

SUSTAINABILITY ASSESSMENTS

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Why sustainability?

- Rio Declaration and Agenda 21

Environmental

Economic

Social

Institutional?



How to achieve sustainability

- Embed the analysis within a resilient and procedurally just process

This must allow

Long term adaptive learning




We needed some principles

➤ Gibson Principles

➤ Environmental

- Biodiversity
- Energy Efficiency

Gibson principles socio-economic

- Long term economic health
 - Public water supply for future generations
 - Regional needs
 - Community wellbeing and heritage
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- The bottom right corner of the slide features a decorative graphic of several concentric, light blue circles that resemble ripples on water, set against the dark blue background.

Gibson principles strategic

- Facilitate the implementation of relevant government policies
- Climate change
- International competitiveness

Gibson principles: Process

- Precautionary principle
- Stakeholder engagement
- Accountability

Recommendations


1) Approve subject to

- SWY Monitoring and Review Group
- Adaptive Management
- Annual Sustainability Report
- Sustainability initiative fund to protect biodiversity

EPA Recommendations

- Independent Specialist Review Group
- DOW continue to review unused portions
- Annual environmental compliance group

EPA BUT

- 120 gigs not set in stone
 - If competition need to have formula between locals and Water Corp
 - Extension of Integrated Water Supply scheme
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Sustainability Assessments

- Need to continue and develop sustainability assessments



Lessons Learned

- Difficult with single proposal
- There is a need to balance analyses sometimes within professions (in this case economics)
- Sustainability analysis will never be precise-this is why institutions need to make adaptive learning succeed
- Perceptions of uncertainty and fairness underline many decisions and have to be negotiated through procedurally just processes