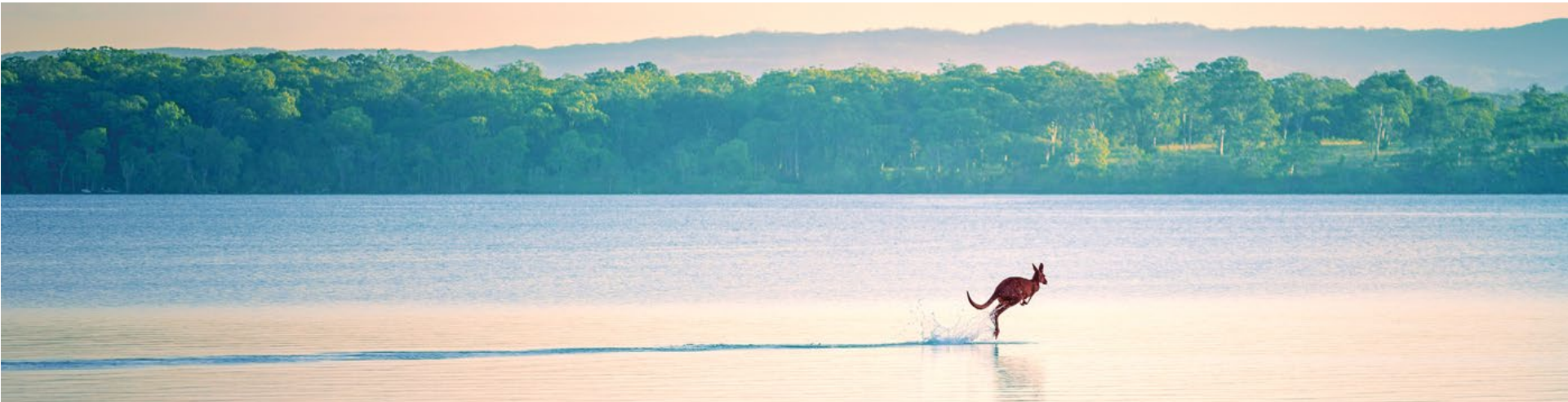


Core elements of Australia's transboundary water reforms

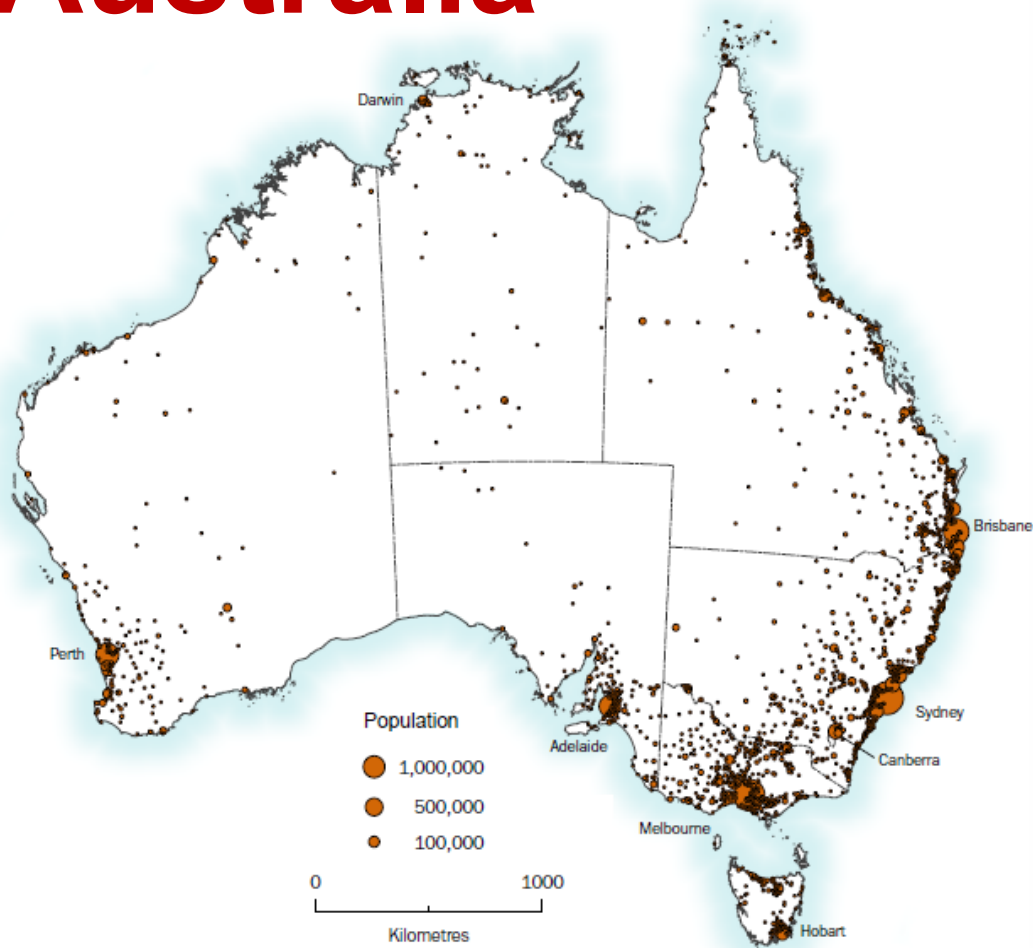
THE
AUSTRALIAN
WATER
PARTNERSHIP

Key points for sharing
@ Strengthening Preparedness & Resilience in South Asia's Transboundary River Basins
9 NOVEMBER 2020 – WEBINAR 1 – SESSION 1



Australia – water partners for development

Australia



~25 million people

Federation of 6 states + 2 territories

~7.7 million km²

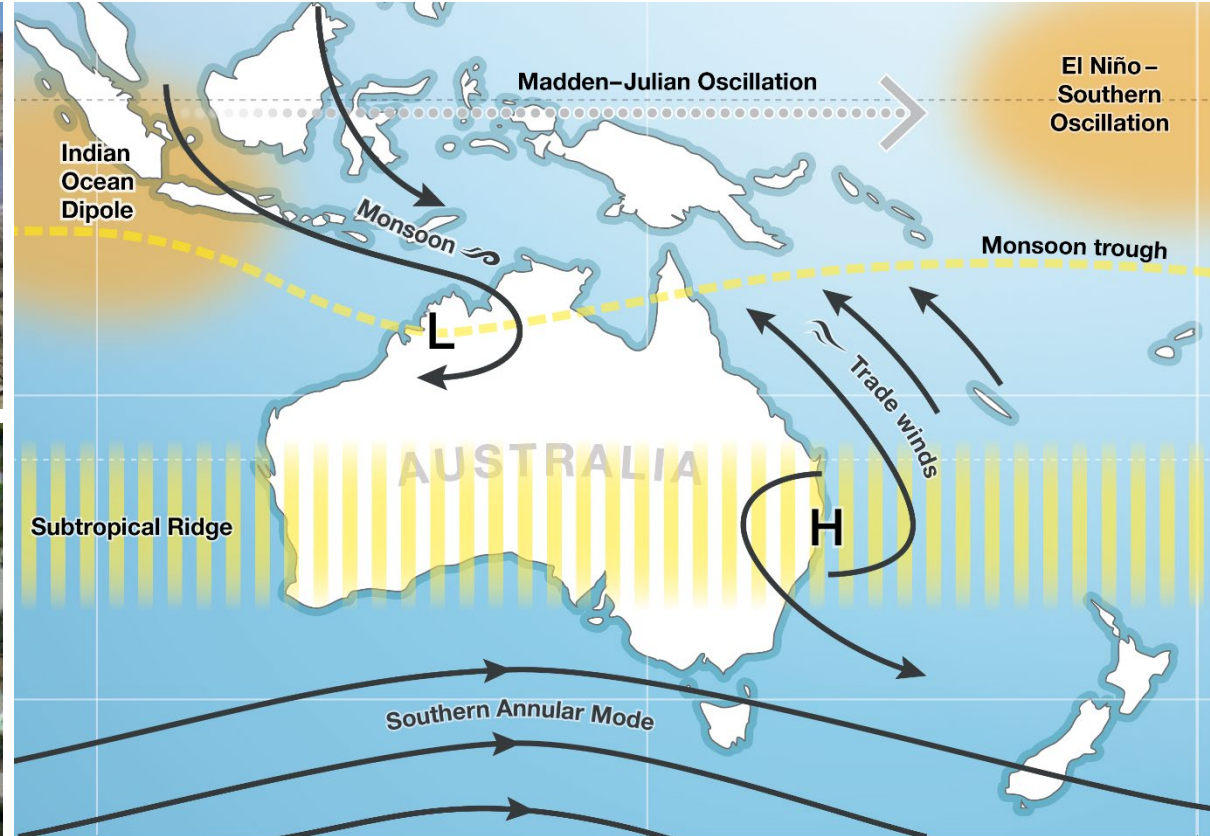
~90% urban

~60% in cities >1 million

GDP= US\$1,408 billion

GDP=USD\$56,000/capita

Highly variable climate and hydrology

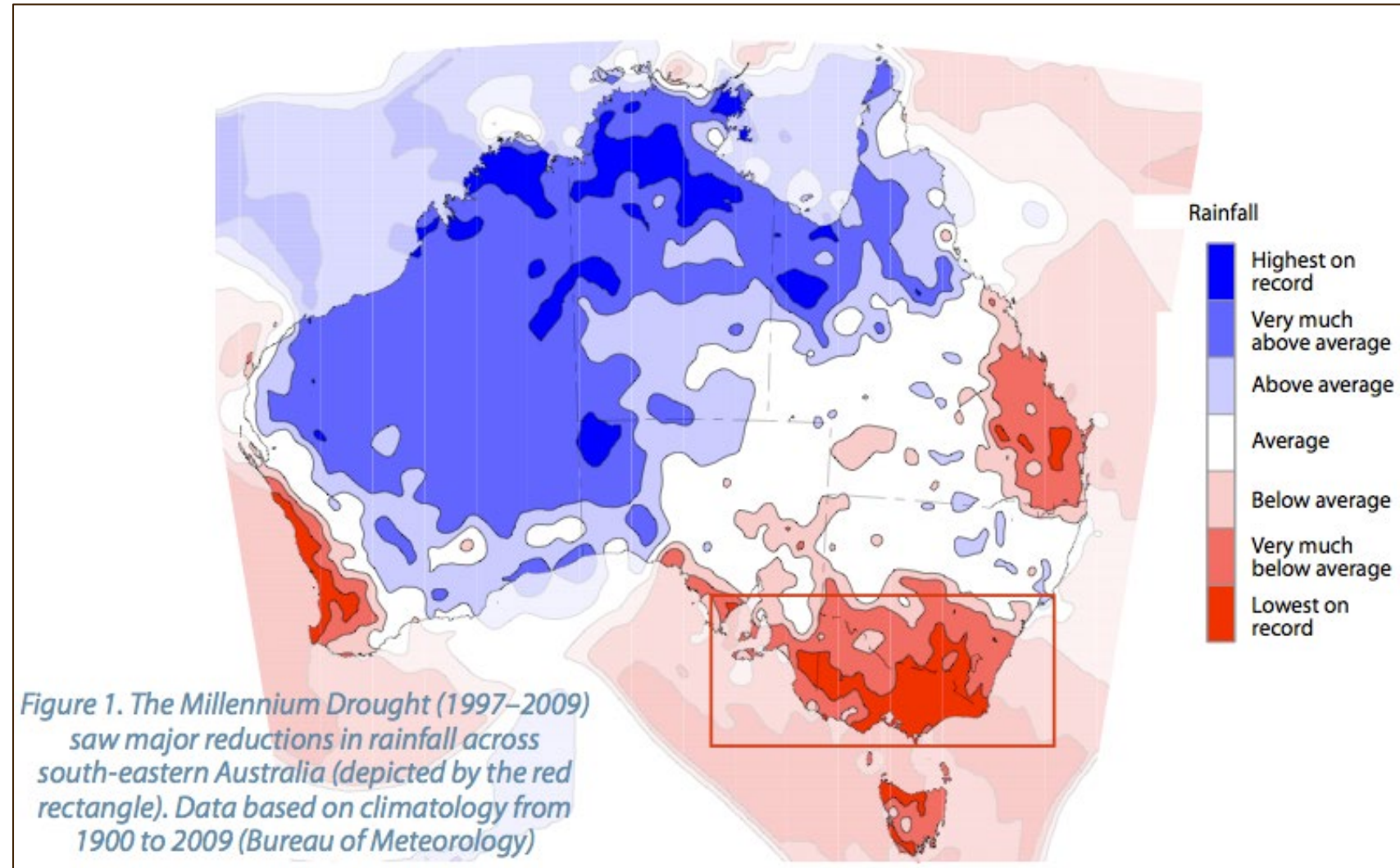


Millennium Drought 1997-2009

12 years

Our longest, most severe drought on record

- Equivalent to 'worst case' 2050 climate change scenario
- Outside the 'design bounds' of dam and river operations and entitlement systems



July 2019

News / Wild Weather

The one-in-120 year super drought



By Sonia Marinelli • Presenter | 10:49am Jul 24, 2019



Murray–Darling Basin













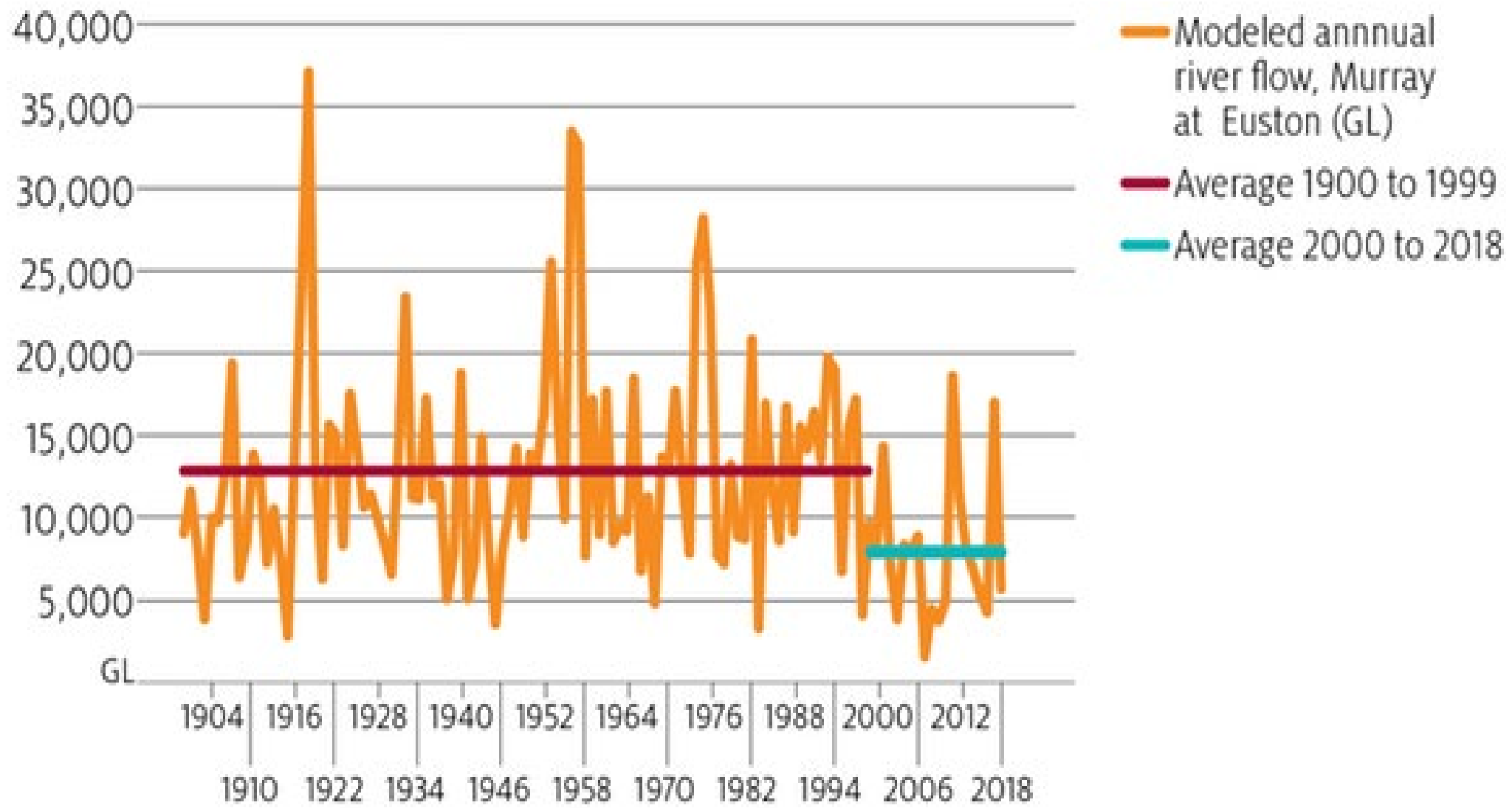








Declining flows 2000-2018



Core elements of Australia's intra-country transboundary water reforms

1. **National water initiative** – negotiated by all governments in Federation 2004
2. **Legislation** – Water Act 2007
3. **Entitlements and allocations** – requiring titles and measuring
4. **Transboundary River Basin Organisation** – Murray Darling Basin Authority 2007
5. **Sustainable Diversion Limits** – including environmental flows (*'buy-backs'*)
6. **Transboundary River Basin Plan** – basin & sub-basin water sharing plans
7. **Pricing** – transparent charging/fees for services and volumes
8. **Water trading** – 'markets' in some connected systems
9. **National water information system** – led by Bureau of Meteorology
10. **National hydrological modelling platform** – eWater Source
11. **Compliance** – new Inspector General of Water Compliance (*announced Sep 2020, legislation 2021*)

THANKYOU

Australian Water Partnership
<https://waterpartnership.org.au/>



Australia

water partners for development

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