Implementation of SEEA in Australia

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## Timeline for environmental accounting in Australia

<table>
<thead>
<tr>
<th>Period</th>
<th>Events</th>
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<tbody>
<tr>
<td>1991-2000</td>
<td>- Greenhouse Gas emissions (Department of Environment)</td>
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<td></td>
<td>- Rio Earth Summit – Agenda 21 Environmental Accounting</td>
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<td></td>
<td>- SNA revision and 1st edition of SEEA (EC, IMF, OECD, UN, WB)</td>
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<td></td>
<td>- Natural resources on balance sheet (ABS)</td>
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<td></td>
<td>- Energy account (ABS)</td>
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<td>- Mineral account (ABS)</td>
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<td>- Environmental expenditure, local government (ABS)</td>
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<td>2001-2010</td>
<td>- Water account – Physical and Monetary Supply and Use (ABS)</td>
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<td>- Greenhouse gas emission accounts (ABS)</td>
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<td>2011-2015</td>
<td>- Land account – Great Barrier Reef (ABS)</td>
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<td></td>
<td>- Water account – Asset (BoM)</td>
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<td>- SEEA Central Framework (EC, FAO, IMF, OECD, UN, WB)</td>
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<td>- Completing the Picture (ABS) Environmental Taxes (ABS)</td>
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<td>- SEEA Experimental Ecosystem Accounting (UNSD)</td>
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<td>- Waste accounts (ABS)</td>
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<td>- Ecosystem accounts (Victorian Environment and Primary Industry)</td>
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<td>- Environmental Accounting Landscape (BOM)</td>
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<td>- Accounting for Nature (Wentworth Group)</td>
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<td></td>
<td>- Experimental Environmental Expenditure Accounts (EEA) (ABS)</td>
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<td>2016-now</td>
<td>- Experimental Ecosystem Account for Great Barrier Reef (ABS)</td>
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<td>- National Approach to Environmental Economic Accounting (DAWE)</td>
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<td>- Experimental National Land Accounts</td>
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</tbody>
</table>
Environment account development

Evolution of Accounts

ABS
Energy
Water
State Land
Ecosystems
Other agencies

Co-designed accounts
National Land
Oceans

Government
Experts

ABS

Business

Australian Bureau of Statistics Informing Australia’s important decisions
Design vs implementation

Data Sources → Accounts → Outputs → Change Agents → Outcomes

Design Process

Process Implementation

Australian Bureau of Statistics  Informing Australia’s important decisions
Push and Pull factors for SEEA in Australia

**Push factors (Supply)**
- Long history of Accounts
- New and emerging data sources and technologies
- Internationally accepted standards
  - SEEA Central Framework
  - SEEA Ecosystem Accounting

**Pull factors (Demand)**
- National Approach to environmental economic accounting (ministry view)
- Use of accounts for informing policy:
  - Land use, cover
  - Ecosystems and Biodiversity
  - Carbon and energy
  - Oceans
  - Waste
Thank you
Understanding your audience

Data users

Decision makers & wider public

Is there an issue?

Yes

Managers and analysts

Researchers

Indicators

Analysis

SEEA
Standard tables
Supplementary tables

Data items

Information

Headline indicators

Indicators on specific subjects or industries

Advice

Research