



WAVES at a crossroad: progress in 2017/18 and prospects for the future

November 2018



Wealth Accounting and the Valuation of Ecosystem Services www.wavespartnership.org



Outline

1. Country level work

- Scaling up accounts development
- Making progress towards application

2. Global level work

- Analytics: the Changing Wealth of Nation (CWON) 2018
- Outreach and knowledge sharing

3. Cross-cutting engagement: ecosystems

- Methodology development
- Progress at the country level

4. Looking forward

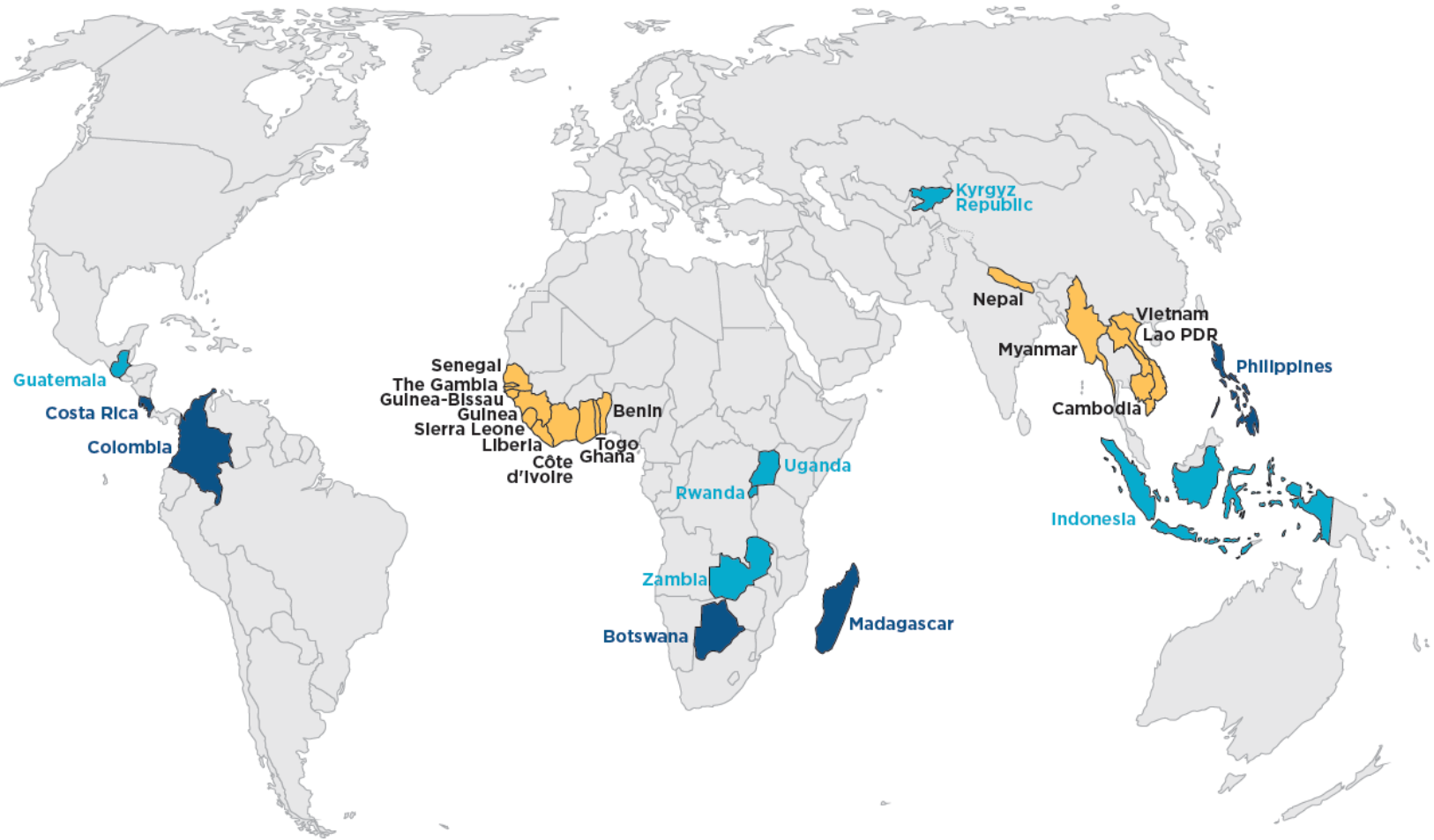
- Engaging with new countries
- The Global Program for Sustainability (GPS)



1. Country level engagement



Expanding program scope: 16 countries, 1 sub-region



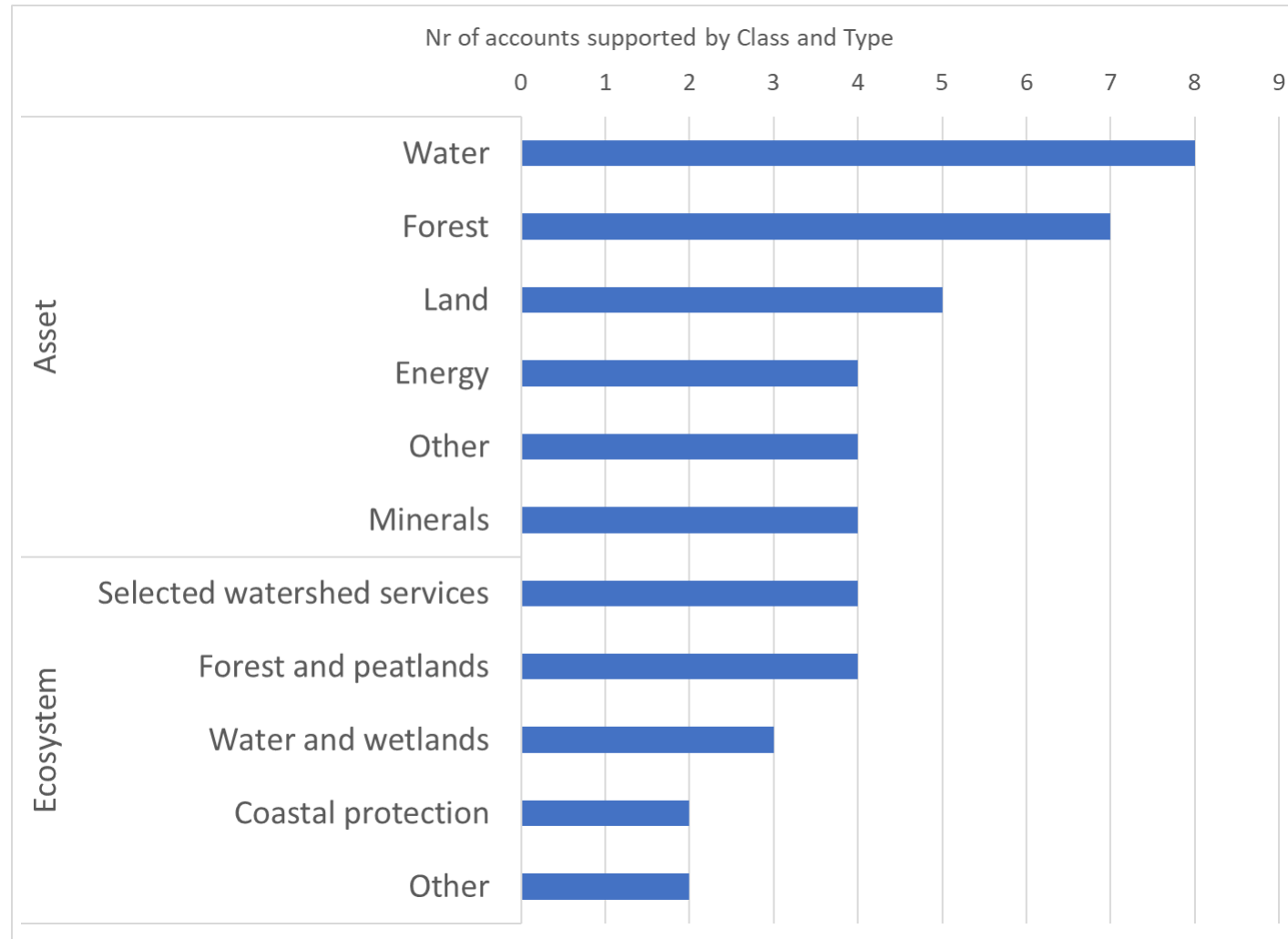
■ WAVES core implementing countries

■ WAVES Plus core implementing countries

■ Targeted technical assistance



Close to 50 accounts delivered or being developed



Supporting the use of NCA in the policy making processes: a few examples

- **Rwanda**

- Land use and land cover account are being used for land use planning (Land Administration Information System LAIS)
- Water accounts are helping evaluate water use efficiency across sectors

- **Indonesia**

- Use of wealth accounts as inputs for macro-modeling of carrying capacity and green growth
- The use of peatland accounts is being discussed for defining priority for restoration efforts

- **Zambia**

- Forest accounts: inputs for the World Bank's programmatic forest landscape investment
- Water accounts: will support the implementation of the Integrated Water Resource Management System

- **Guatemala**

- Land and ecosystem accounts used as input to the analysis of the effects of climate change on forests



Institutionalizing NCA: graduated countries show the way

Botswana

- Specific NCA mandate in National Development Plan
- Lead agency: Ministry of Finance and Economic Development; dedicated unit of 13 staff
- Regular update of accounts started with WAVES (e.g. Water, Energy, Minerals, Macro-economic indicators)

Costa Rica

- National Council for Environmental Accounts established; Central Bank (BCCR) leads
- Regular update of water, forest and energy accounts; material flow and selected ecosystem accounts forthcoming

Colombia

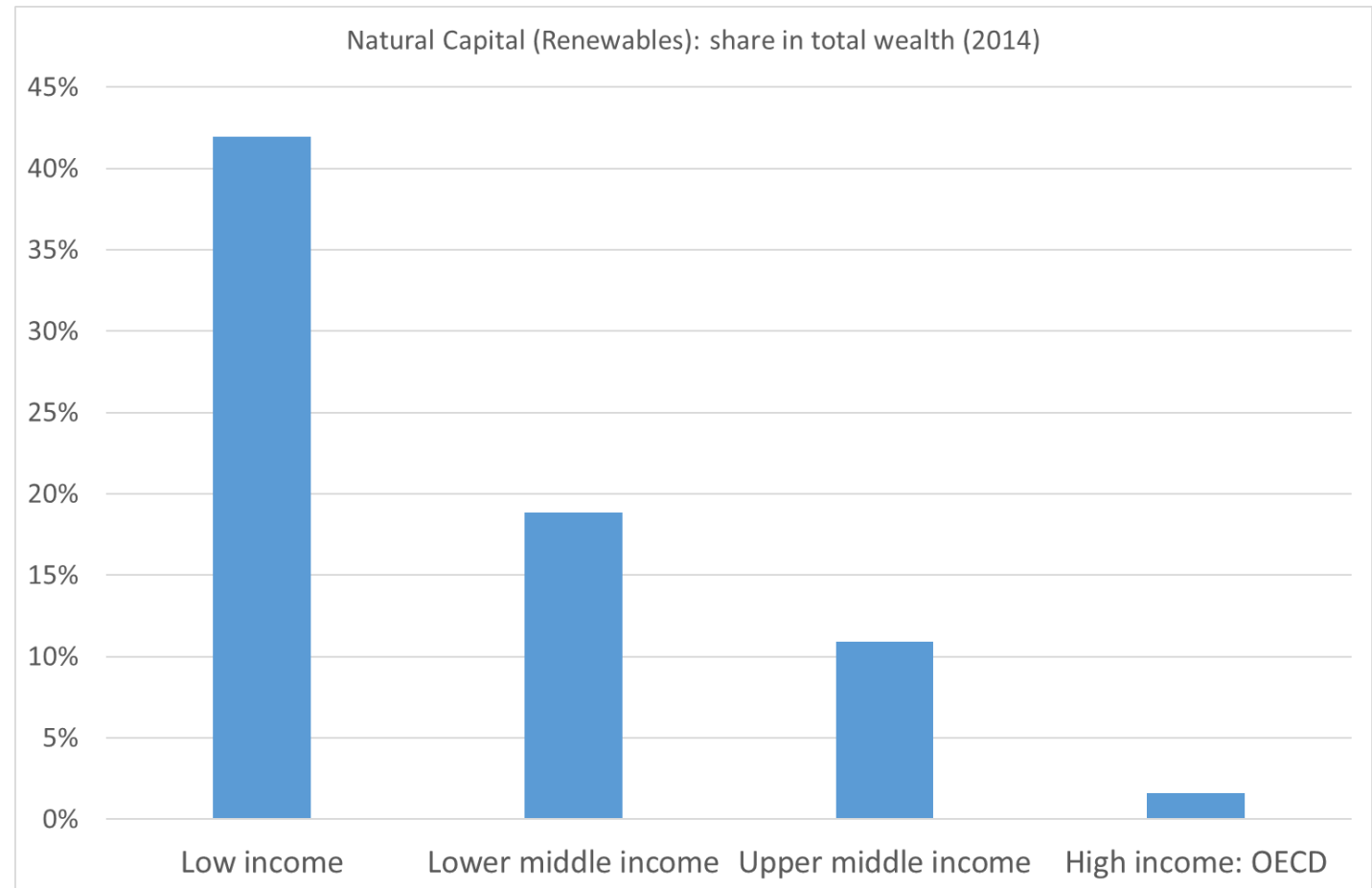
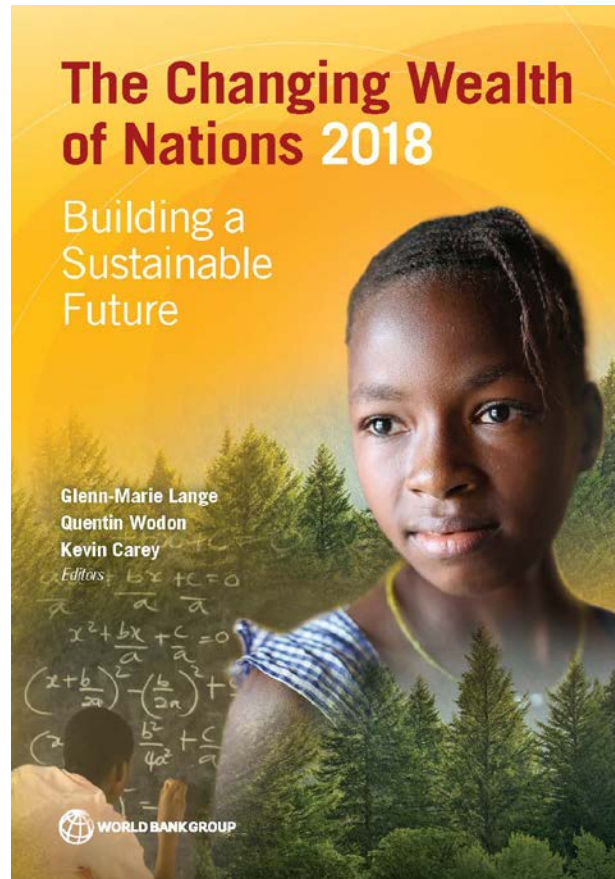
- Government decree in 2017 requires the Statistics Department (DANE) to work with all sectors to produce/ update accounts
- Regular update of Wood and land resources, minerals/ energy; and flow accounts (e.g. water, forests products)



Global Work

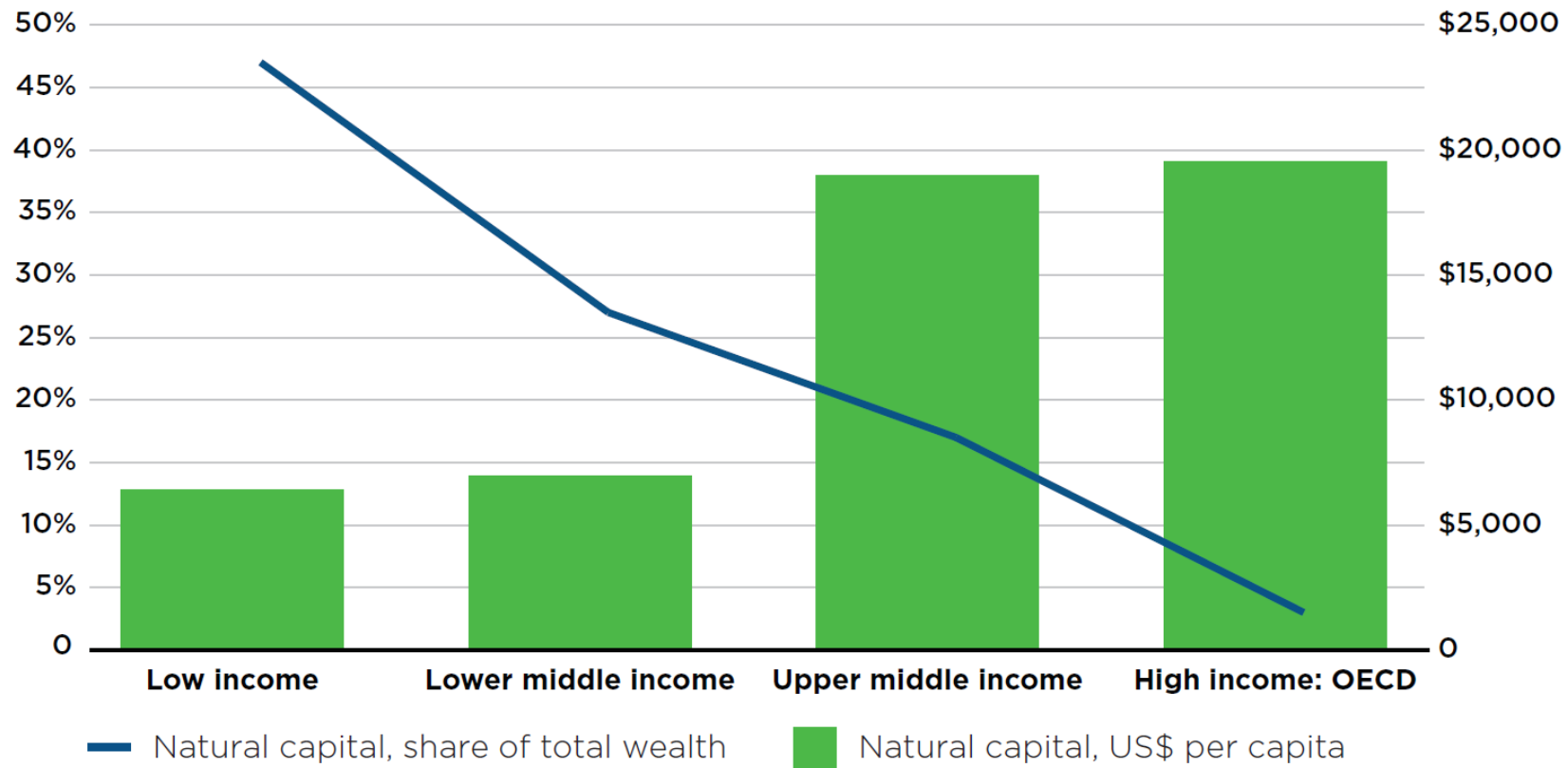


Quantifying the role of natural capital in the development process: a key asset for lower income countries...

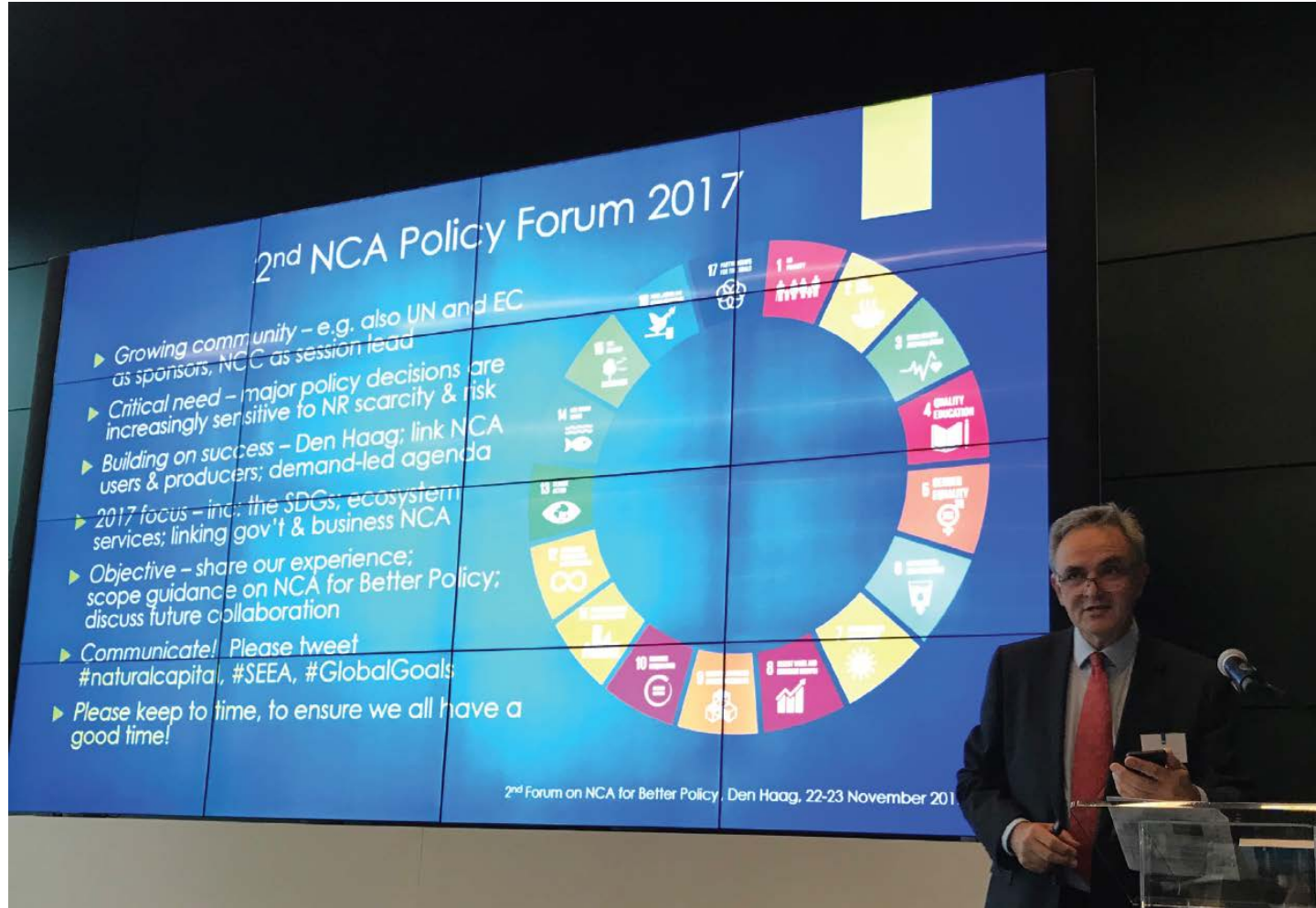


..growing in per capita terms as countries develop

Share vs Per Capita Value (US\$) in 2014



Supporting consultation and knowledge sharing



2nd Policy Forum on Natural Capital Accounting for Better Decision Making
Applications for Sustainable Development

PART 1 May 2018

A cross-cutting engagement: ecosystem valuation



Supporting ecosystem work at the country level

Indonesia: Peatlands, a key asset delivering national and global benefits

- Peatlands accounts (Sumatra, Kalimantan)
- Land cover (1990-2015)
- Provision services (crops, timber) and regulation (e.g. carbon, habitat protection)

Rwanda: trade-offs in watershed management

- Ongoing analysis of water yields, sedimentation and carbon sequestration
- Using the results for managing reservoir sedimentation; and addressing nutrient pollution

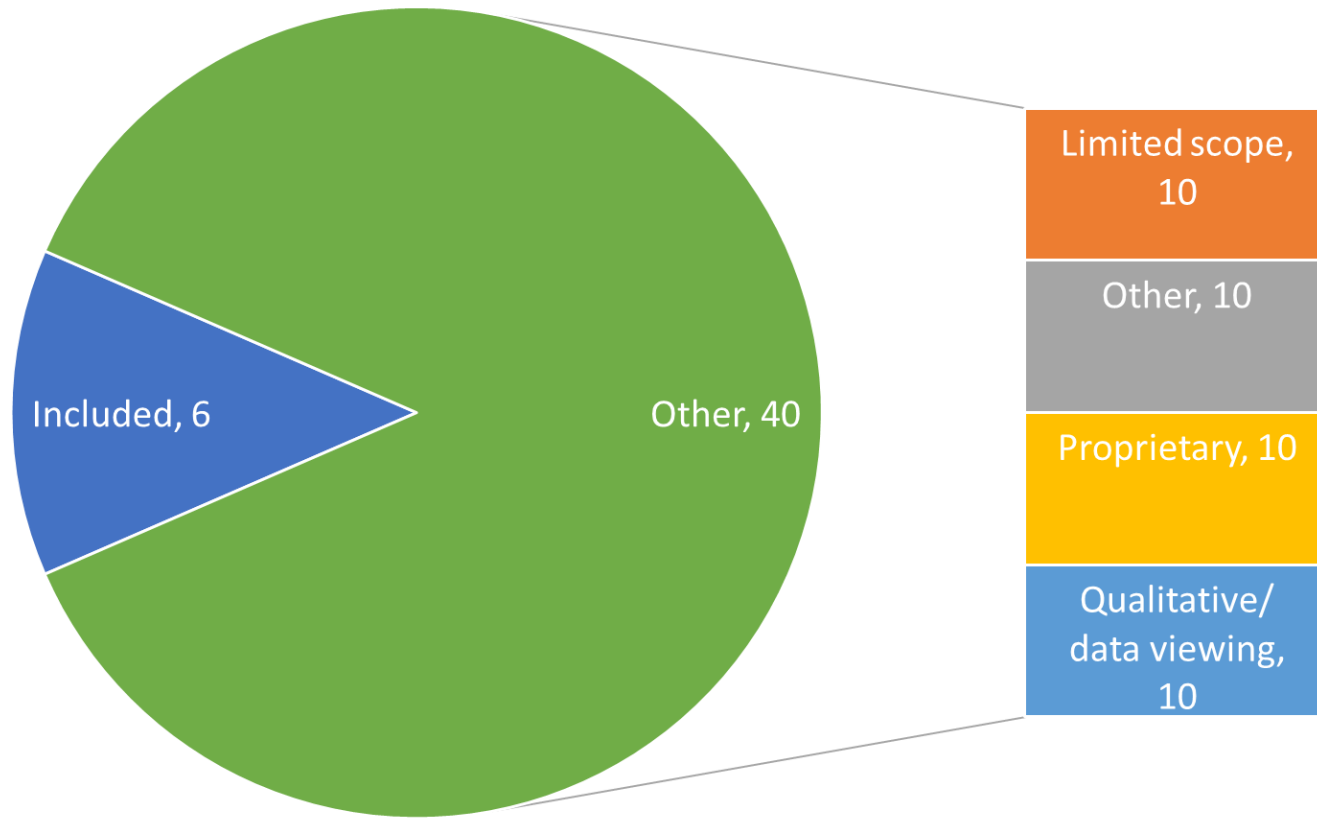
Zambia: supporting nature-based tourism

- Ecosystem accounts for biodiversity, carbon and sedimentation (under development)
- Objective: encouraging nature based tourism and assessing the additional benefits of protecting natural habitats



Methodology development at the global level

Review of and assessment of 46 ecosystem services models



Models that meet criteria

- **ARIES,**
- **Co\$tingNature,**
- **InVEST,**
- **SWAT**
- **Water World**
(for water-related services)

Looking forward



Engaging with new countries

Welcoming new partners

- Uganda (Core Implementing Country)
- East Asia Targeted Technical Assistance
 - Vietnam, Myanmar (coastal protection services)
 - Lao PDR, Cambodia (forests, water, wetlands)

New Candidates

- Core Implementing Country support (3)
 - Egypt, Morocco, Tunisia
- Targeted Technical Assistance (5 + regional)
 - Nigeria, Georgia, Uzbekistan, West Africa Coastal Areas (WACA), El Salvador, Kenya



Scaling up WAVES into the Global Program for Sustainability



Window 1 - Information

Objective: Develop information base and tools to inform policy & investment decisions



Window 2 -Implementation

Objective: Build countries' capacity to produce and use natural capital accounting for policy and planning decisions



Window 3 - Incentives

Objective: Integrate sustainability in the functioning of financial markets

Program Management and Administration

Expected outcomes of APM

1. Sharing experiences

- Production and use of accounts
- Mainstreaming into decision making processes
- Opportunities and challenges on all the above

2. Looking forward

- Key issues to be addressed in the final stages of WAVES implementation
- Insights to inform the implementation of GPS



THANK YOU!

