



Implementation of SEEA in Australia

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Australian Bureau of Statistics
Informing Australia's important decisions

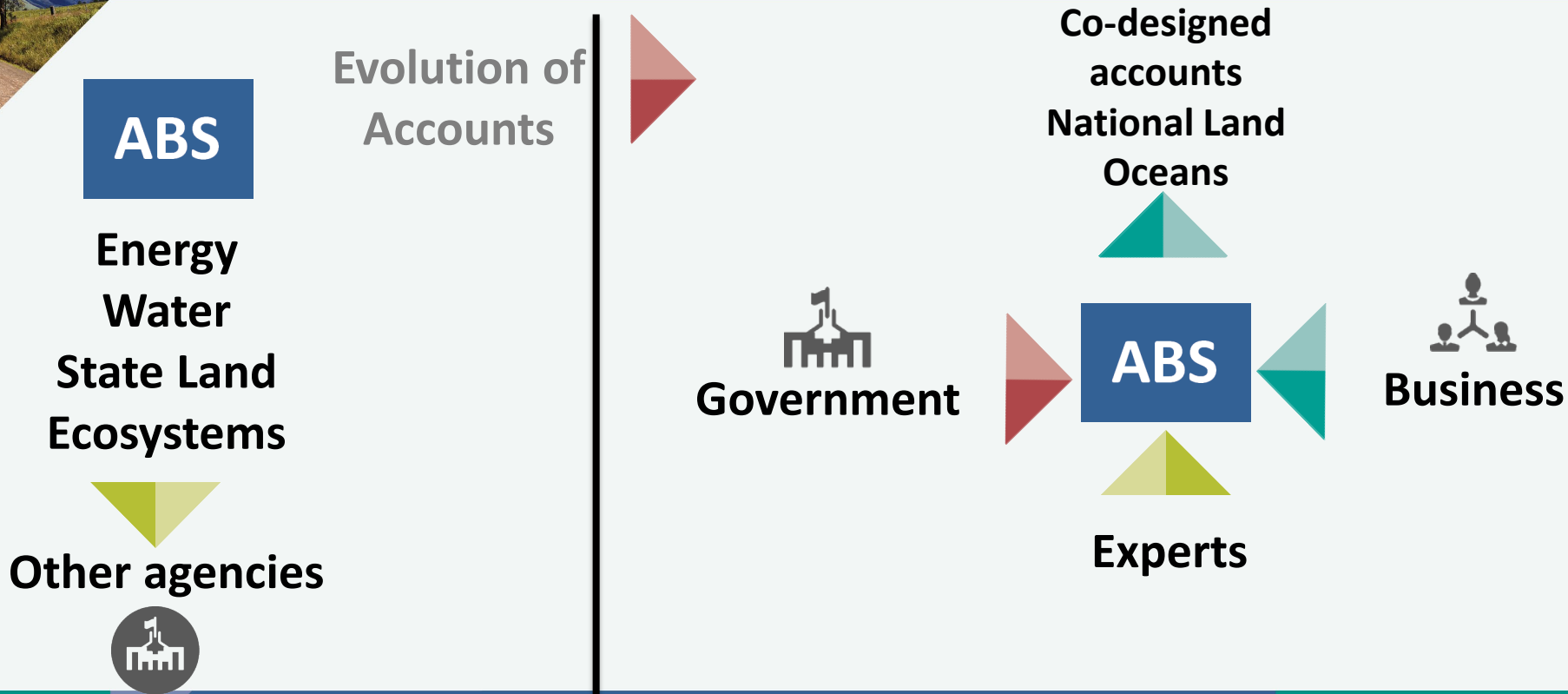


Timeline for environmental accounting in Australia

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

- a) ABS decision on priority
- b) Ministry and ABS decision on priority

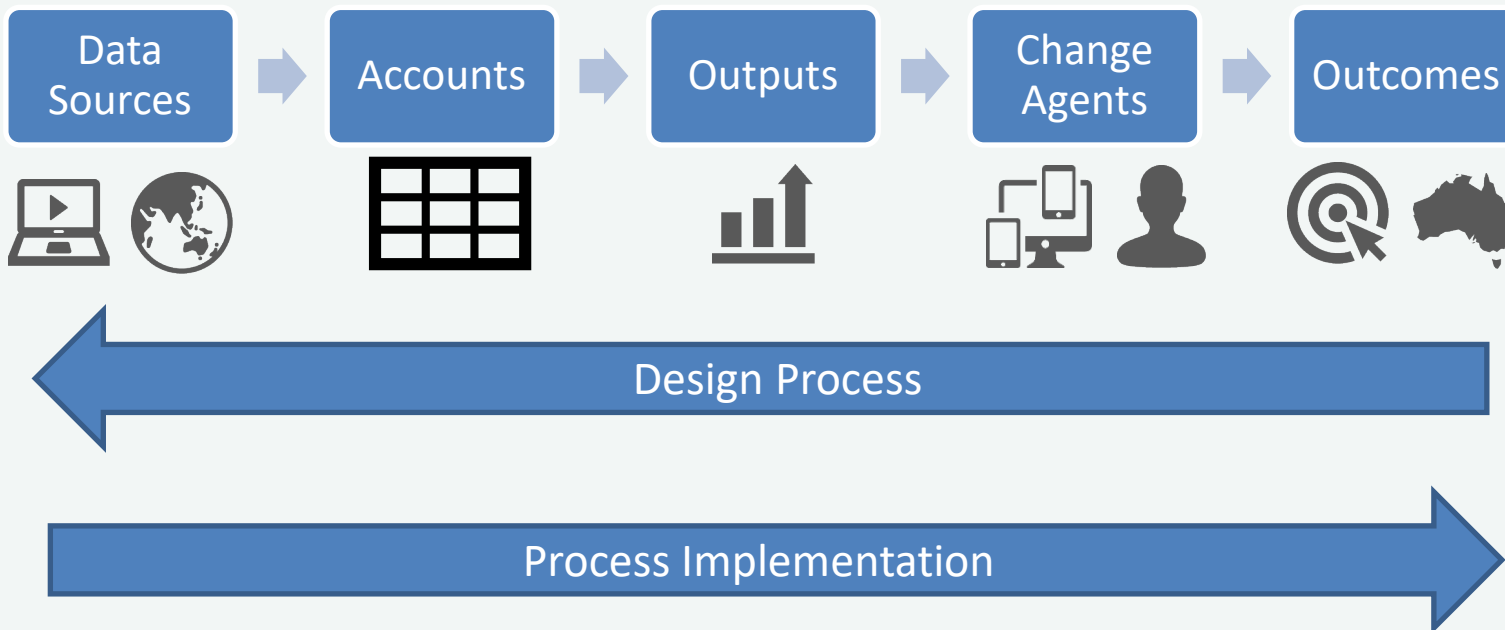
Environment account development



Example: Development of a Water Account

- ▶ 1993 SEEA, Draft SEEA-Water guidelines
- ▶ 2000 Water Accounts
 - ABS ‘told’ Ministry and sub national agencies
 - Data from a wide range of administrative sources
 - Modelled Supply and Use tables, water assets
- ▶ 2008+ water accounts
 - Survey based, supplemented with administrative sources
 - Interaction with Ministry, sub-national agencies (policy changes)
 - Competing Water Balances from Meteorological agency
- ▶ 2020+ water accounts
 - Shared data collection systems
 - Water ‘road map’, shared needs from government, business and science
 - Desire for regional accounts, extension of accounts to assets

Future of accounts



Thank you



Push and Pull factors for SEEA in Australia

- Push factors (Supply)
 - Long history of Accounts
 - Mixed use of these data
 - New and emerging data sources and technologies
 - Need to be cost effective
 - 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

Understanding your audience

