



# WAVES FOR DEVELOPMENT

Stig Johansson, Program Manager WAVES  
Environment Global Practice  
World Bank

6 March 2017



Wealth Accounting and the Valuation of Ecosystem Services  
[www.wavespartnership.org](http://www.wavespartnership.org)



# What is WAVES about

*WAVES is a World Bank led global partnership that aims to mainstream natural capital in policy, development planning and economic decision-making.*

WAVES helps countries put in place capacity and systems that generate comprehensive, consistent and policy-relevant information on the value, use and contribution of natural capital in the economy.

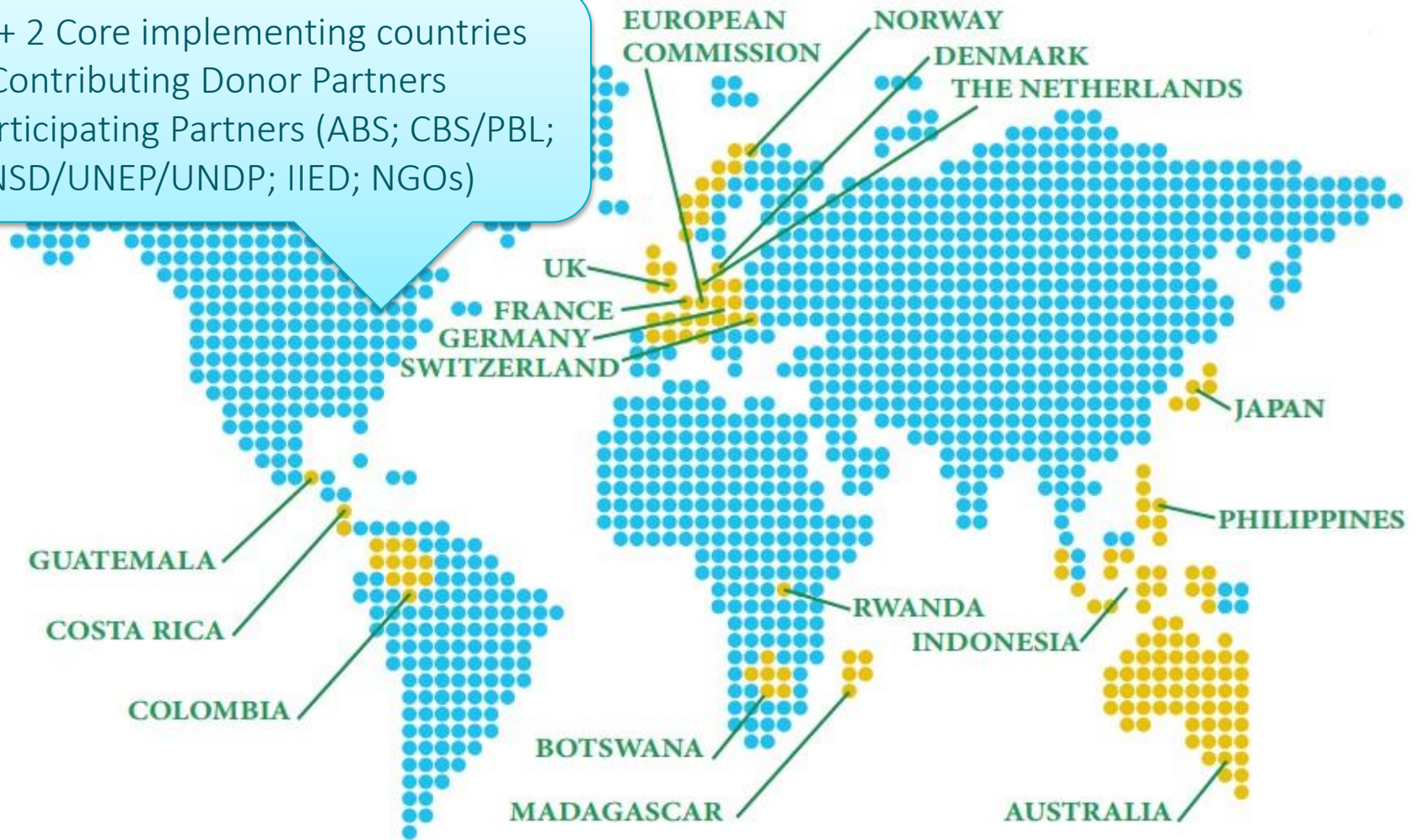
Specifically WAVES aims to:

- 1) Help countries **implement and use policy-relevant accounts**;
- 2) Contribute to development of **ecosystem accounting**;
- 3) Provide a global platform for **training and knowledge sharing**;
- 4) Build **international consensus** around NCA

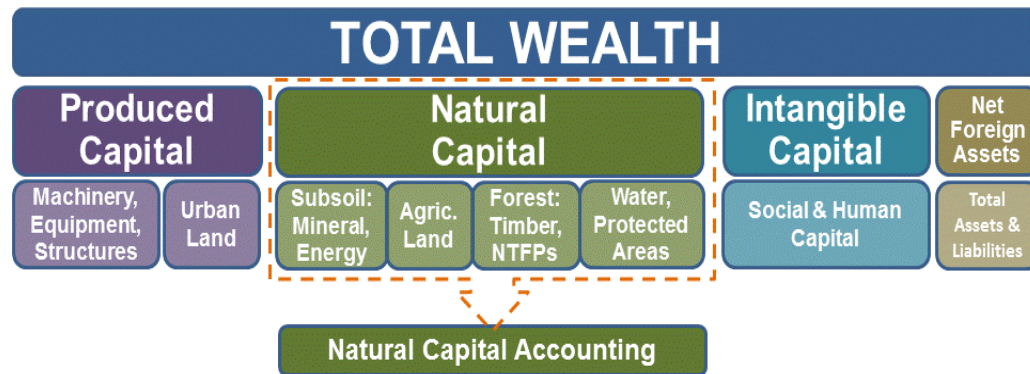


# WAVES Global Partnership

- 8 + 2 Core implementing countries
- 9 Contributing Donor Partners
- Participating Partners (ABS; CBS/PBL; UNSD/UNEP/UNDP; IIED; NGOs)



# WAVES focus and added value



- Environment - from “*Ad Hoc*” to “real” sector in the economy
- Country defined and policy-relevant entry points and priorities
- Explicit policy and systemic focus
- Supporting countries develop their own capacity
- Entry through and led by Ministries of Finance and Ministries of Development Planning
- Creating dialogue and a platform connecting
  - Finance and development - Statistics and data agencies - NR sector ministries and agencies



# Influencing national policy instruments

## NCA is included in:

- **Botswana's** 11th National Development Plan
- **Colombia's** National Development Plan for Green Growth
- **Costa Rica's** National Plan for Integrated Management of Water Resources, NCA Strategy, and National Plan for Forest Development
- **Guatemala's** 2013 National Development Plan, and 2014 State of the Environment report
- **Indonesia's** macroeconomic indicators for sustainability in their Medium-Term Development Plan
- **Madagascar's** Interim National Development Plan
- The **Philippines'** Development Plan Mid-term Update and Statistical Development Program



# Institutionalization of NCA

The first WAVES countries have dedicated time, funds and government staff to implement and use NCA.

## Botswana

- Coordinating unit of 3 staff in the **Min. of Finance and Development Planning**
- 15 staff working on water, mineral and energy accounts

## Colombia

- 8 staff in the **Dept. of Statistics**, working on ecosystems, forest and water accounts

## Costa Rica

- 4 staff in the **Central Bank of Costa Rica**, working on water, forest and energy accounts

## Madagascar

- 5 staff in the **Min. of Economy and Industry**, working on accounts for forests, water and minerals, and macroeconomic indicators

## The Philippines

- 3 staff in the **Philippine Council for Sustainable Development** and 9 staff with the **Philippine Statistics Authority**, working on accounts for ecosystems, minerals, land and soil, forests, fisheries, water, energy and biological resources.



# Accounts developed in countries

Botswana	Colombia	Costa Rica	Madagascar	Philippines
 <p><b>Water</b> 2010/11, 2011/12</p>	 <p><b>Water</b> 2012</p>	 <p><b>Forests</b> 2008-2013 (Asset accounts), 2011 (Flow accounts)</p>	 <p><b>Water</b> 2001 – 2003 In progress</p>	 <p><b>Mineral</b> Gold, copper, nickel and chromite (2001-2012) – in progress</p>
 <p><b>Minerals</b> 1994 - 2012</p>	 <p><b>Water: Tota Lake Watershed</b> 2012</p>	 <p><b>Water</b> 2000-2014 (Asset accounts), 2012 (Flow accounts)</p>	 <p><b>Forest</b> 2005, 2010, 2013</p>	 <p><b>Ecosystem: Laguna de Bay</b> Between 1997 and 2014 (varies by account)</p>
 <p><b>Energy</b> 2010/2011 - 2014/2015</p>	 <p><b>Ecosystem: Chinchina River</b> Between 2010 and 2014 (varies by account)</p>	 <p><b>Energy</b> 2011-2013</p>		 <p><b>Ecosystem: Southern Palawan</b> Between 2001 and 2014 (varies by account)</p>
 <p><b>Macroeconomic indicators of sustainable development</b> In progress</p>	 <p><b>Ecosystem: Orinoquia</b> In progress</p>	 <p><b>Ecosystem: National</b> 1997-2008-2013</p>		 <p><b>Mangrove</b> <i>Planned</i></p>
 <p><b>Tourism component of land and ecosystem accounts</b> In progress</p>	 <p><b>Forest</b> 1990 - 2012</p>			



# Some lessons from WAVES

- **Successful institutionalization and NCA dialogue**
- **Success in developing a range of accounts**
- **NCA takes much longer than anticipated**
- **Requires “NCA readiness”**
- **Better identification of and focus on policy entry points**
- **From sequential to parallel policy engagement**
- **Focus on accounts production process using existing information and data coordination mechanisms**
- **Management of production process and analytics to ensure timely information and use of NCA**
- **Stronger links to national accounts, macroeconomic indicators, economic and development frameworks**





# WAVES+ country engagement criteria

## 1. Focused Country Engagement

- “Country priority” - Significant role of NR sector in the economy
- “NCA readiness” - Data; Institutions; Capacity; Commitment
- “Fast track Implementation” - Fewer sectors for fast track policy use
- “Policy Focus” – Decision-driven application and use of NCA

## 2. Operational Mainstreaming

- Linking WAVES/NCA to and leveraging WBG country engagement and operations

## 3. Shared Learning

- Potential and commitment of a country to play regional or global role in advancing NCA



# WAVES+ (FY17-FY20) objectives

**Broad objectives remain same. WAVES+ will:**

- Add **8 new Core Implementing Countries** to build critical mass of developing countries implementing NCA;
- Implement **2 – 4 regional programs** to strengthen capacity to understand and apply NCA, and to sustain country efforts beyond the CIC's;
- Promote the **global adoption** of policy-relevant NCA by:
  - Methodology of ecosystem accounting
  - Policy use of NCA
  - Collaboration between partners in the public, business and financial sectors



## **MAKING WAVES**

If you are interested in sharing your experience in natural capital accounting, or in learning more about how to implement it, we would love to hear from you. Please contact [waves@worldbank.org](mailto:waves@worldbank.org)

Find out more about WAVES at [www.wavespartnership.org](http://www.wavespartnership.org)

Available in Spanish at [www.wavespartnership.org/esp](http://www.wavespartnership.org/esp)



WORLD BANK GROUP