

National Administrative Department of Statistics – DANE

Directorate of Synthesis and National Accounts

Colombia **Environmental Economic Accounting**

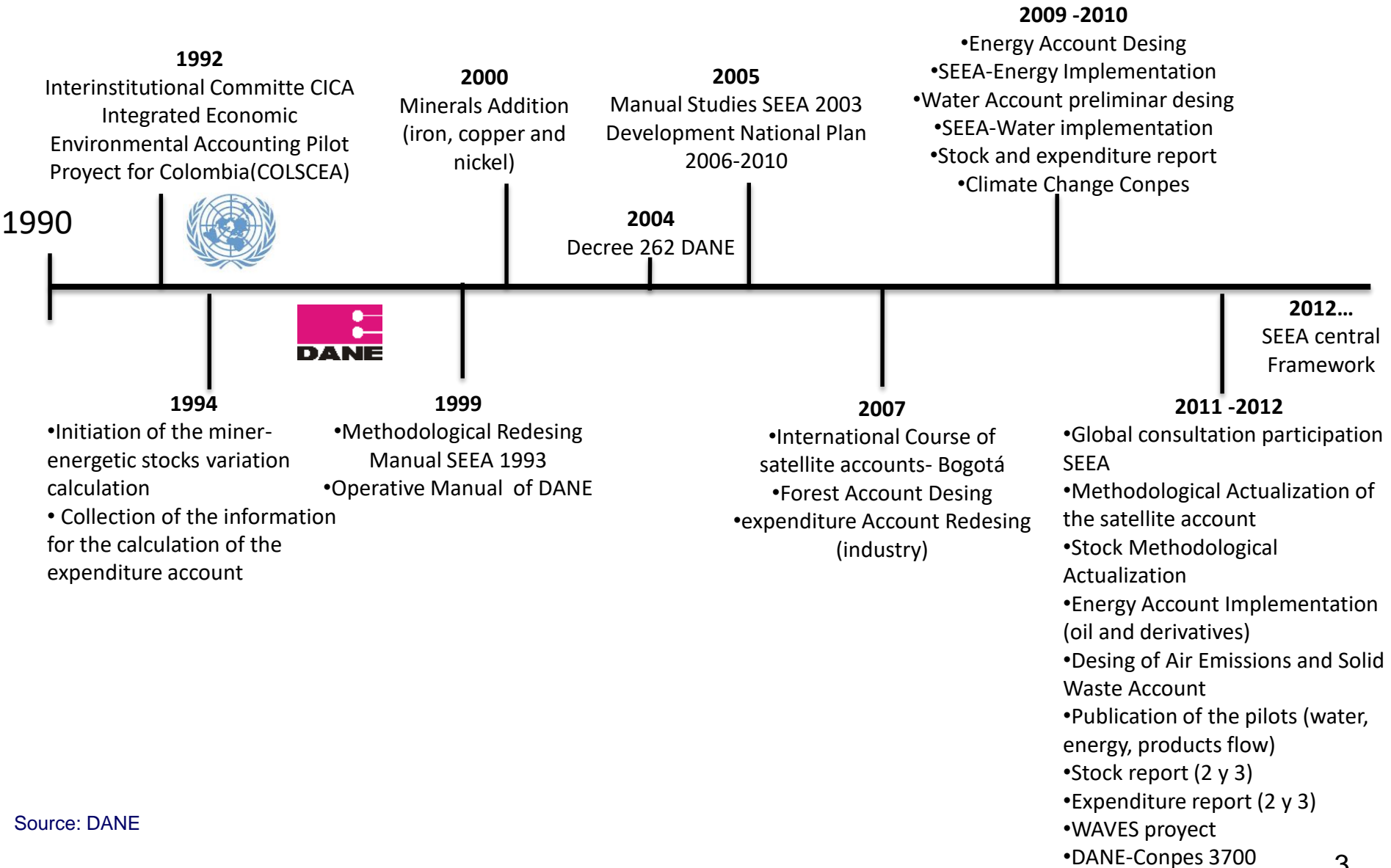
14 june 2012

Content

- Evolution of the environmental economic accounting in Colombia.
- Institutional arrangement and mapping of the existent information for the elaboration of the accounts.
- Diffusion of the environmental economic accounts.
- Advances of the environmental economic accounts.
- Progress and challenges of implementing the SEEA in Colombia.
- Ecosystem Accounts: Project WAVES.



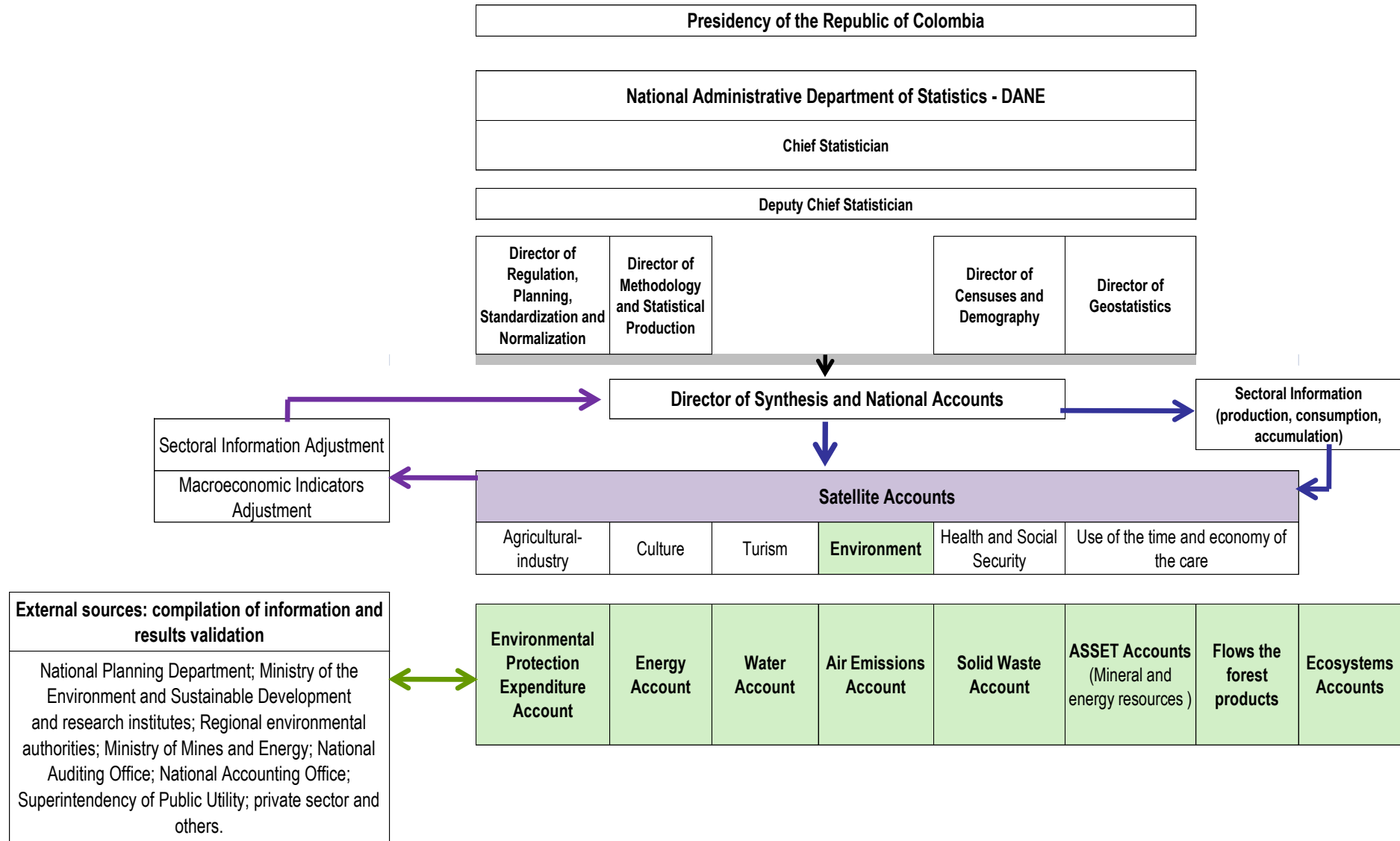
Evolution of the Environmental Economic Accounting in Colombia




Source: DANE



Institutional arrangement



 Registro de Usuarios

 Información DANE

Demográficas

Económicas

Sociales

Geoestadística

Cuentas Nacionales

- Cuentas Anuales
- Cuentas Trimestrales
- Cuentas Departamentales
- Cuentas Satélite
- Temas Ambientales**
- Investigaciones especiales

Nomenclaturas

Planificación Estadística

 De Interés

Sala de prensa

Código de Buenas Prácticas

Mapa del sitio

Enlaces

Fondane

Encuestas de Satisfacción

Cuentas económico - ambientales



Las Cuentas Económico-Ambientales, a través de cuadros monetarios y físicos, permiten describir las interrelaciones existentes entre la economía y el medio ambiente, con el fin de apoyar la formulación de políticas públicas. Para ello, cuantifica los fenómenos de deterioro y mejoramiento del medio ambiente; los gastos destinados a la conservación, mitigación, protección del medio ambiente y, a su vez, determina la variación en el estado de los recursos naturales.

Antecedentes

Generalidades conceptuales

Ejercicios Piloto

En este espacio serán presentados los ejercicios pilotos de avance en la implementación de las cuentas ambientales; los cuales constituyen una aproximación al marco de la contabilidad ambiental económica

Agua

Flujos del agua (PDF)

Matriz utilización hogares (xls)

Matriz utilización industria manufacturera (xls)

Rute: http://www.dane.gov.co/index.php?option=com_content&view=article&id=69&Itemid=87

Advances of the environmental economic accounts

National Statistics System

- Sectoral groups for Identification and diagnosis of needs
- Statistics operations planification
- Quality asegurament
- Statistic regulation

Implemented Environmental Economic Accounts

1. Environmental Protection Expenditure Accounts

1.1 Government:

- Income generation at current prices and production account 2009p
- Account of capital at current prices 2009p
- Total expenditure at environmental protection according to purpose at current prices 2009p
- Indicator of government environmental protection expenditure over GDP 2009p

Advances of the environmental economic accounts

Implemented Environmental Economic Accounts

1. Environmental Protection Expenditure Accounts

1.2 Industry:

- Income generation at current prices and production account 2009p
- Account of capital at current prices 2009p
- Total expenditure at environmental protection according to purpose at current prices 2009p

2. Assets Accounts (Stocks) Miner Energetic Resources:

- Physic Account of oil, gas and coal stock 1994 – 2010p
- Physic Account of iron, copper and nickel stock 2000 – 2010p

Advances of the environmental economic accounts

Environmental Economic Accounts at implementation phase (pilots)

Physic Flow Accounts (from the environment to the economy and inside the economy)

Water:

Matrix of utilization for the prioritized sectors at the manufacturing industry (2007-2009p) and households (2005 – 2009p)

Energy:

Supply Matrix– Utilization of physic and monetary flows for oil and natural gas 2005 – 2008

Forestry:

Supply Matrix– Utilization of physic and monetary flows for timber products 2000 – 2009p

Advances of the environmental economic accounts

Accounts at conceptual and methodological construction

Physic flow accounts (from economy to the environment)

Residues (solid, liquids and air emissions)

- Conceptual Framework of the residues flow account (solid, liquids and air emissions) and it's relation with the other accounts.
- Tables of correspondence between economic activity, productive process type, product and type of pollutant, according to the classifications ISIC, CCP, y nomenclatures National Accounts base 2005, SNAP/CORINAIR and others.

Advances of the environmental economic accounts

Projects

✚ **CEPAL:** “Strengthening of the national capacity's in statistics and water accounts for the generation of policies based on evidence” 2011 – 2012.

Waited Products:

- Water statistics diagnosis
- National strategy for Water account development
- Document for the technical viability for the construction of the water account

✚ **CONPES 3700:** “Institutional strategy for the articulation of policies and actions at climate change in Colombia”.

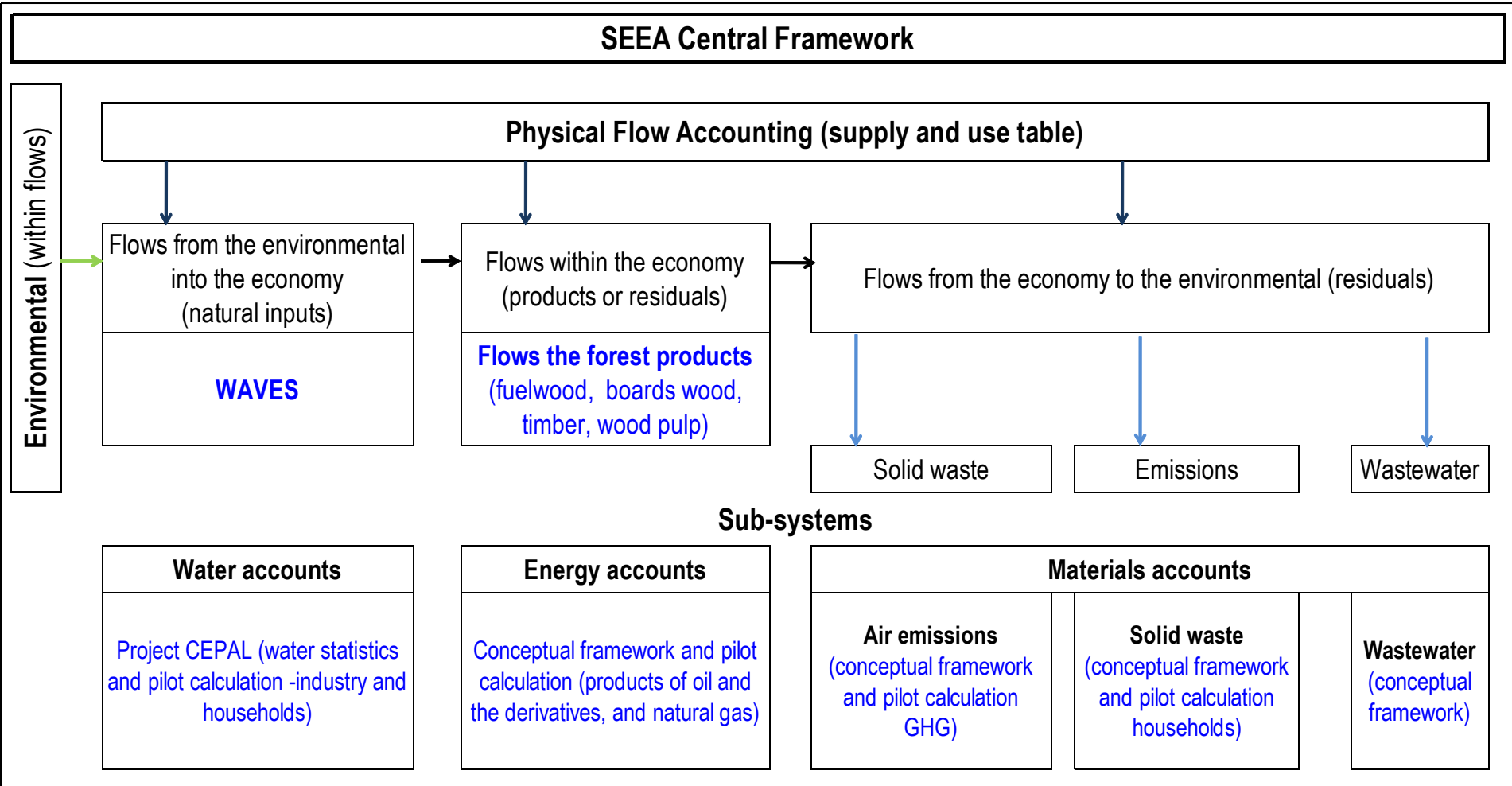
- Production of statistic information at climate change
- Air Emission Accounts for making decisions

✚ **Project WAVES**

- Methodology line for Ecosystem Accounts
- Analysis and adjustment of macroeconomic indicators



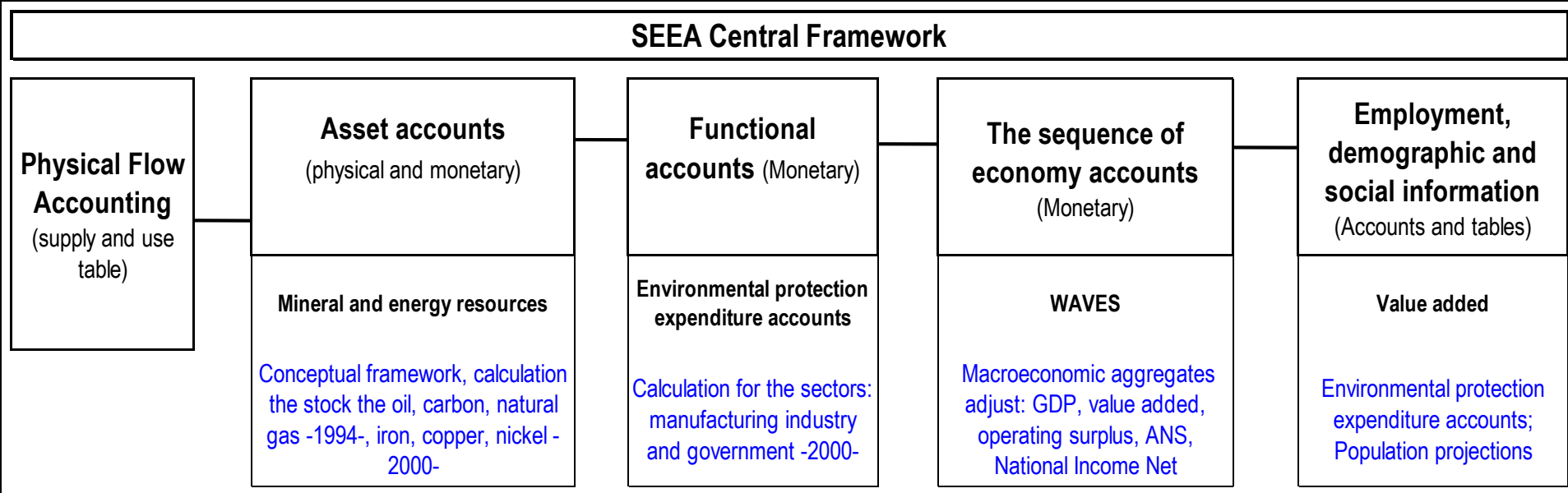
Progress and challenges of implementing the SEEA in Colombia



Source: DANE

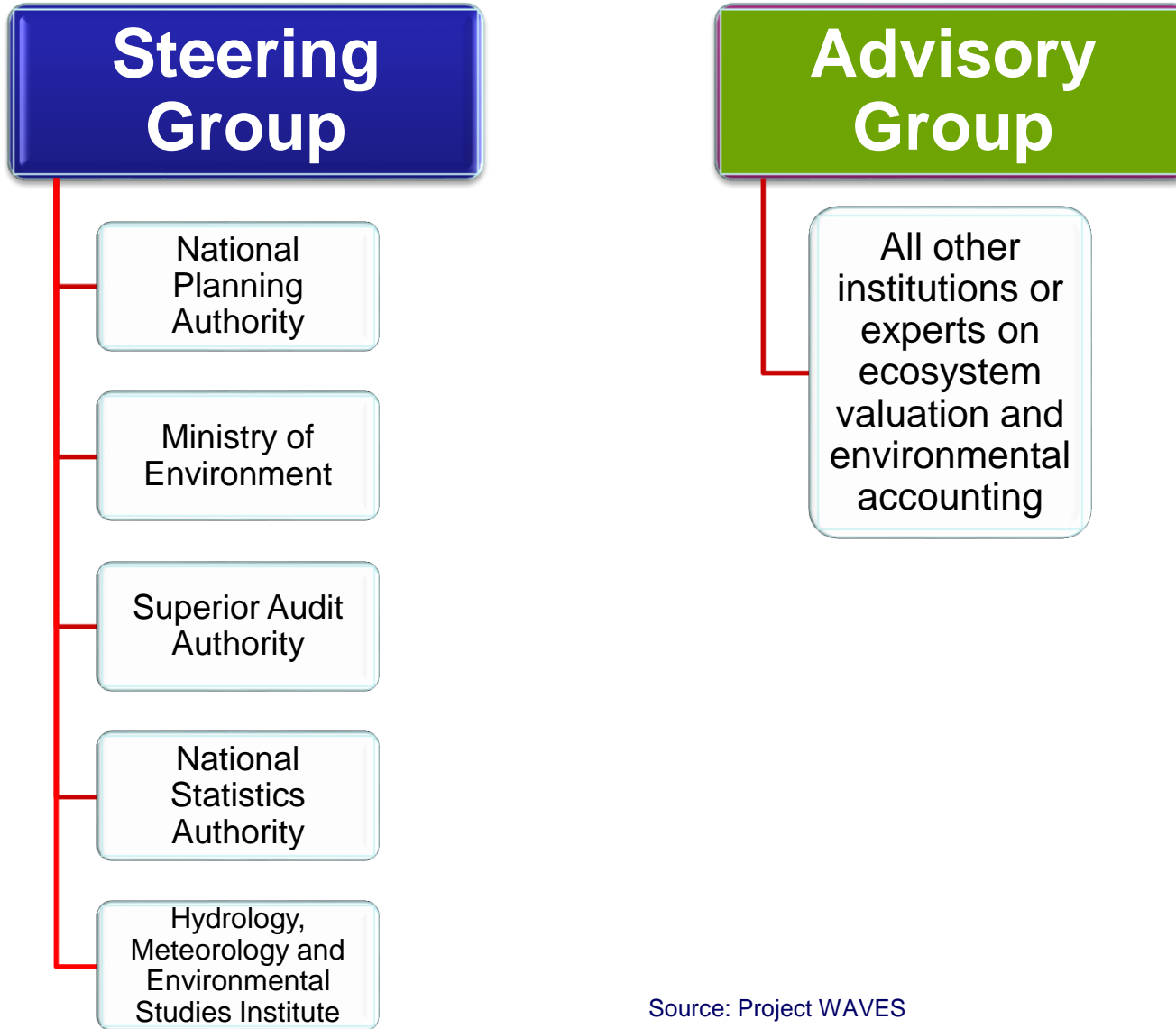


Progress and challenges of implementing the SEEA in Colombia



Source: DANE

Ecosystem Accounts: Project WAVES



Source: Project WAVES

Contact

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