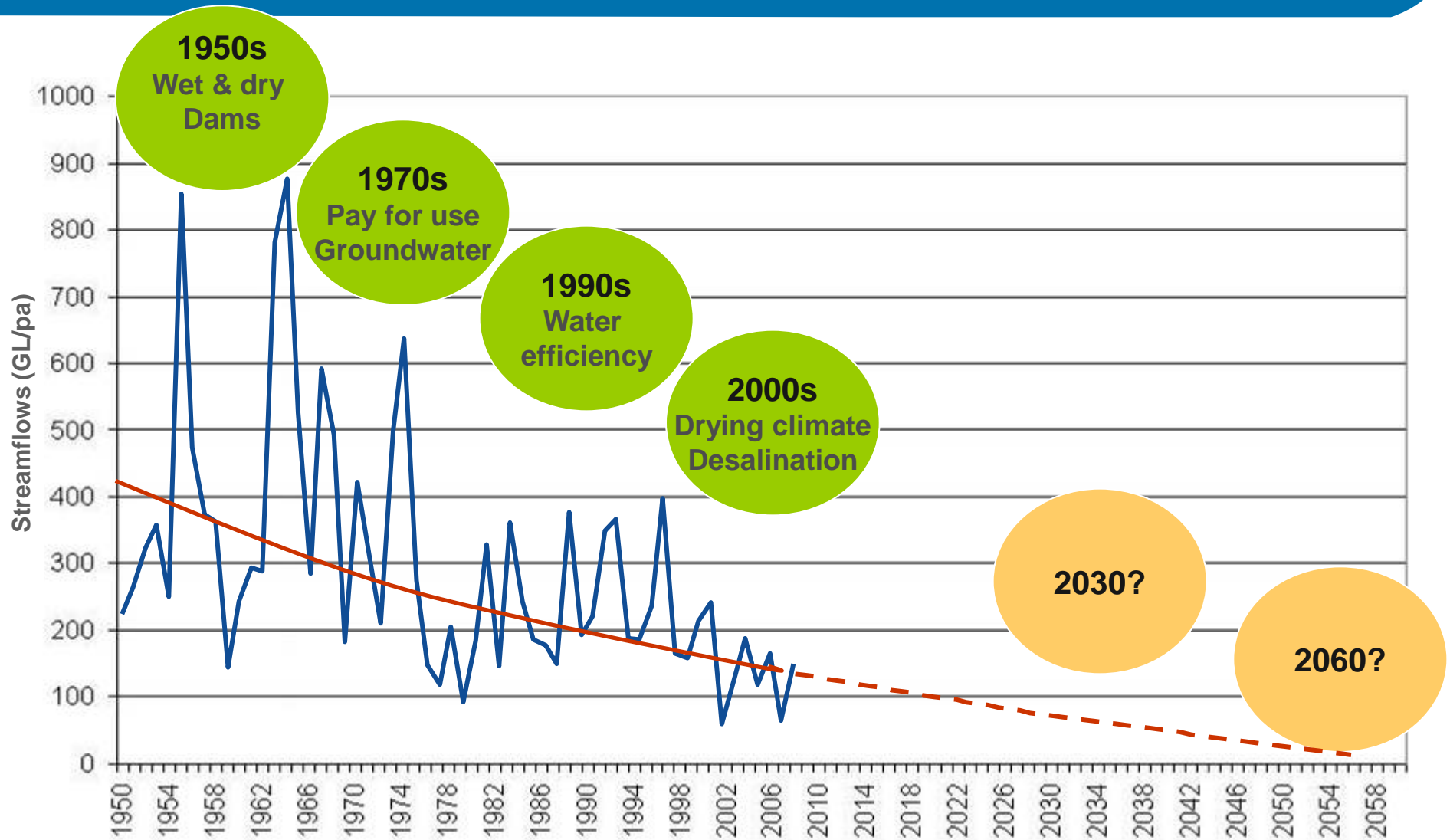
The challenge of providing water for all, forever

Presentation to New Water Ways

Sue Murphy
Chief Executive Officer
February 2011

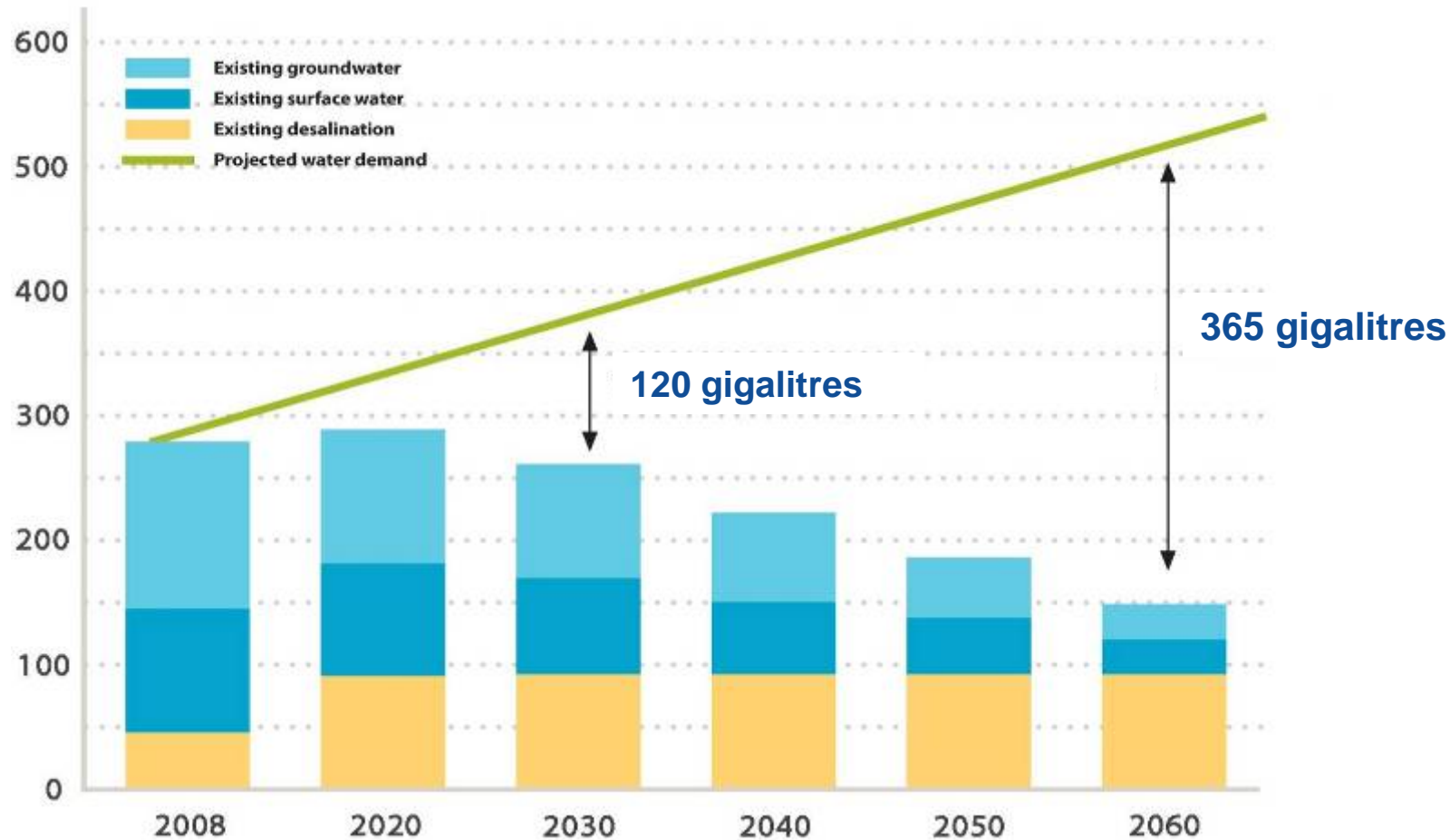


Context for our long term planning



Double water supply in next 50 years?

Gap between water supply and demand to 2060 (Gigalitres per year)



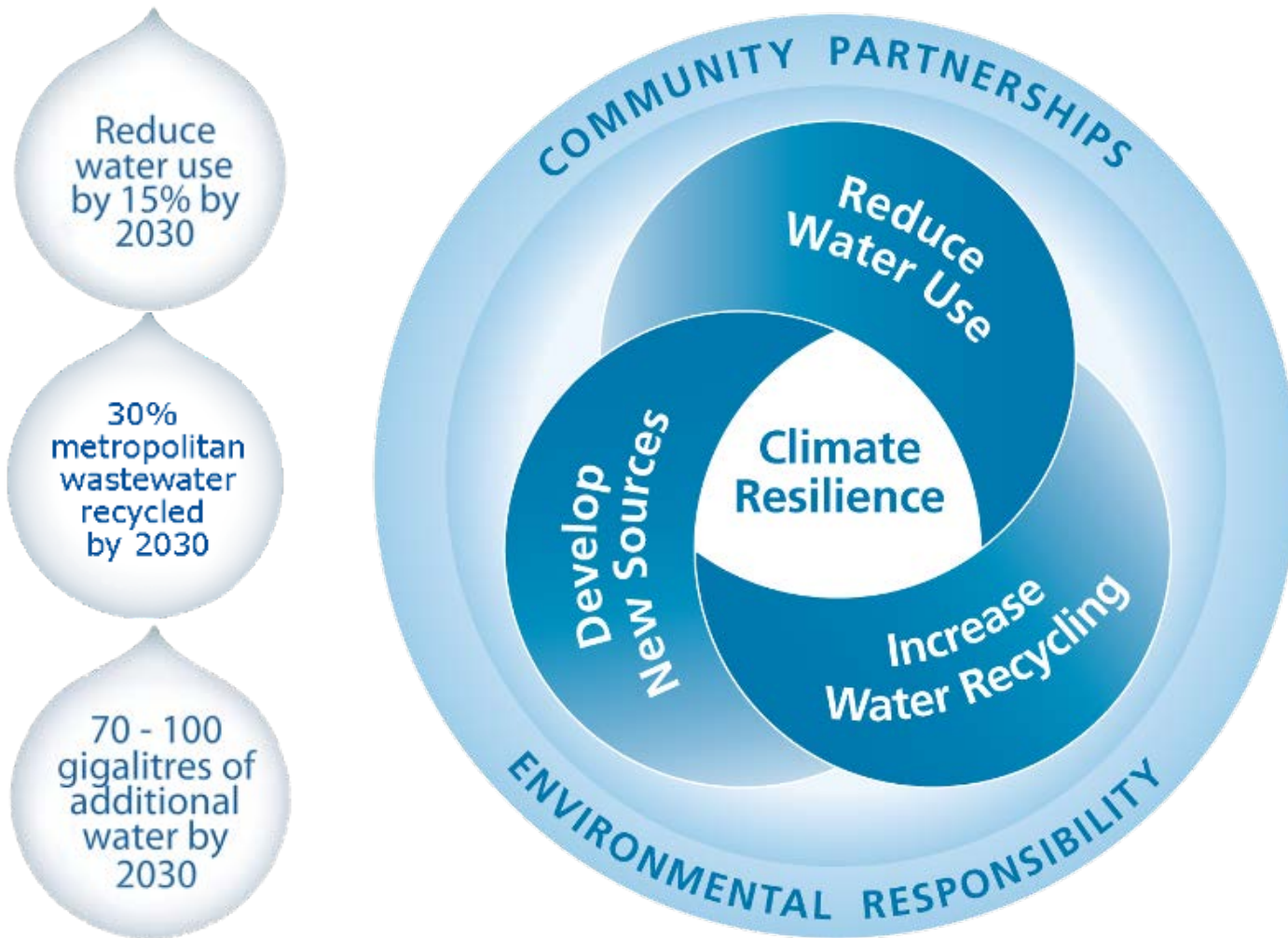
Portfolio of options

Summary of water options that could be implemented by 2030 and 2060

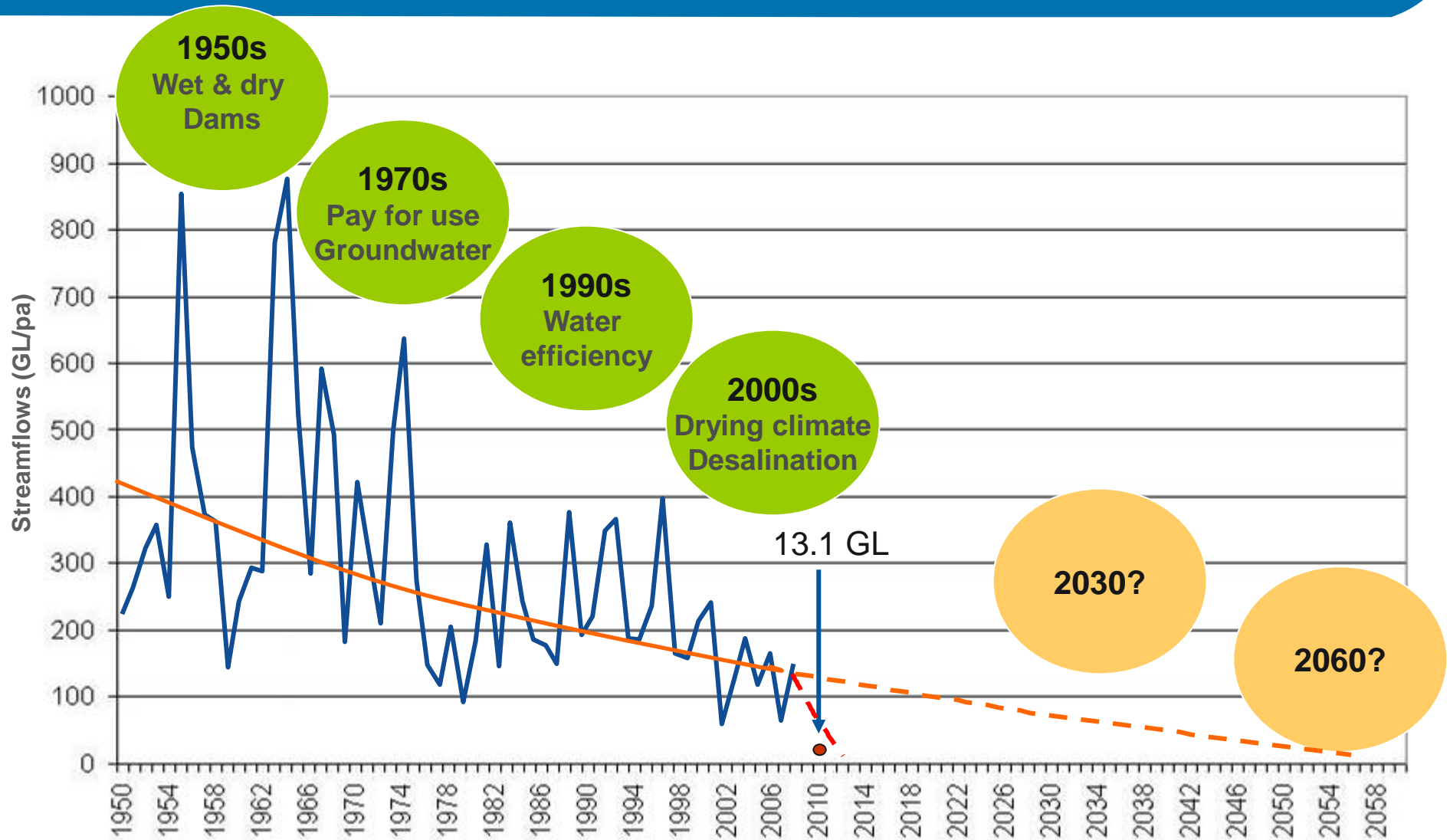
(Gigalitres per year)

Portfolio of new water options	Yields 2030	Yields 2060	Portfolio total
Reduce water use	74	102	176
Increase water recycling	39	48	87
Develop new sources	218	335	553
Total options to meet future supply – demand	331	485	816

Portfolio of options



Context for our long term planning



Dry season strategy – Target60

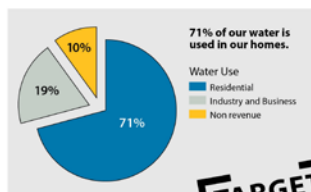
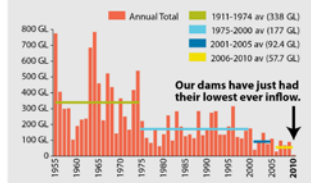
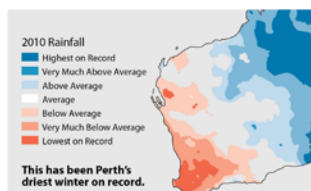
Perth is facing a major climate challenge.

Fact: We have just experienced our driest winter on record.

Fact: This year, we have had 13 giganlitres water flow into our dams – compared with an average of over 100 giganlitres each year over the past decade.

Fact: We urgently need to start 'banking' water now for next year. This is because after next winter, even with our second desalination plant in full flow and our groundwater plans in place, we will still need at least an additional 76 giganlitres to help avoid serious water restrictions next summer.

Fact: Perth households are by far the highest users of scheme water and therefore offer the greatest potential for savings. Last year, 71% of scheme water use was residential, compared with 19% for industry and business.



Help stop Perth drying out. **TARGET 60**

We all need to cut our water use by 60 litres a day.

This works out to be around 10% of our current daily use – and will help save around 13 billion litres of water over the coming months.

In turn, this will go towards the 76 billion litres we need to avoid serious water restrictions next summer.

Next year's rainfall will contribute to this total. However, since this is far from reliable, the community of Perth is being asked to do its bit – with everyone saving at least 60 litres of water each day.

These savings cannot be every now and then. They have to be every day.

How to achieve your 60 litre target.

Review.

Step 1 is to review how much water you currently use each day. To do this, simply check your last water bill and divide the average number of litres each day by the number of people living in your house.

Plan.

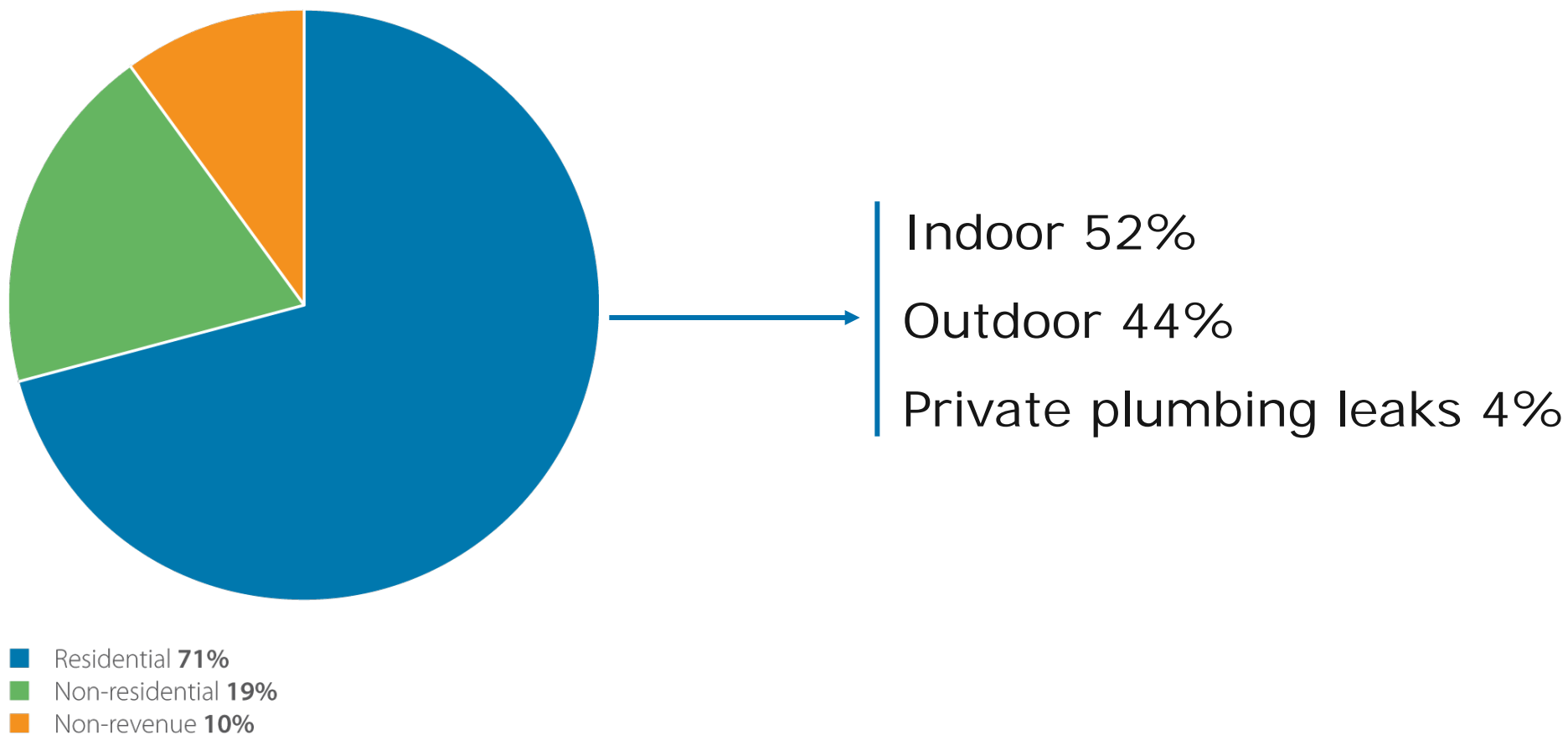
Step 2 is to sit down with the rest of your household and work colleagues to talk about where water savings can most easily be made. You'll be amazed at how much you can save with little or no impact on your lifestyle.

Action.

Step 3 is to prepare your personal Target 60 Plan and stick to it. You can download a Plan from our website. Take a few moments to fill it in and to calculate how you can commit to using 60 litres less water each day, in your home and workplace.



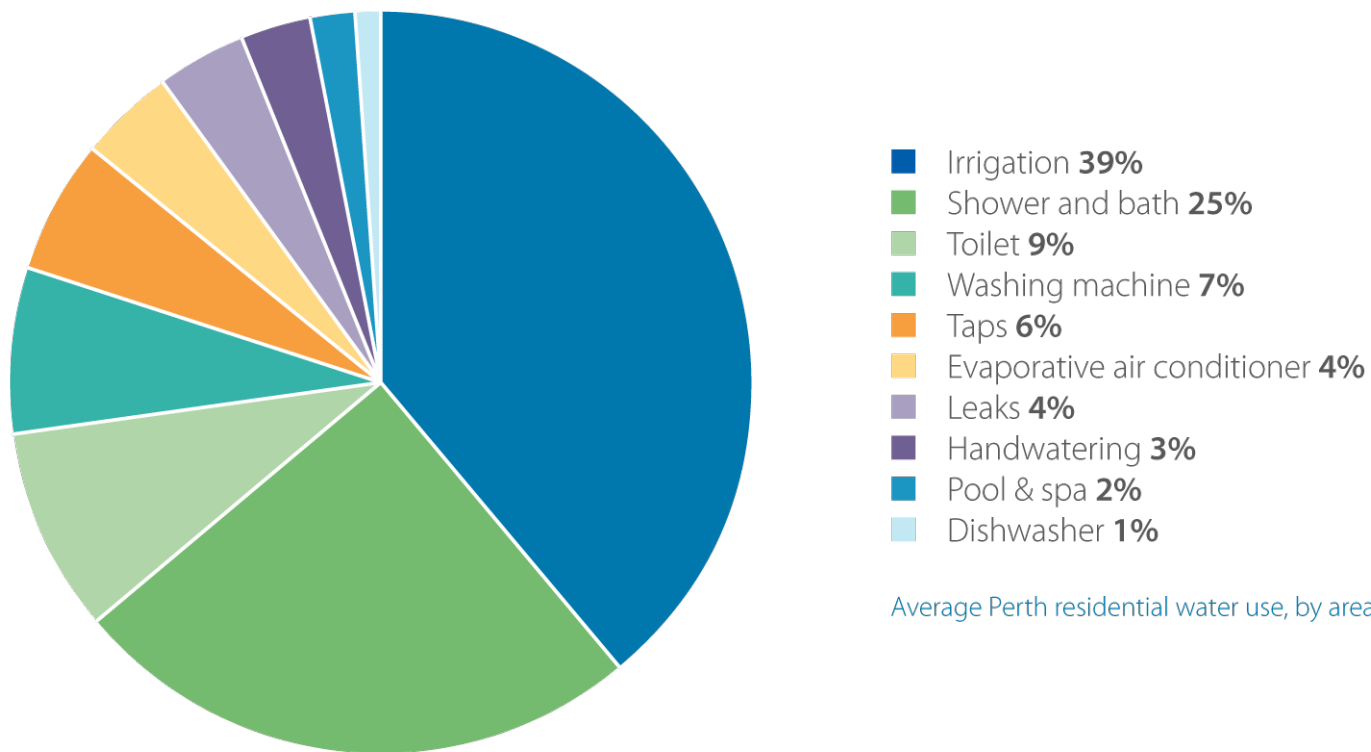
Overall residential use, Perth



■ Residential **71%**
■ Non-residential **19%**
■ Non-revenue **10%**

Scheme water use by sector

Average Perth residential scheme water use

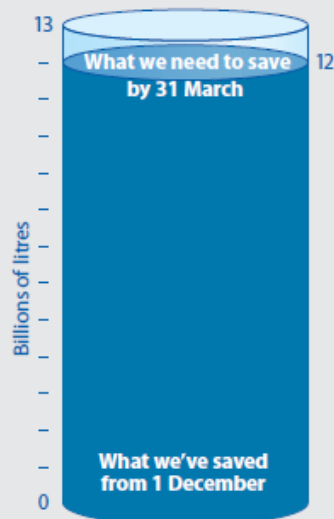
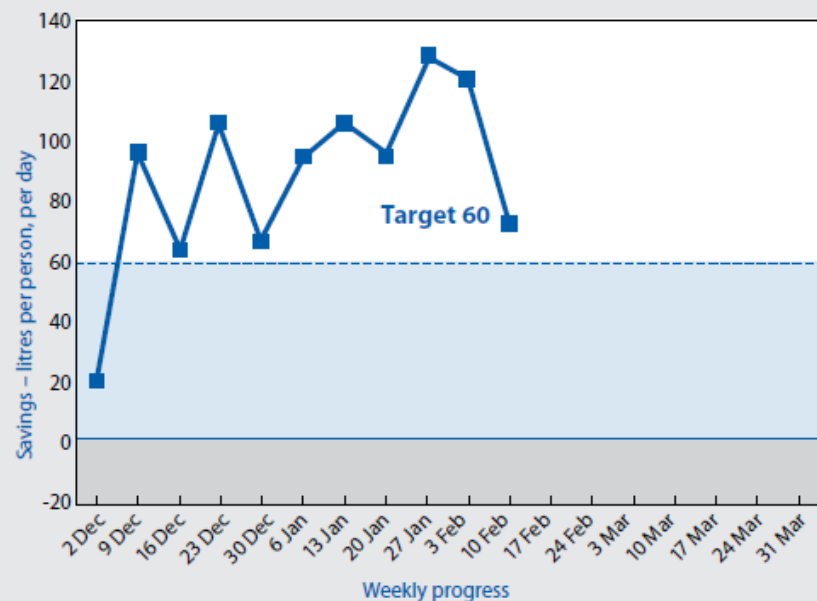


Average Perth residential water use, by area (%)

- Average total consumption – 277 kL/yr
- 106kL / person / yr

Target60 - progress to date


Good news ... we're on target.



This week, we've saved 73 litres per person per day, which has contributed an overall 12 billion litres of water since 1 December.

In Perth, householders are by far the highest users of scheme water and therefore offer the greatest potential for savings. Last year, 71% of scheme water use was residential, compared with 19% for industry and business.

To help save at least 60 litres of water per person per day, visit watercorporation.com.au and download your Target 60 plan.

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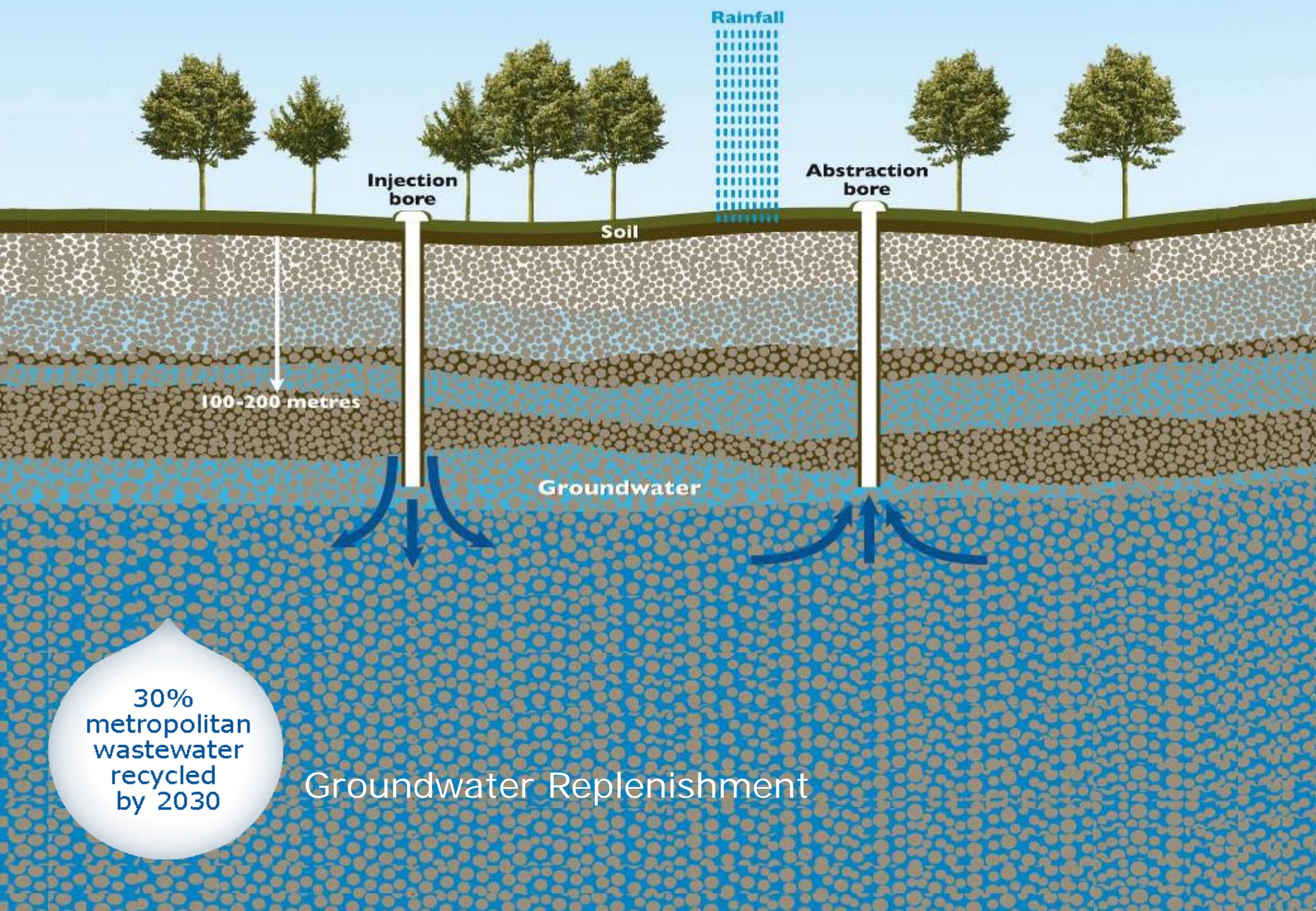


Showerhead exchange program

- Bunnings to supply and distribute showerheads
- 74,000 swaps in total
- Launched on 1 February 2011
- Brochures in Consumption and Annual Service Charge accounts



showerhead swap



30%
metropolitan
wastewater
recycled
by 2030

Groundwater Replenishment

Southern Seawater Desalination Plant - 2011



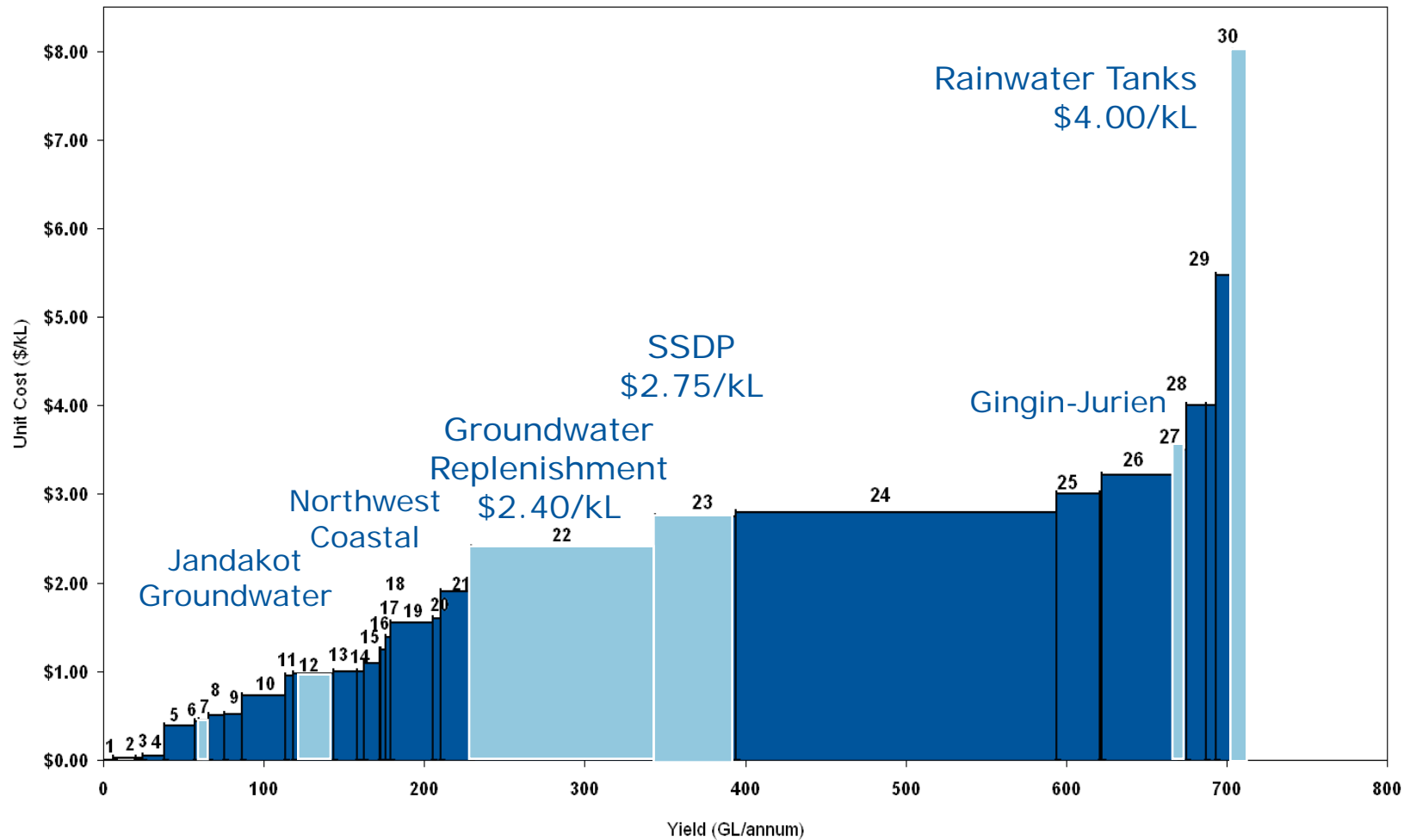
70 - 100
gigalitres of
additional
water by
2030

Integrated Water Supply Scheme

1993 - 2011



Cost and Yield



Summary – IWSS

- Serious but not a crisis
- Existing supplies sufficient for 2010/11
- Demand is the key



- Need to prepare for severe watering restrictions
- Essential in-house water needs guaranteed
- Major new source may be triggered (SSDP Stage 2)



Persuading others to share
your vision works best when
you issue an invitation