



# Core tables for water

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Regional Seminar on Developing an Implementation Strategy for the  
SEEA Central Framework in the Latin America

19-20 September 2013

Rio de Janeiro, Brazil



# Outline of presentation

- Reasons and mandate
- Building blocks for Core table 1
- Core table 1
- Core table 2
- Indicators



## Reasons and mandate

- Core tables provide concise, highly relevant information
- Information is key to deriving indicators and aids in developing evidence based public policies
- UNSC at its 44<sup>th</sup> session urged UNCEEA to develop a core set of tables and accounts
- Water is a key resource; there is a high demand from many developed and developing countries for water accounts
- Two core water tables are proposed



# Building blocks to table 1

- Core table 1 is composed of 3 major blocks
- First block shown below—contains information on physical supply and use of water
- Information is part of the physical supply and use table for water which contains more details
- Codes correspond to data items from IRWS

	Industries (by ISIC categories)							Rest of the world	Taxes less subsidies on products, trade and transport margins	Actual final consumption			Total
	ISIC 01-03	ISIC 05-33, 41-43	ISIC 35	ISIC 36	ISIC 37	ISIC 38,39, 45-99	Total industry			Households	Government	Capital Formation	
<b>6. Supply of water</b> (Millions m3)	F+H	F+H	F+H	F+H	F+H	F+H	F+H	G.2+G.4				F+H+G2+G4	
Supply of water to other economic units	F	F	F	F	F	F	F	G.2+G.4				F+G2+G4	
Total returns	H	H	H	H	H	H	H					H	
Losses	I	I	I	I	I	I	I					I	
<b>7. Use of water</b> (Millions m3)	E+G	E+G	E+G	E+G	E+G	E+G	E+G	F.2+F.4				E+G+F.2+F.4	
Total Abstraction	E	E	E	E	E	E	E					E	
<i>of which:</i> Abstraction for own use	E.a	E.a	E.a	E.a	E.a	E.a	E.a					E.a	
Use of water received from other economic units	G	G	G	G	G	G	G	F.2+F.4				G+F.2+F.4	



# Building blocks to table 1

- Second block shown below—contains information on supply and use for water products in monetary terms
- Information is part of the monetary supply and use table for water which contains more details
- National accounts data can be used to populate table to the extent possible

	Industries (by ISIC categories)							Rest of the world	Taxes less subsidies on products, trade and transport margins	Actual final consumption			Total
	ISIC 01-03	ISIC 05-33, 41-43	ISIC 35	ISIC 36	ISIC 37	ISIC 38,39, 45-99	Total industry			Households	Government	Capital Formation	
<b>1. Supply of water products</b> (Currency units)													
Natural water	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1		M.1.1.1- [N.1.1.1+N.1.2.1]				L.1.1+M.1.1.1- [N.1.1.1+N.1.2.1]
Sewerage services	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2		M.1.1.2- [N.1.1.2+N.1.2.2]				L.1.2+M.1.1.2- [N.1.1.2+N.1.2.2]
<b>3. Intermediate consumption and final use</b> (Currency units)													
Natural water	L.4	L.4	L.4	L.4	L.4	L.4	L.4						
Sewerage services	L.5	L.5	L.5	L.5	L.5	L.5	L.5						
Other products													
<b>4. Gross value added</b> (Currency units)													



# Building blocks to table 1

- Third block contains monetary information on water related assets
- Information is relevant for a more complete understanding of the investment needs in the water sector

	Industries (by ISIC categories)							Rest of the world	Taxes less subsidies on products, trade and transport margins	Actual final consumption		Capital Formation	Total
	ISIC 01-03	ISIC 05-33, 41-43	ISIC 35	ISIC 36	ISIC 37	ISIC 38,39, 45-99	Total industry			Households	Government		
<b>8. Gross fixed capital formation</b> (Currency units)													
For water supply	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1						P.1.1
For water sanitation	P.1.2	P.1.2	P.1.2	P.1.2	P.1.2	P.1.2	P.1.2						P.1.2
<b>9. Closing Stocks of fixed assets for water supply</b> (Currency units)	O.1.1	O.1.1	O.1.1	O.1.1	O.1.1	O.1.1	O.1.1						O.1.1
<b>10. Closing Stocks of fixed assets for water sanitation</b> (Currency units)	O.1.2	O.1.2	O.1.2	O.1.2	O.1.2	O.1.2	O.1.2						O.1.2



## Core table 1-putting it all together

	Industries (by ISIC categories)							Rest of the world	Taxes less subsidies on products, trade and transport margins	Actual final consumption			Total
	ISIC 01-03	ISIC 05-33, 41-43	ISIC 35	ISIC 36	ISIC 37	ISIC 38,39, 45-99	Total industry			Households	Government	Capital Formation	
<b>1. Supply of water products</b> (Currency units)													
Natural water	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1	L.1.1		M.1.1.1-[N.1.1.1+N.1.2.1]				L.1.1+M.1.1.1-[N.1.1.1+N.1.2.1]
Sewerage services	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2	L.1.2		M.1.1.2-[N.1.1.2+N.1.2.2]				L.1.2+M.1.1.2-[N.1.1.2+N.1.2.2]
<b>2. Total supply of products</b>													
<b>3. Intermediate consumption and final use</b> (Currency units)													
Natural water	L.4	L.4	L.4	L.4	L.4	L.4	L.4						
Sewerage services	L.5	L.5	L.5	L.5	L.5	L.5	L.5						
Other products													
<b>4. Gross value added</b> (Currency units)													
<b>5. Employment</b>													
<b>6. Supply of water</b> (Millions m3)													
Supply of water to other economic units	F+H	F+H	F+H	F+H	F+H	F+H	F+H	G.2+G.4					F+H+G.2+G.4
Total returns	F	F	F	F	F	F	F	G.2+G.4					F+G.2+G.4
Losses	H	H	H	H	H	H	H						H
<b>7. Use of water</b> (Millions m3)													
Total Abstraction	I	I	I	I	I	I	I	F.2+F.4					E+G+F.2+F.4
<i>of which:</i> Abstraction for own use	E	E	E	E	E	E	E						E
Use of water received from other economic units	E.a	E.a	E.a	E.a	E.a	E.a	E.a						E.a
<b>8. Gross fixed capital formation</b> (Currency units)													
For water supply	G	G	G	G	G	G	G	F.2+F.4					G+F.2+F.4
For water sanitation	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1	P.1.1						P.1.1
<b>9. Closing Stocks of fixed assets for water supply</b> (Currency units)													
<b>10. Closing Stocks of fixed assets for water sanitation</b> (Currency units)													
<b>11. Water consumption</b> (Millions m3)													



## Core table 1

- Countries can start by compiling information that is most policy relevant and focus on the any of building blocks to core table 1 if information on other building blocks is not readily available
- Core tables are flexible in that if more detailed information is required, rows/columns can be further disaggregated as necessary.







# Indicators

- Core tables contain the necessary information for deriving numerous indicators on water
  - Total renewable water resources
  - Total abstractions by industry
  - Intensity of use of water resources
  - Water productivity/intensity indicators
  - Investments in water infrastructure