

Innovative Private Sector Water Initiatives

Session: Outside the Fence: Industry's role in Ecosystem Management



Aither Pty Ltd, Water Foundry & Nestle Waters NA

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A I T H E R

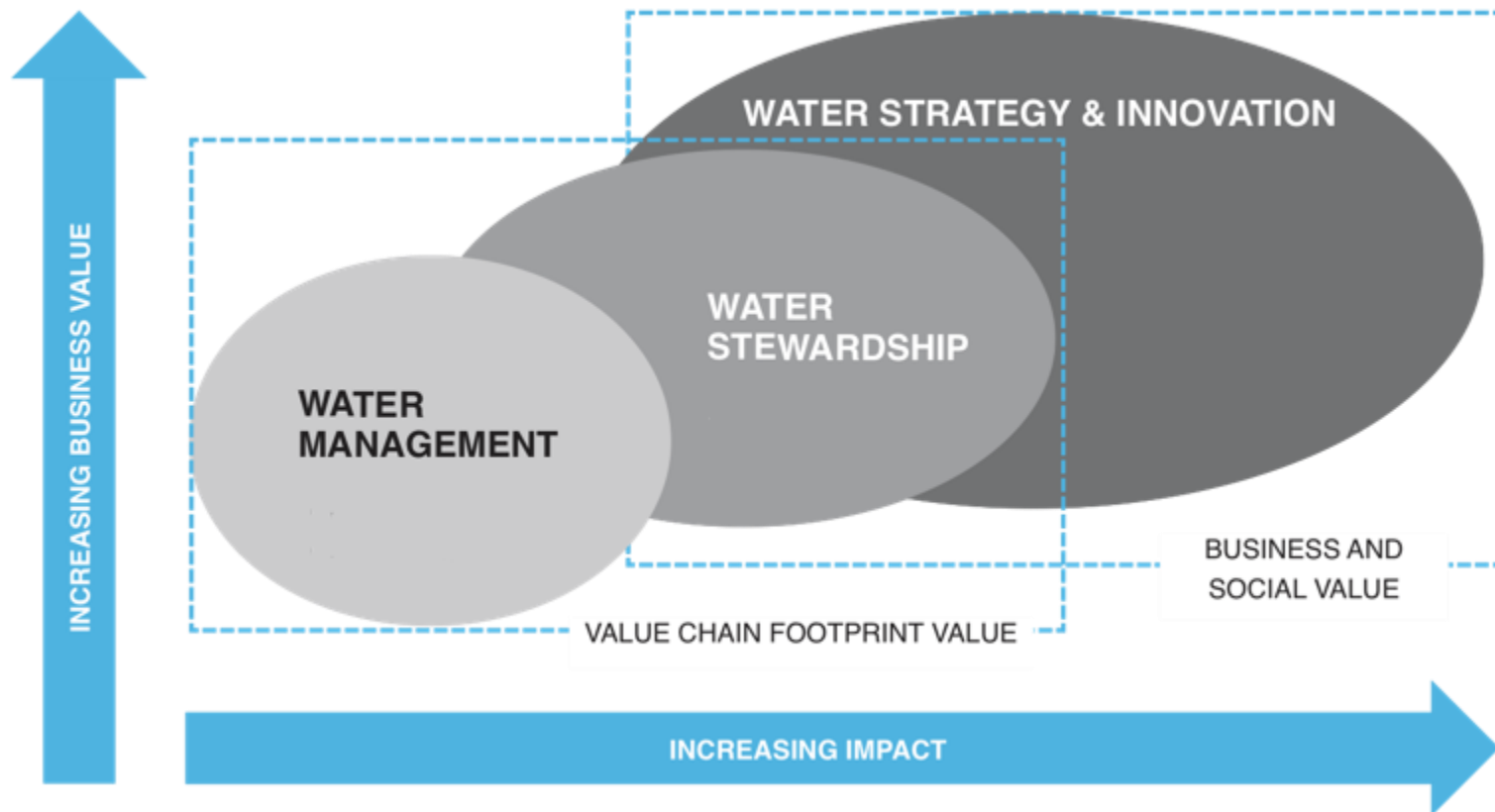
Presentation Overview

- Viewing water as a **risk and opportunity**
- Case for **business moving beyond** risk mitigation to pursuing water related opportunities
- Requires **engagement and action** in new areas
- **Two examples** that demonstrate innovation and engagement driving positive outcomes for business, ecosystems and communities



Taking Action

Getting smarter about increasing business value and impact



Taking Action

Getting smarter about increasing business value and impact

Areas of engagement

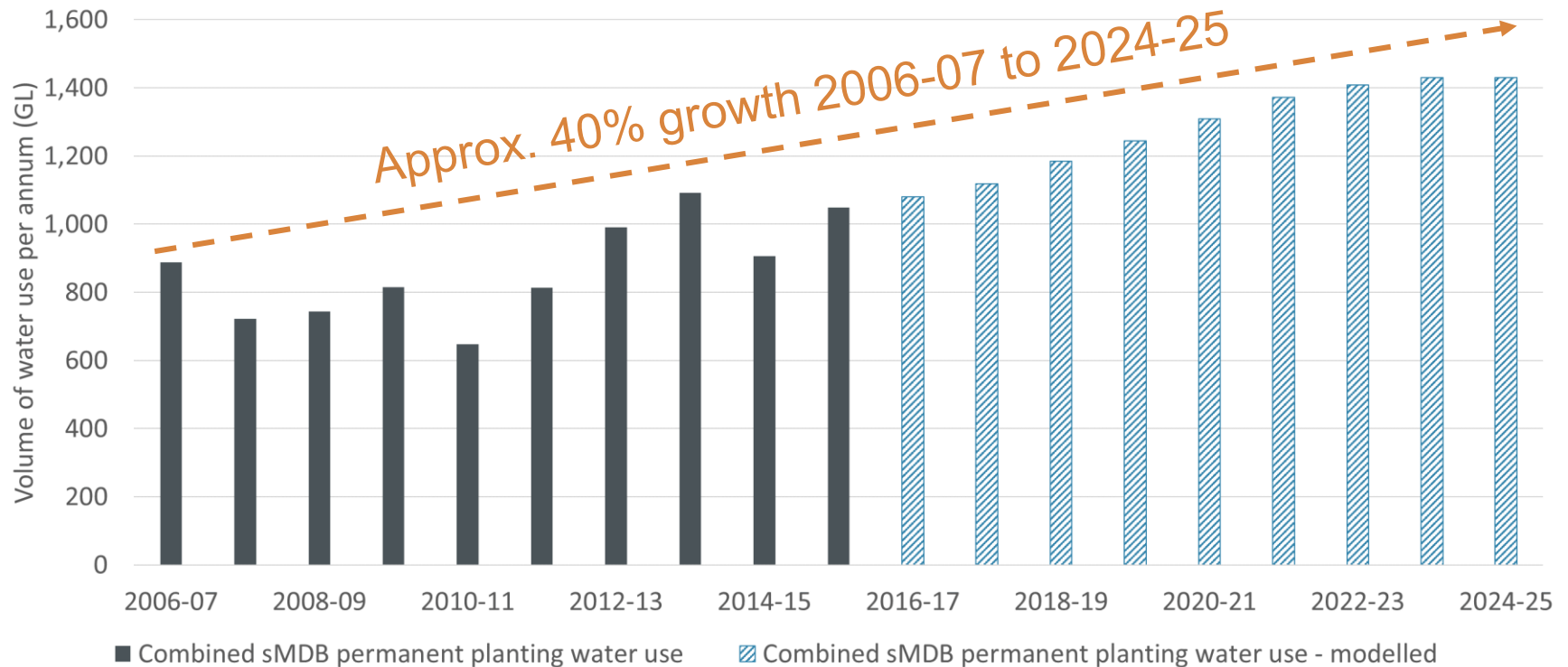
- Stakeholders vision and value of water
- Water availability and demand over time
- Water policy and management
- Water infrastructure
- Water markets and pricing



Benefits

- Water security
- Decreased costs
- Increased revenue
- Ecosystem health
- Economic growth

Trade facilitating growth in a fully utilised basin



Estimate of existing and planned permanent plantings by water use (GL) southern Murray-Darling Basin, 2006-07 to 2024-25

Source: Aither, 2018. Based on ABS 2017, Lower Murray Water 2017, Murrumbidgee Irrigation 2017, Coleambally Irrigation 2017 and ABA 2017.

Water portfolio options balancing risk & return

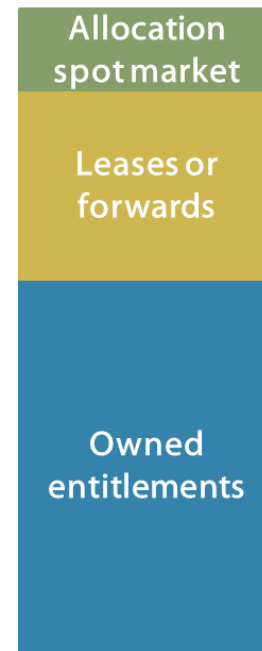
Market exposed
OPEX intensive



Light hedge



More hedge

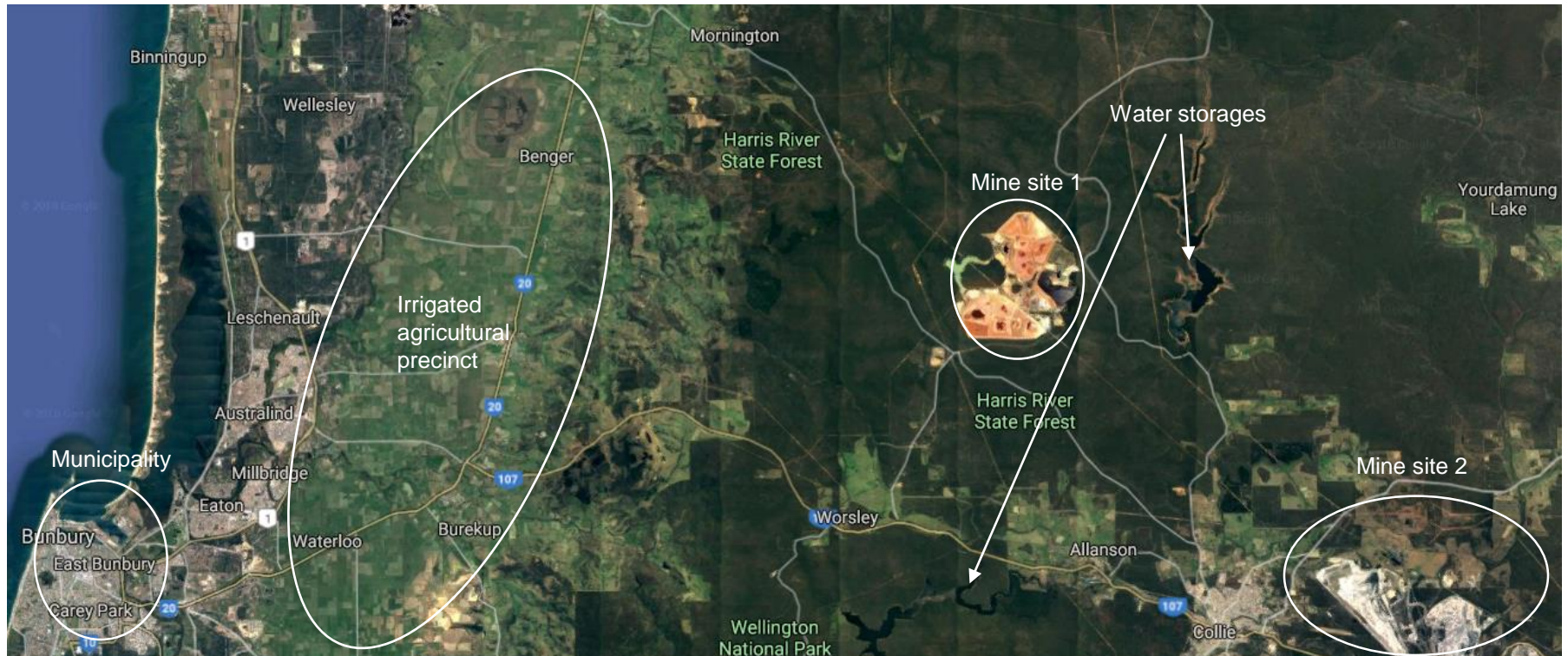


Conservative
CAPEX intensive



EXAMPLE 1: Making a market

A major global resources company is moving past legislative and policy limitations to address water scarcity by 'making a market' through leveraging technology and catchment partners



EXAMPLE 2: Watershed engagement

A North America-based beverage company has engaged with their stakeholders within their watersheds to address water conservation and security. The results include increased water conservation and improved social license to operate.



Certifying good water stewards

- First-ever comprehensive global standard for measuring responsible water use across social, environmental, and economic criteria
- Designed to help companies mitigate water risks (e.g. scarcity), improve efficiency, and address shared water challenges (e.g. drought, population growth) through stakeholder engagement

Actions at a watershed level

- Data & information gathering conducted at a watershed level for each facility
- Extensive stakeholder engagement (e.g. tour of operations, meetings, Q&A) performed with a cross-section of participants (e.g. NGOs, governmental officials, water agencies, businesses)
- Feedback evaluated against site concerns & Shared Water Challenges (SWC) identified.
- Risk and opportunities assigned to each SWC and a prioritized plan generated

Outcomes

The AWS Standard process highlighted success at the certified-sites including:

- Over 60M gallons of on-site water savings
- Participation with local water education programs (from elementary to college level)
- Partnership with local water agency to produce 250M gallons of potable water
- To date, the company has achieved 3rd-party certification at seven North America sites and will certify 100% by 2025.

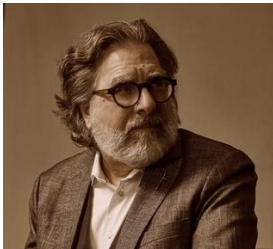
Thank You

A presentation by Aither, Water Foundry and Nestle Waters NA



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