

Natural capital accounting for policy – a global view of achievements, challenges and prospects

WAVES Annual Partnership 5-7 June 2017, Kigali, Rwanda



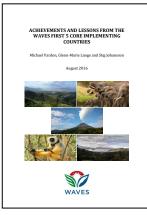


Forum on Natural Capital Accounting for Better Decision-making

22 – 23 November 2016, The Hague, Netherlands

- 2 days
- 45 participants
- 15 countries
- Back-to-back with "Natural Capital -Let's do Business"
- We have accounts, now what?
- Why NCA?







WAVES Hosts the First Policy Forum with the Netherlands Governmen



"What will it take for policymakers to use natural capital accounts (NCA) to inform development policy and planning that is

What do decision-makers think about?



Botswana President Ian Khama said "We will put natural capital at the heart of government decision-making".

- What is the problem?
- What can I do about it?
- Who wins?
- Who loses?
- How much will it cost?



The Hon. Barry Gardiner, Member of Parliament, United Kingdom, Formerly an Assistant Minister of Environment

Decisions and policy options

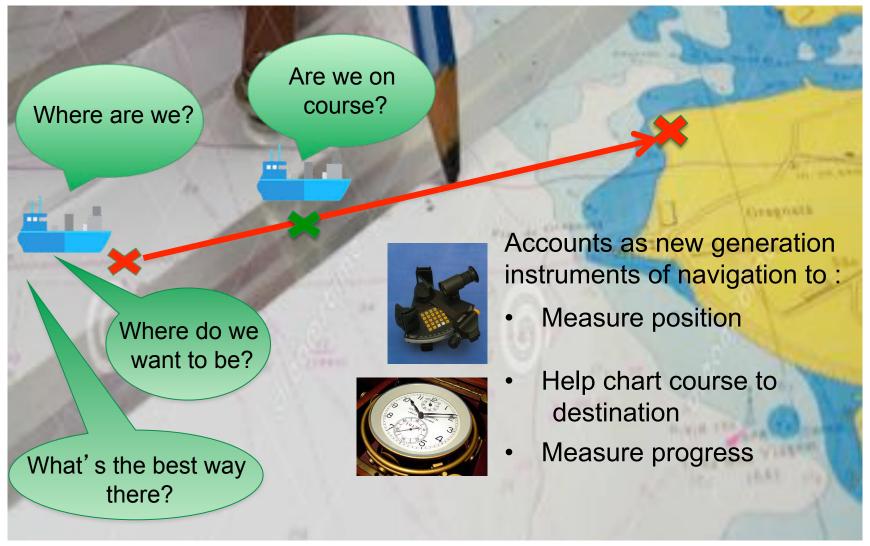
What are the decisions and decision-making process that can use information?

What are the policy options available?

- Carrots
- Sticks
- Sermons
- Do-it-yourself (state owned enterprises)

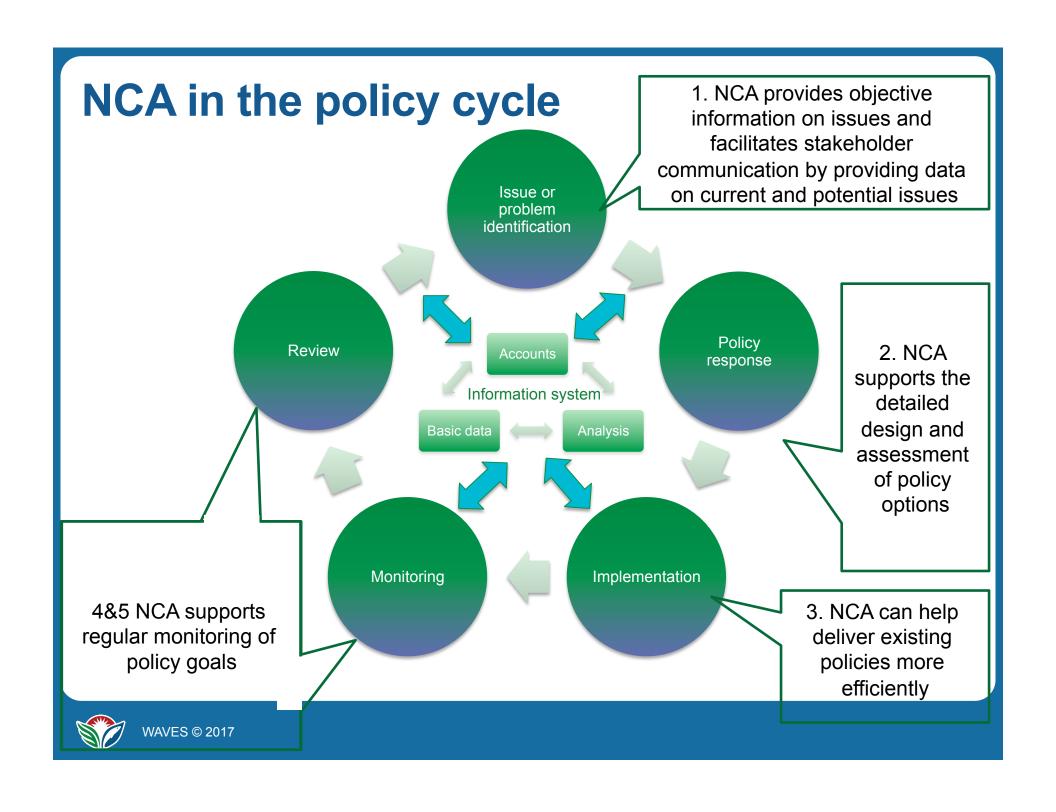


Charting a course for ship of state with NCA



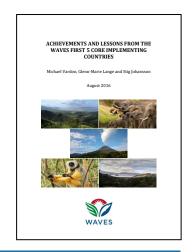
Slide from Peter Burnett, ANU



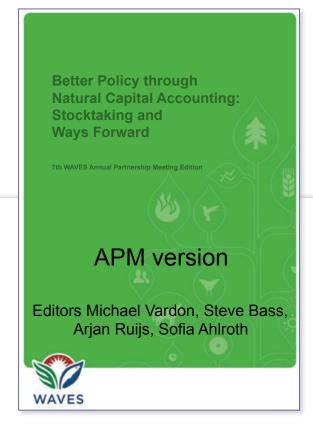








NCA and policy: stocktake, lessons and achievements



Stocktake of contributions

Content

- 26 Chapters
- 46 Authors from a wide range of professions and agencies

Spanning

- Account producers and users
- High and low income countries
- All stages of the policy cycle
- Thematic and crosssector issues

		Identifica tion	Response	Implement ation	Monitoring	Analysis and Review
	Energy	Ruijs (Ch. 17)	Ruijs (Ch. 17)	Ruijs (Ch. 17)	Ruijs (Ch. 17) Rivera et al. (Ch. 11)	Ruijs (Ch. 17) Rivera et al. (Ch. 11)
d	Water	Oosterhuis (Ch.16) Pule and Galegane (Ch. 7) Castaneda et al. (Ch.12)	Pule and Galegane (Ch. 7) Castaneda et al. (Ch.12)	Pule and Galegane (Ch. 7) Romero et al. (Ch. 9) Nagy et al. (Ch. 25) Uwera et al. (Ch. 19)	Oosterhuis (Ch.16) Pule and Galegane (Ch. 10) Romero et al. (Ch. 9) Uwera et al. (Ch. 19)	Romero et al. (Ch. 0) Uwera et al. (Ch. 19) Castaneda et al. (Ch. 12)
	Forests and land	Castaneda et al. (Ch.12)	Uwera et al. (Ch. 19) Castaneda et al. (Ch.12)	Uwera et al. (Ch. 19) Romero et al. (Ch. 8) Castaneda et al. (Ch.12)	Uwera et al. (Ch. 19) Romero et al. (Ch. 8)	Uwera et al. (Ch. 19 Banerjee et al (Ch. 13) Castaneda et al. (Ch. 12)
	Minerals				Gervacio (Ch. 18) Uwera et al. (Ch. 19)	Gervacio (Ch. 18)
	Biodiversity and ecosystems			Vardon et al. (Ch. 24)	Ledoux and Wejchert (Ch. 23) Vardon et al. (Ch. 24)	
	SDGs and sustainability	Barter (Ch. 21)			Barter (Ch. 21) Steinbach (Ch. 20)	Banerjee et al (Ch. 22) Barter (Ch. 21) Steinbach (Ch. 20) Castaneda et al. (Ch. 12)
	Green growth/ economy	Castaneda et al. (Ch.15)			Schenau (Ch. 6) Romero et al. (Ch. 11) Steinbach (Ch. 20)	Castaneda et al. (Ch. 12)
	Climate change		Medrilzam and Adinia (Ch. 14)	Medrilzam and Adinia (Ch. 14)	Medrilzam and Adinia (Ch. 14)	Romero et al. (Ch. 8) Castaneda et al. (Ch. 12)
	State of Environment Reporting				Smith et al (Ch. 6)	Smith et al (Ch. 6)



The Netherlands

- Well documented
- Long history of statistics and accounting
- Accounts used for monitoring as well as policy development and implementation
- Energy, water, green economy and SDGs
- Institutional roles and setup



Water

Pricing and management

Australia

Botswana

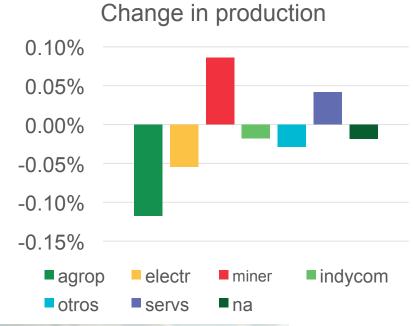
Colombia

Costa Rica

The Netherlands

The Philippines

Colombia – what would happen if charges rise?

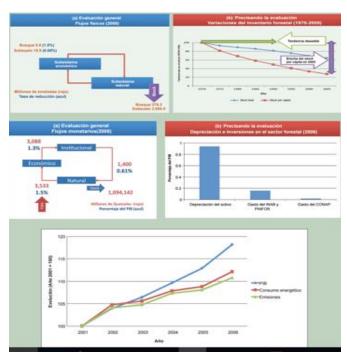




Green growth, SDGs and NCA

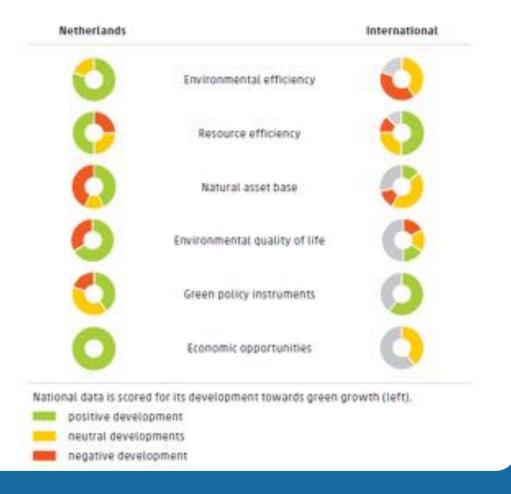
Indicators and info-graphics

Guatemala



- The Netherlands
- Guatemala
- Sweden
- UK

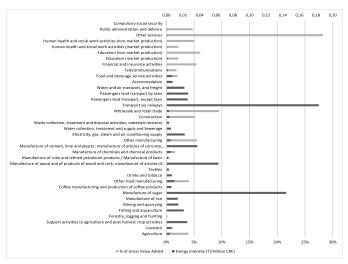
The Netherlands



Energy and climate change

Energy

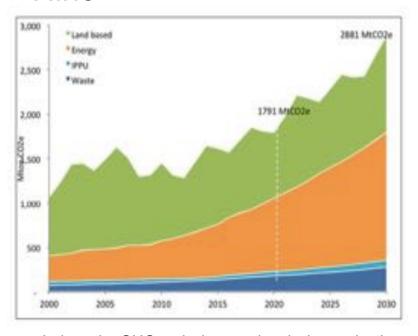
- Costa Rica
- •Guatemala
- The Netherlands
- Guatemala (fire wood)



Costa Rica: Energy use by sector

Climate change

- Indonesia and INDCs
- Colombia and impacts of El Niño

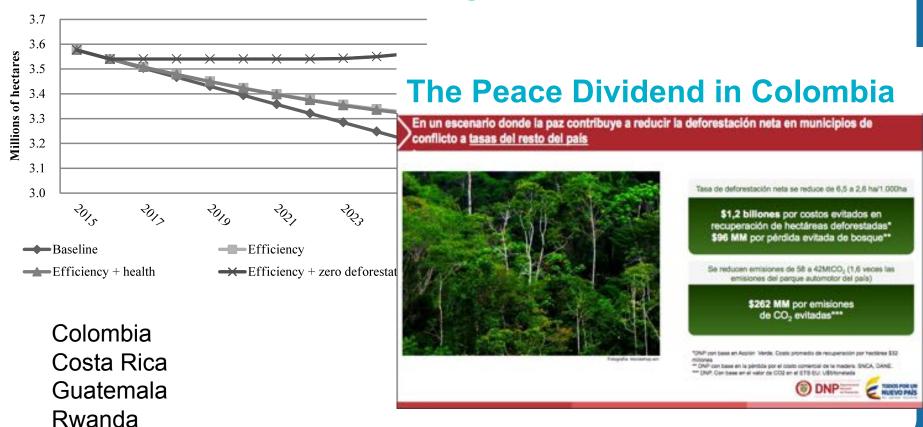


Indonesia: GHG emissions and emission projections



Forests, poverty and peace dividend

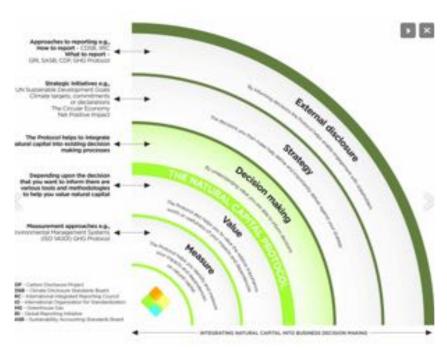
Guatemala scenario modeling





Opportunities

Links with business



Biodiversity conservation



10 living principles for making NCA fit for policy

- Inclusive
- Collaborative
- Holistic

Comprehensive

- Decisioncentred
- Demand-led

Mainstreamed

- Continuously improving
- Embedded

Enduring

Trustworthy

Purposeful

- Transparent and open
- Credible

Thank you!

