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# Resource Mobilisation for Biodiversity Conservation

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**A high-level overview on how Namibia approached Natural Capital Accounting.**

**Natural Capital Accounting Workshop  
Nairobi, Kenya (2016)**



Implemented by  
**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

On behalf of:  
 Federal Ministry for the  
Environment, Nature Conservation,  
Building and Nuclear Safety

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## Outline

1. How Namibia Approached NCA
2. Fast-track compilation of water accounts
3. High-level linkages between NCA various policy and decision making implications
4. Recommendations and Roadmap NCA in Namibia



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# 1. How Namibia approached NCAs

## Natural Capital Accounting in Namibia

The **Namibian Ministry of Environment and Tourism**, in partnership with the German Development Cooperation (**Deutsche Gesellschaft für Internationale Zusammenarbeit, GIZ**) and commissioned by the **German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)** implemented the **Resource Mobilisation for Biodiversity Conservation (ResMob) Project**.

ResMob Project Components:

1. Natural Capital Accounting
2. Resource Mobilisation
3. Capacity Development



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## Natural Capital Accounting in Namibia

Under the **Natural Capital Accounting component** of the Resource Mobilisation Project, a feasibility study was carried out during September – December 2015, on NCA in Namibia.

The objectives of the study was:

1. To conduct a feasibility study that will provide information to decision-making on priorities for natural capital accounting based on the SEEA
2. To compile a fast track water account to showcase the possibilities of environmental-economic accounting based on the SEEA-water framework and,
3. To improve the capacities of Namibian MET staff and selected environmental economists in compiling NCAs focused on water



## Methodology used to assess the feasibility and the usefulness of NCAs in Namibia, and the (sub) account classification used

### Analytical framework

#### Feasibility

Are underlying data sources sufficient to permit NCA?



#### Usefulness

Will the identified priority areas benefit from NCA?



#### Priority Areas

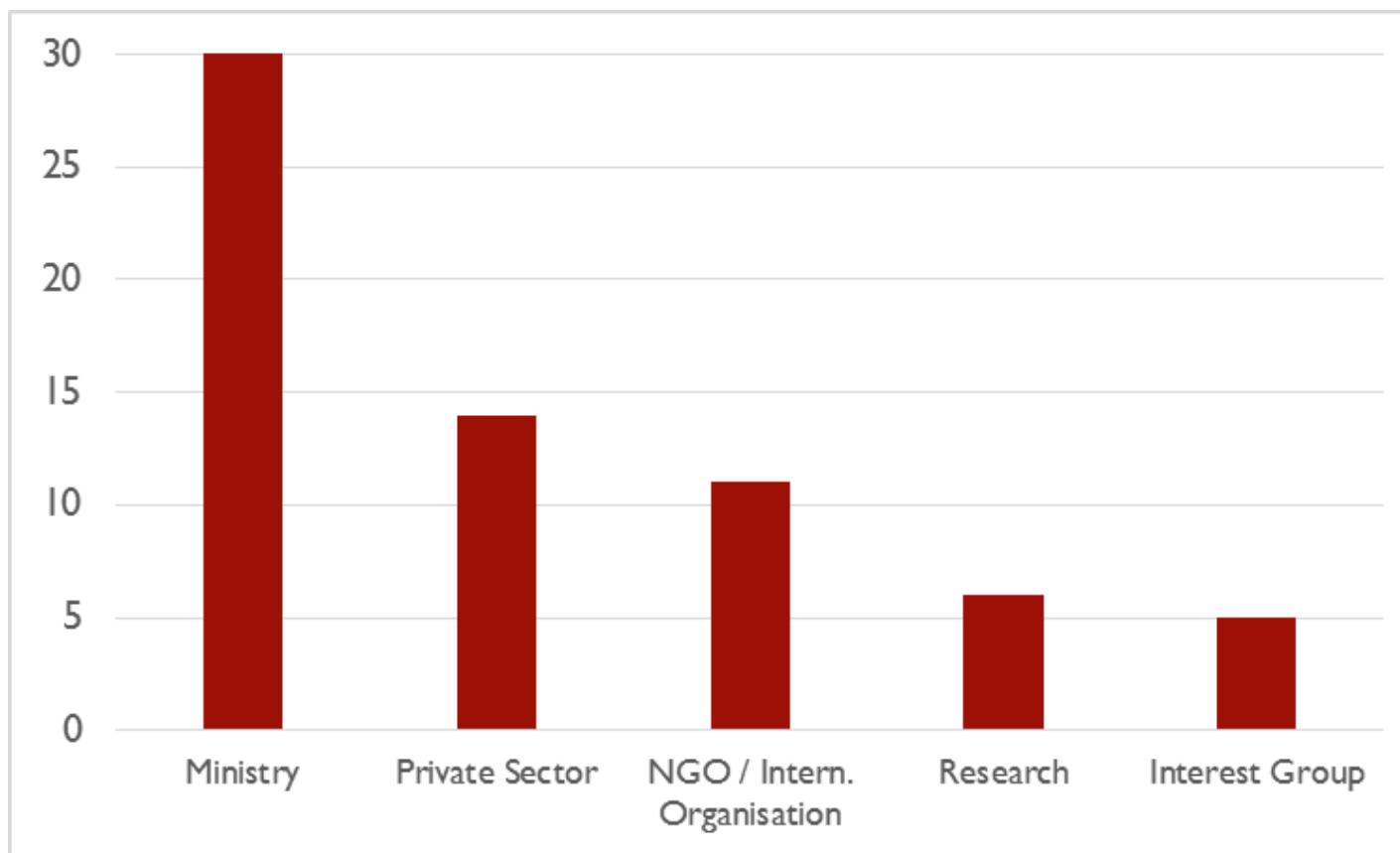
Which types of natural capital should be focused on?  
Which development goals have to be addressed?

### (Sub-)Account Types

- **Water accounts**
- **Fisheries accounts**
- **Land accounts**
  - Land and Forestry
  - Agriculture
  - Wildlife
- **Energy and Minerals accounts**
  - Energy
  - Minerals



## Interviewed stakeholders (decision makers and experts)



A total of 63 stakeholders were interviewed between the 14<sup>th</sup> Sept – 13<sup>th</sup> November 2015

**Distribution of interview partner by type of organization.**



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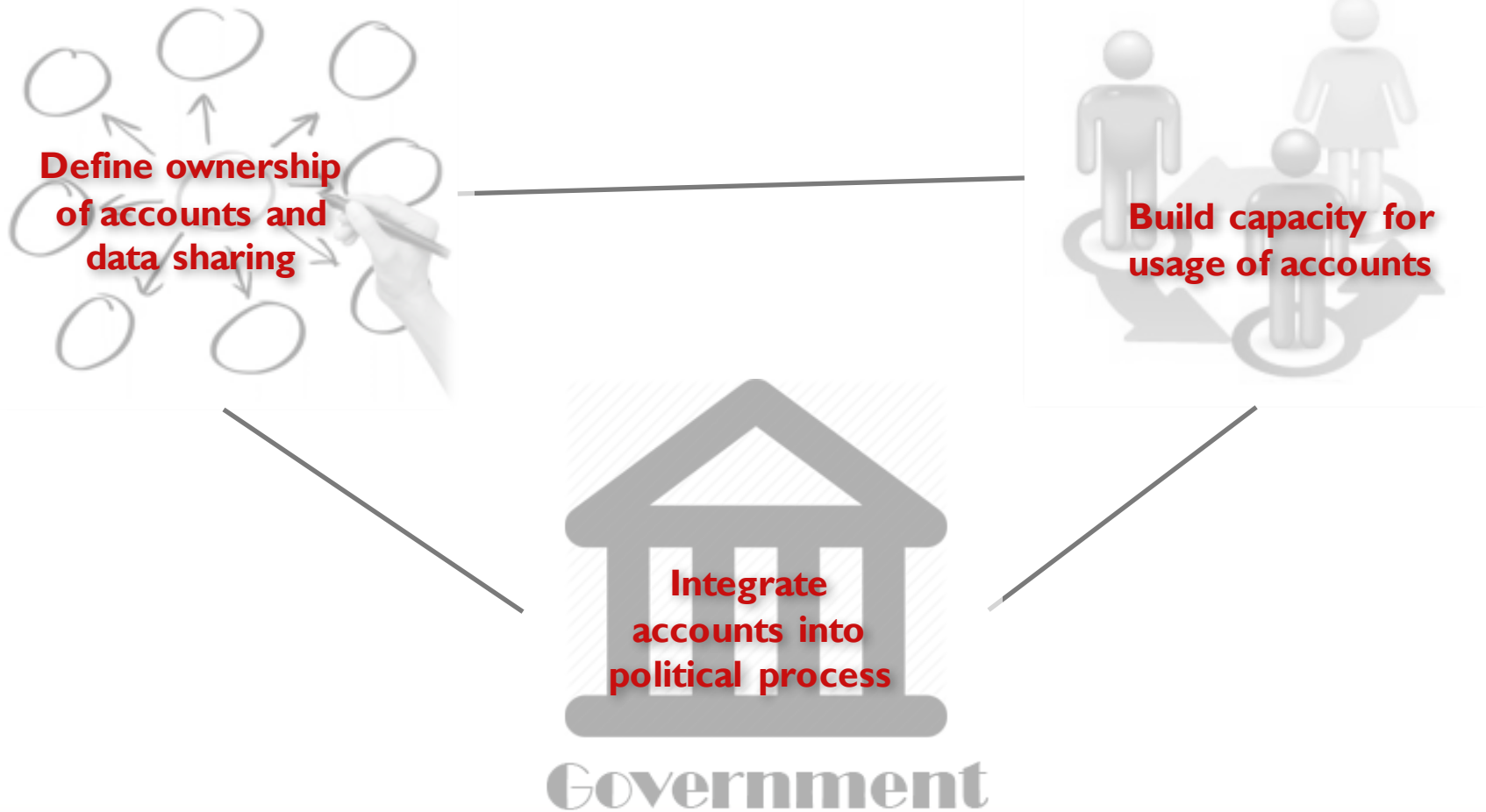
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## The long term aim is to institutionalize the use of natural capital accounts in Namibia





## Summary of assessment of feasibility and added benefit of NCAs for the individual natural capitals.

	Water	Fishery	Land & Ecosystems			Energy & Minerals	
			Wildlife	Agri- culture	Eco- systems	Energy	Minerals
<b>Feasibility</b>	↑	↑	↗	↑	→	↑	↑
<b>Added benefit</b>	↑	→	↑	↑	↑	↑	→
<b>Priority areas</b>	tbd by decision makers, input by stakeholders and experts						





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## 2. Fast-track compilation of water accounts

### Methodology: SEEA-Water

#### Three methodological components specific to Namibian conditions:

1. Physical system of flows for rainfall, surface water and groundwater
2. Water supply structure and distribution, comprising the classification of activities and products as well as physical supply and use tables
3. Economic use and value of water



## Required water accounts

### The following sub-types of water accounts were needed:

- Physical stock and flow accounts: Define and account for the assets and stocks
- Hybrid accounts for production (esp. for tourism, irrigation, livestock farming, ...)
- Hybrid accounts for final consumption (esp. household)
- Expenditure accounts, financing accounts

### Outlook:

- Emission / water quality accounts
- Water collection / sewerage accounts
- Environmental Services of Water in Namibia (Biodiversity, Flood and Drought Protection, Storage, Natural Purification of Water, Provisioning)



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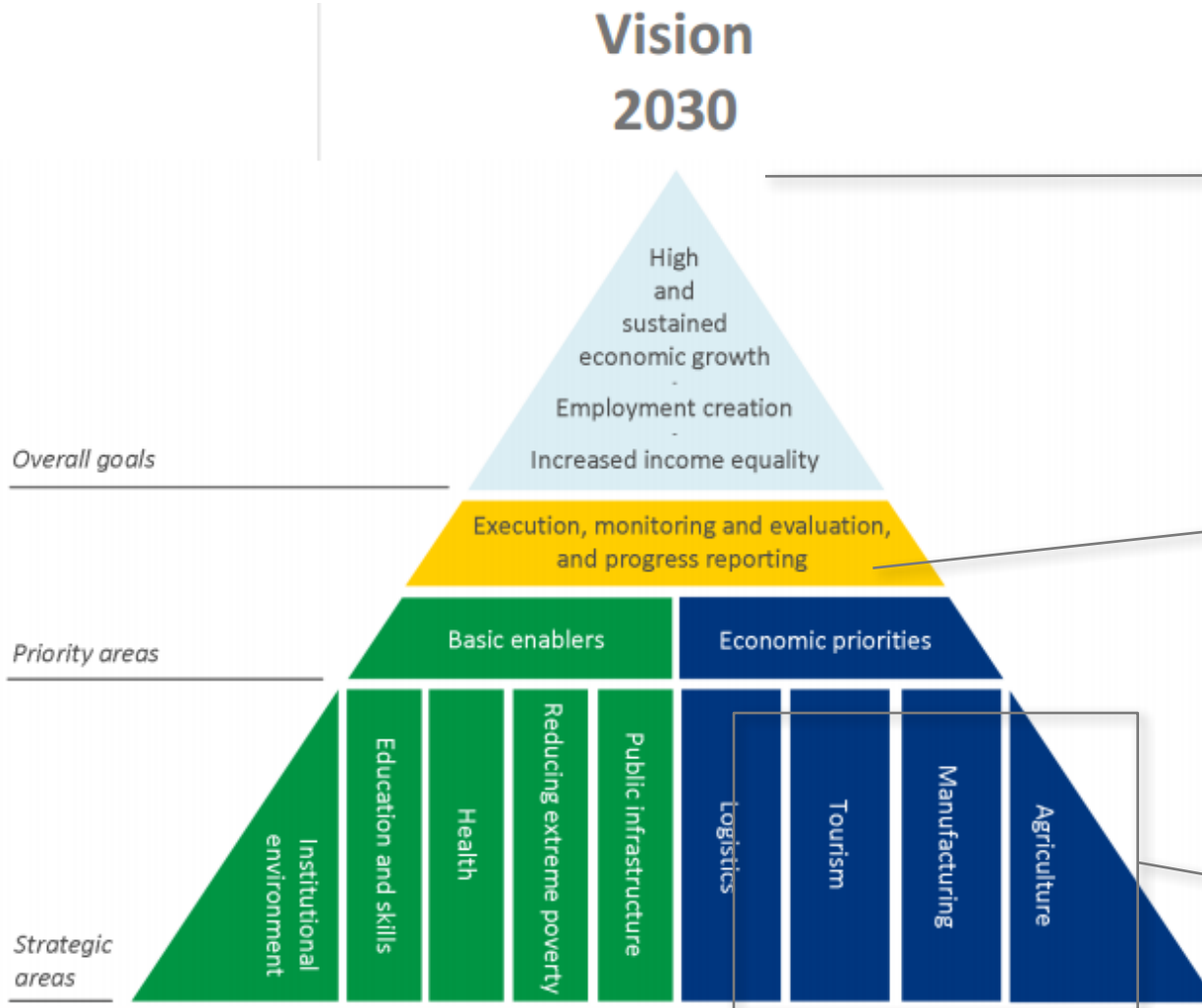
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### **3. High-level linkages between NCA various policy and decision making implications**



## What do Namibian strategic policies say on the matter?



The vision is designed to promote the creation of a diversified, open market economy, with **a resource-based industrial sector and commercial agriculture**,

*Vision 2030, Foreword, p. 8*

A strong and synchronized data collection and analysis capacity that will provide adequate information to ensure that **accurate data is available during planning process**.

*NDP4, Executive Summary, p. xviii*

- Namibia is the most **competitive tourist destination** in Africa
- identifying & developing **economic activities** in the minerals sector
- **Agriculture** experiences average **real growth of 4%** per annum

*NDP4, Detailed Action Plan, p. 125-127*



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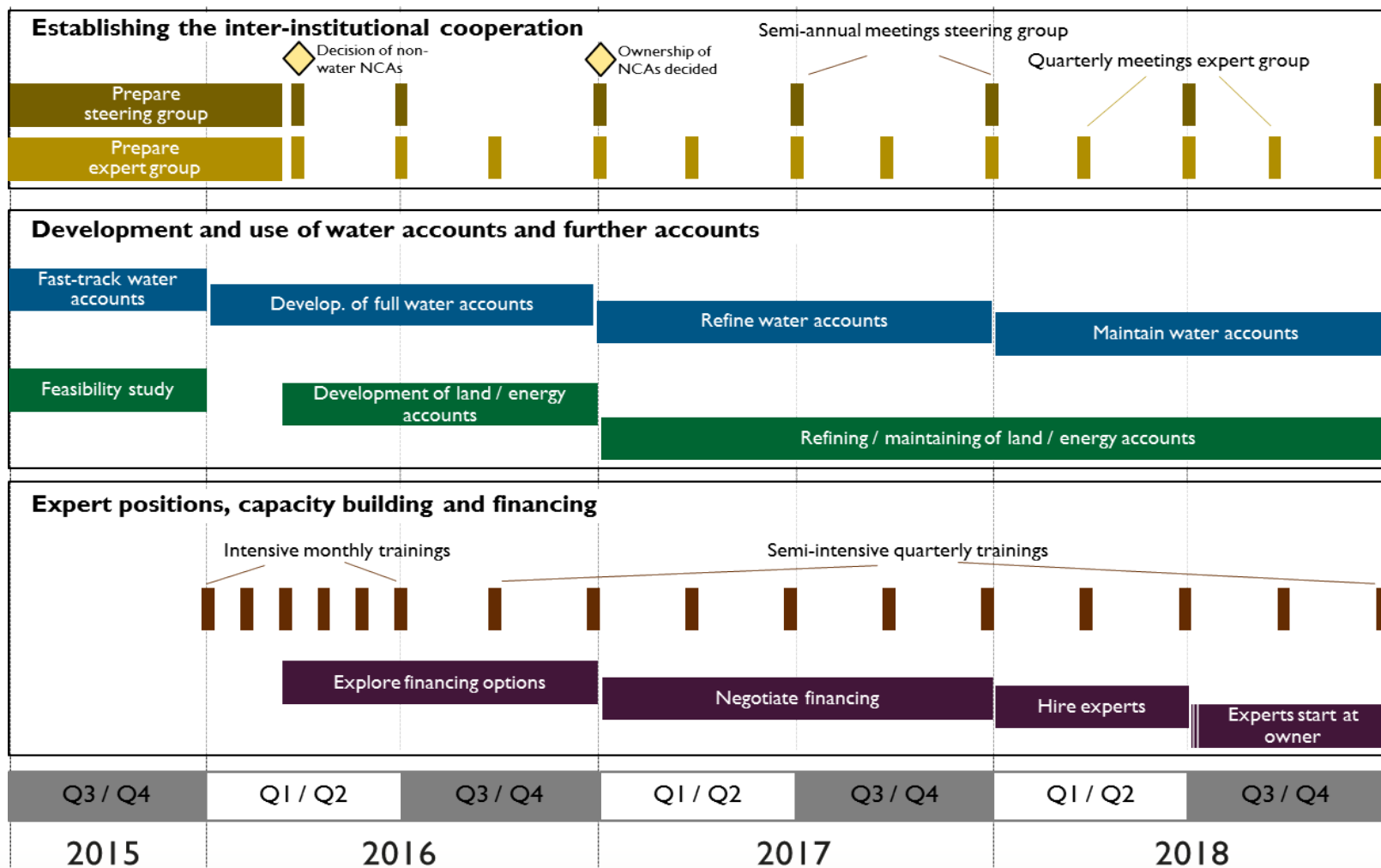
## 4. Recommendations and Roadmap for NCAs in Namibia

### Recommendations and the way forward

1. Establish an inter-institutional cooperation
2. Development of water accounts and other non-water accounts
3. Expert positions, capacity building and financing



# Roadmap



# Thank you for your attention!

## Contact:

Mr. Ferdinand Mwapopi

Project Coordinator – Resource Mobilisation for Biodiversity Protection  
(ResMob)

Ministry of Environment and Tourism

Physical address: Corner of Kenneth David Kaunda Street and Robert Mugabe  
Avenue, Block E, 2<sup>nd</sup> Floor, Office E2-17

Private Bag 13306, Windhoek, Namibia

M: [+264 \(0\) 81 147 2912](tel:+2640811472912)

E: [mwferddy@gmail.com](mailto:mwferddy@gmail.com)



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