Water Availability & Delivery in the Lower Murray

DELWP Water and Catchments Group

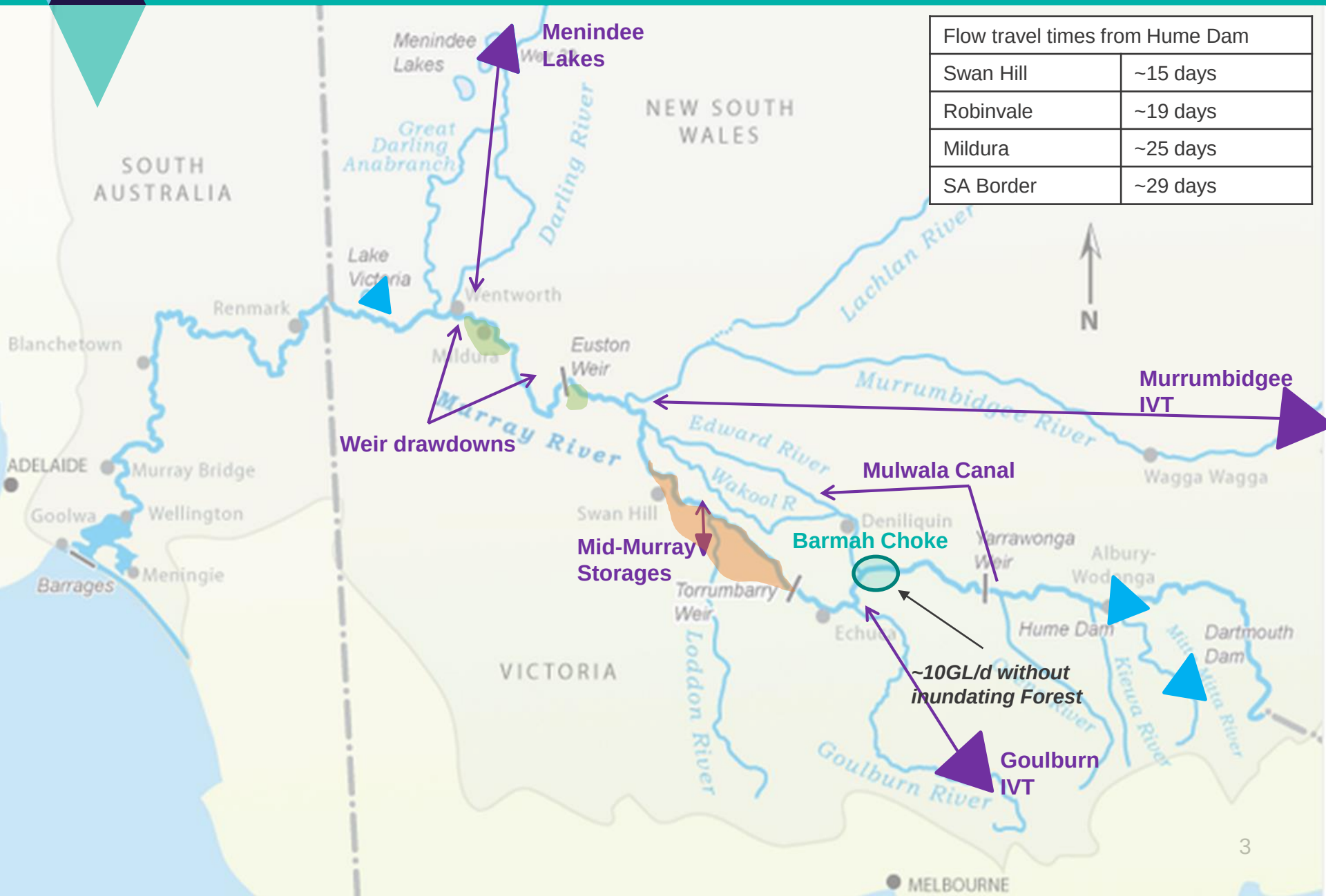
October 2018

VICTORIA State Government | Environment, Land, Water and Planning

Topics covered:

1. Water delivery risks
2. Water availability changes
3. Water market trends
4. Lower Murray Strategic Workplan

Managing delivery risks in the Murray



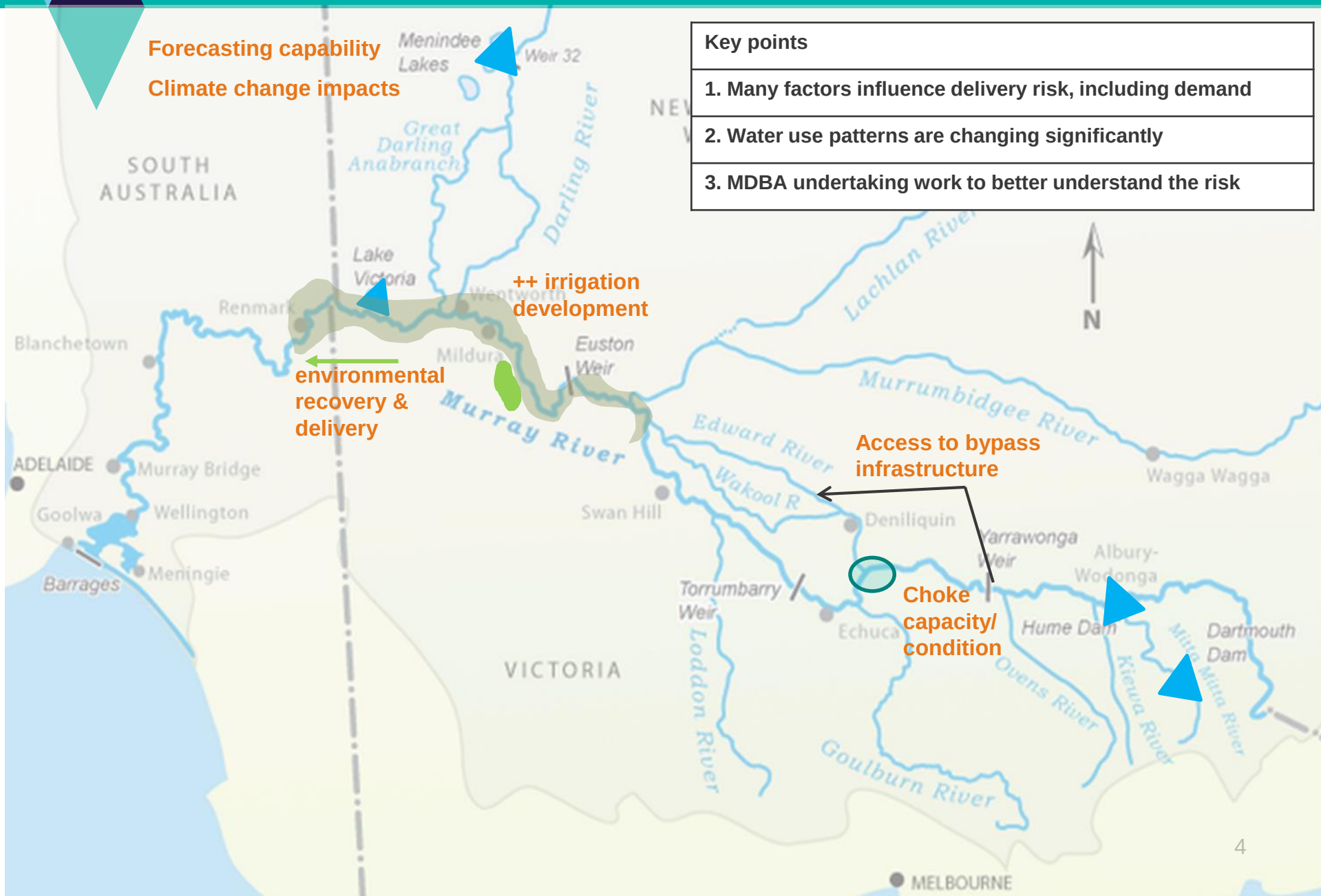
Flow travel times from Hume Dam	
Swan Hill	~15 days
Robinvale	~19 days
Mildura	~25 days
SA Border	~29 days

Changing water use patterns, capacity and climate

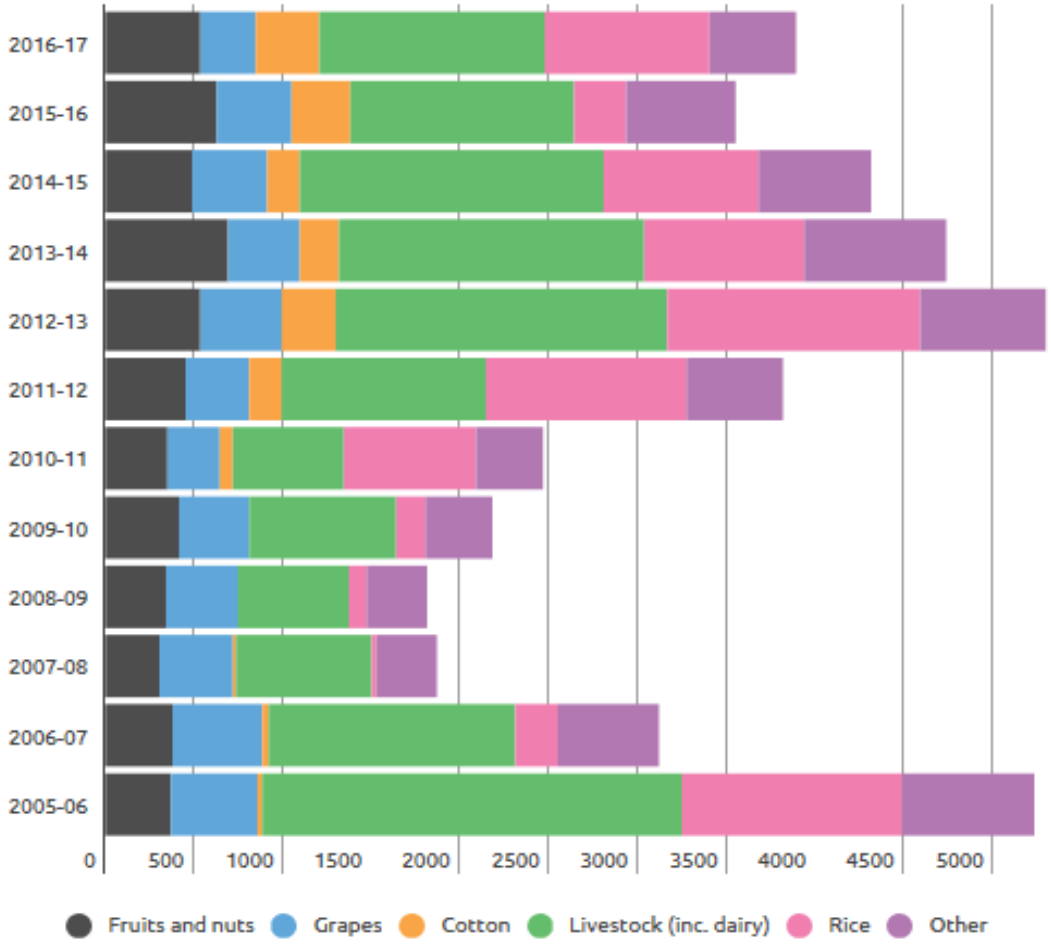
Forecasting capability

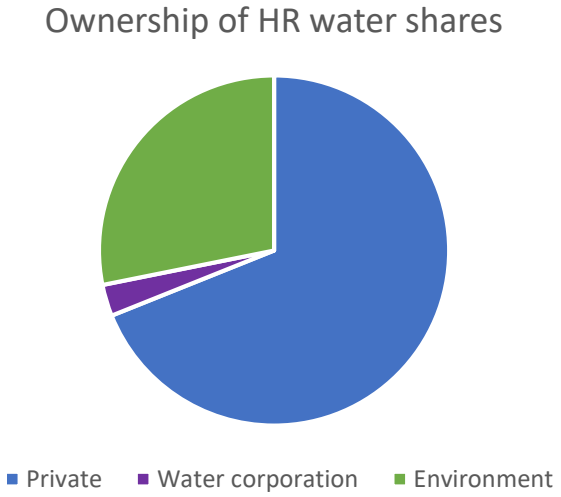
Climate change impacts

Key points
1. Many factors influence delivery risk, including demand
2. Water use patterns are changing significantly
3. MDBA undertaking work to better understand the risk

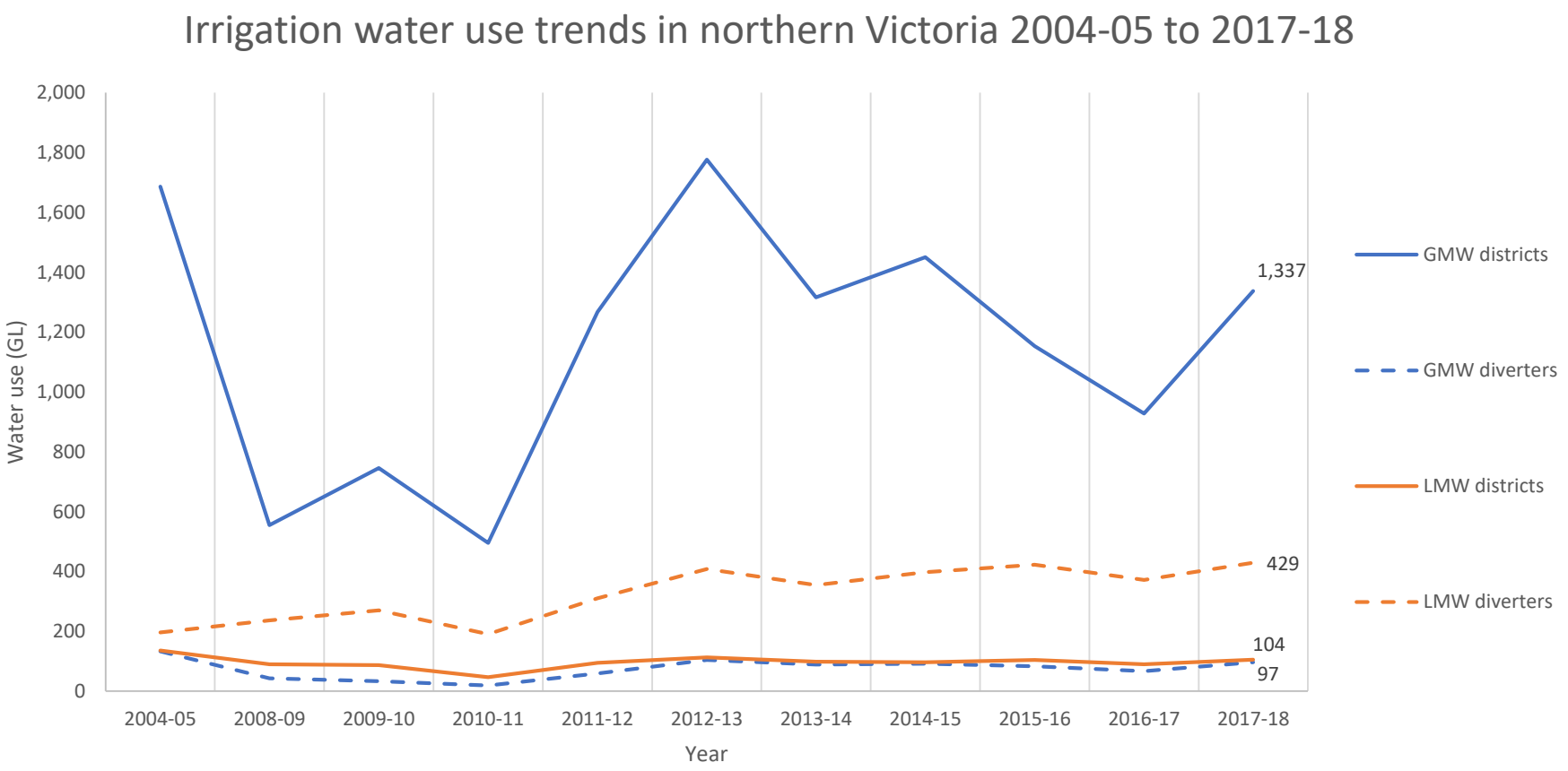


Water availability
Changing dynamics across the Basin

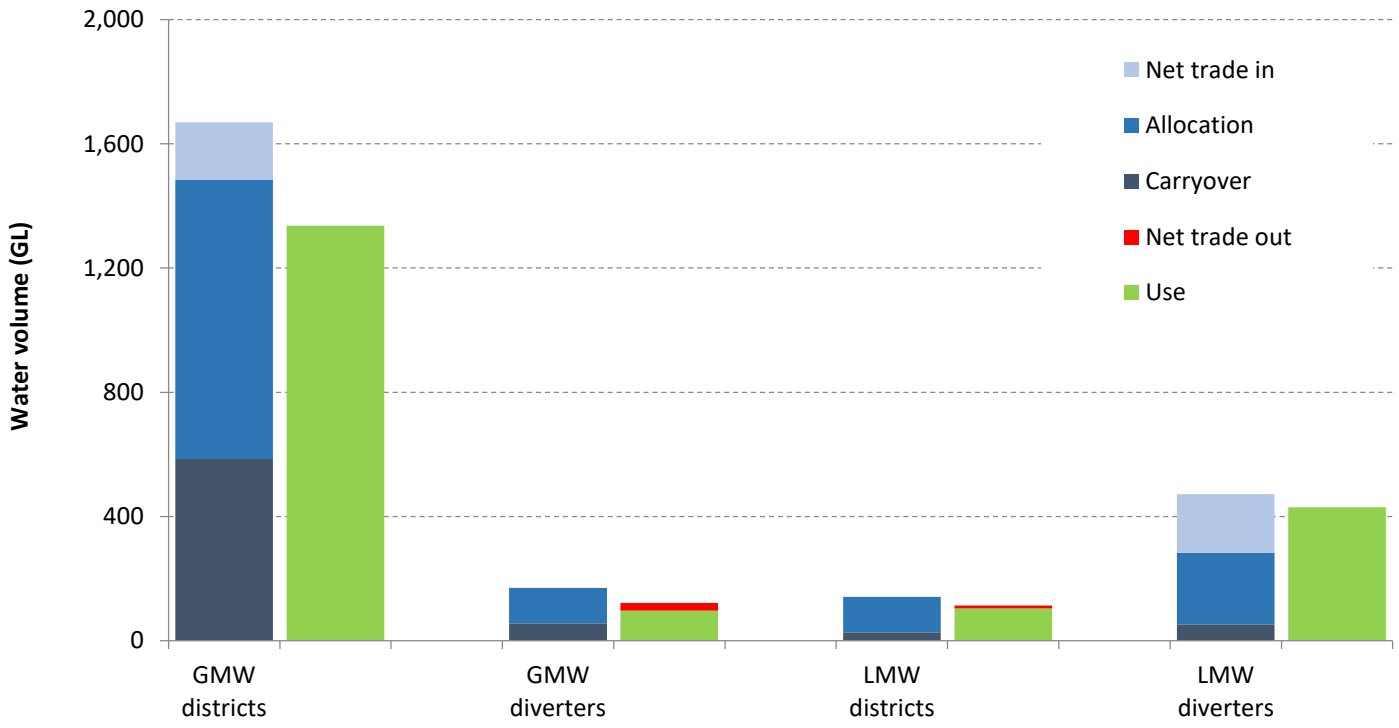




Water availability
Changing water use in northern Victoria



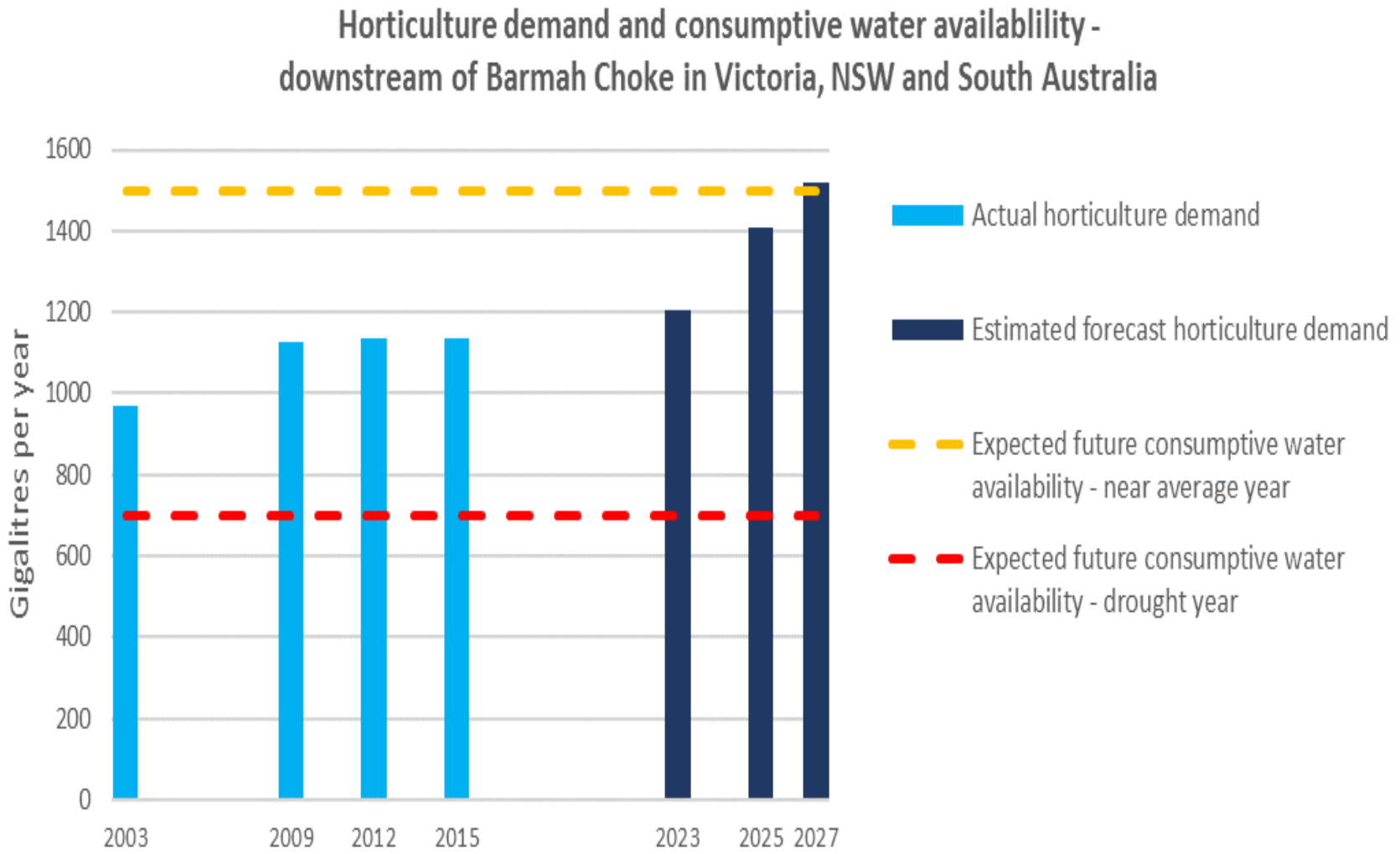
Where did irrigators source their water in 2017-18



Carryover into 2018-19

GMW districts	GMW diverters	LMW districts	LMW diverters
298 GL	**37 GL**	**18 GL**	**34 GL**

Water availability
Changing water use downstream of the Choke



Lower Murray Strategic Workplan

Communicating

- Information sharing- availability & delivery risk fact sheets & roadshows
- What you need to know this season
- Accessing information

Cross- jurisdictions

- Working together to make best use of all operational levers, e.g. Mulwala Canal
- MDBA modelling delivery risk & capacity
- Working at multiple levels – Basin Officials Committee, RMOC, Capacity Policy working group – on short-term preparedness and enduring arrangements

Victorian Policy & Management

- Deliverability policy & limits
- Contemporary market rules
- Compliance & enforcement
- Environmental water delivery
- District vitality & competitiveness

Sharing arrangements

- Operational planning for sharing at multiple levels – within water corporations, state level, basin level between states
- Interim preparedness and long-term policy responses