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Federal Ministry for the
Environment, Nature Conservation,
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State of the Art



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Bundesamt für Umwelt BAFU
Office fédéral de l'environnement OFEV
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Uffizi federal d'ambient UFAM



Empowered lives.
Resilient nations.

The Biodiversity Finance Initiative (BIOFIN)

Mobilising Resources for Biodiversity and Sustainable Development

Alice Ruhweza - UNDP Technical Advisor

CBD Sub Regional workshop on Financial Reporting and Resource Mobilisation,
Entebbe Uganda; November 24-25, 2015



Launched @ CBD COP-11 in India in 2012 in response to

- The Strategic Plan for BD 2011-2020 & request for new NBSAPs
- The Strategy for Resource Mobilisation and its reporting requirements
- The need to address the gap in biodiversity finance

Implementation period: 2012 – 2018

Total budget: US\$ 28 Million

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Overarching objectives

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- Develop and pilot a new approach and methodology to fill the financing gap
- Support parties in reporting on resource mobilisation to CBD
- Help countries to better mobilise and align domestic and international finance for the implementation of NBSAPs, to achieve sustainable development

NBSAPs developed

NBSAPs implemented

SDG consultation

SDGs implemented

2013

2014

2015

2016

2017

2018

2019

2020

Team & Model Structure

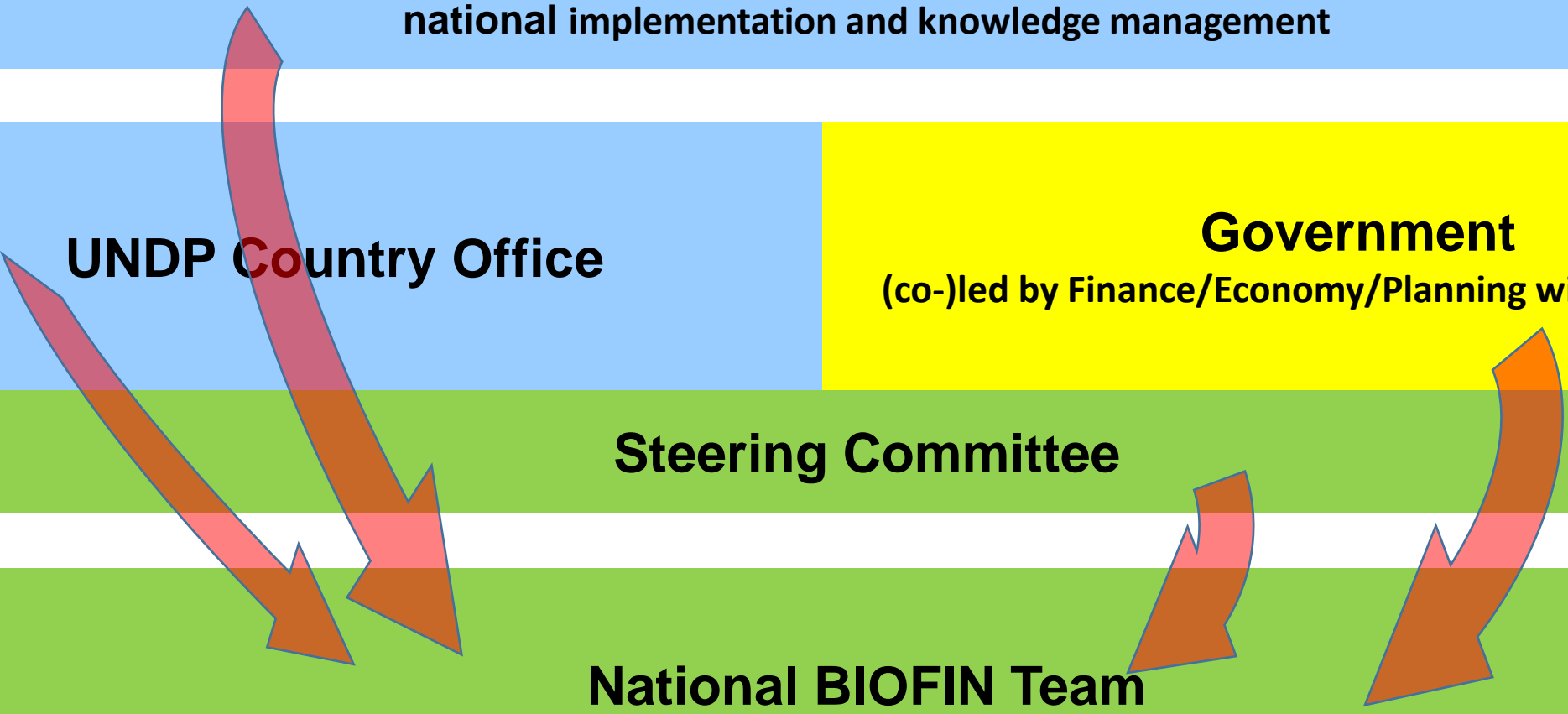
Global UNDP/BIOFIN Team
with dedicated expert support for methodology development,
national implementation and knowledge management

UNDP Country Office

Government
(co-)led by Finance/Economy/Planning with Environment

Steering Committee

National BIOFIN Team





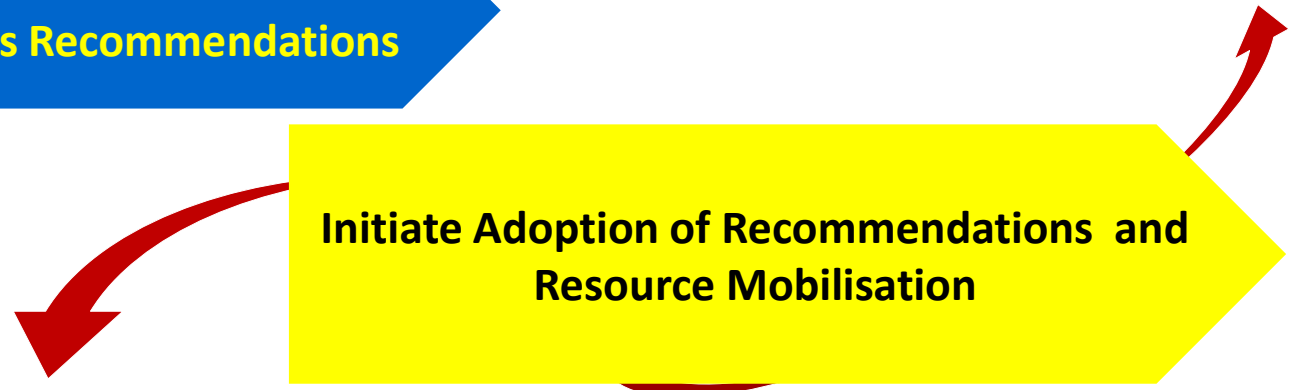
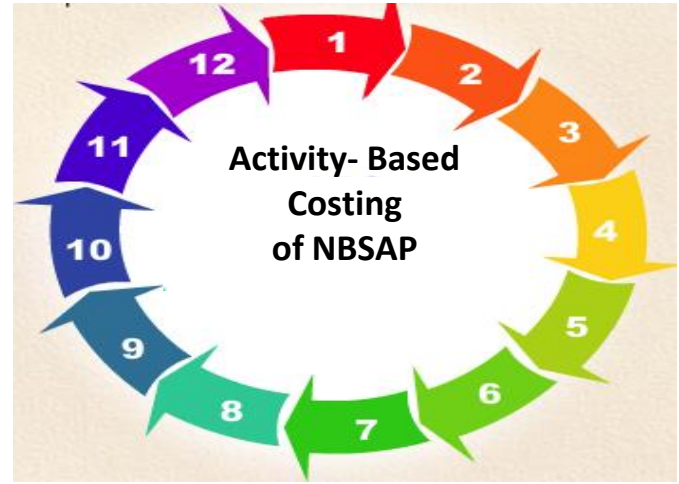
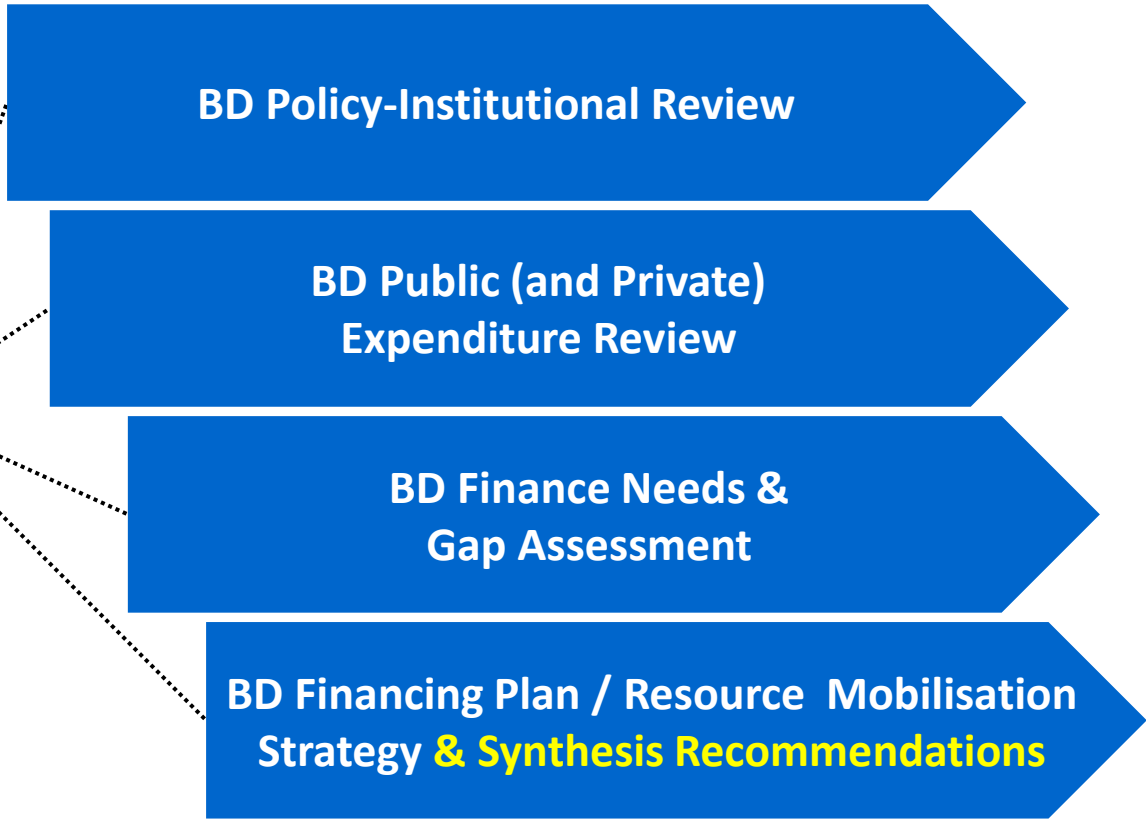
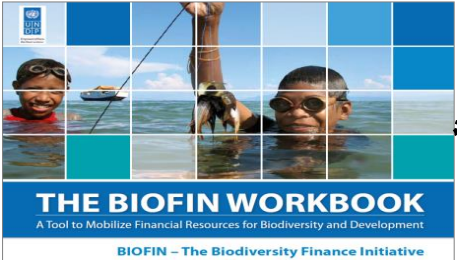
Two Main Axes of Work:

1. Global

2. National



Axis 2: National Work





Two Main Axes of Work:

1. Global

2. National



Axis 1: Global Work

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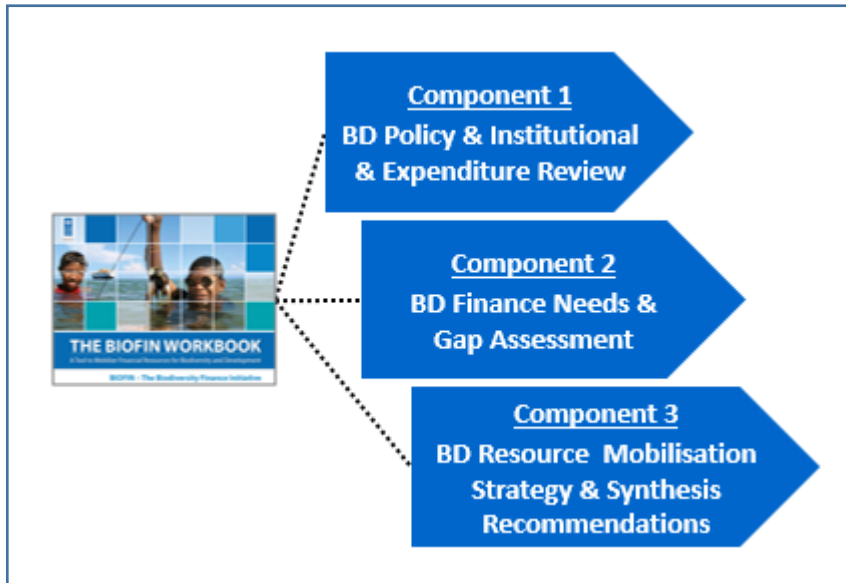
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2013-2014: Develop & Peer Review Approach & Assessment Methodologies

THE BIOFIN WORKBOOK
A Tool to Mobilize Financial Resources for Biodiversity and Development
2014
VERSION

BIOFIN – The Biodiversity Finance Initiative

Steps in the BIOFIN Workbook



Component 1

- 1a) Policy and practice review
- 1b) Institutional review
- 1c) Expenditure review

Component 2

- 2a) Costing of strategies and actions
- 2b) Calculation of the financial gap

Component 3

- 3a) Identify actors, mechanisms and opportunities
- 3b) Develop resource mobilization plan

Steps in the BIOFIN Workbook

Component 1

1a) Policy and practice review

1b) Institutional review

1c) Expenditure review

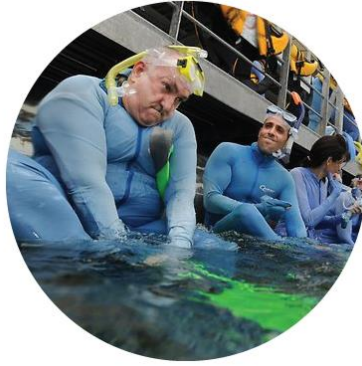
EXAMPLES OF DRIVERS

- a) Agricultural intensification
- b) Commercial poaching of NTFPs
- c) Mining and quarrying
- d) Domestic livestock practices
- e) Illegal logging
- f) Urbanization and development
- g) Coastal pollution

1a) Identify the drivers of change, and the specific sectoral practices and policies that are responsible for these drivers of change



PURPOSE OF POLICY REVIEW



- a) To highlight inefficient and ineffective policies and practices that lead to biodiversity loss
- b) To find areas for financial alignment and efficiency

Steps in the BIOFIN Workbook

REVIEW BROADER CONTEXT

1a) Policy and practice review

1b) Institutional review

1c) Review biodiversity expenditures



Chemical
companies



Ministry of
Agriculture

1b) Identify key finance actors, their relationship to biodiversity and their existing and potential finance roles

For example:

Agricultural associations

Chamber of Mines

etc

Steps in the BIOFIN Workbook

REVIEW BROADER CONTEXT

1a) Policy and practice review

1b) Institutional review

1c) Expenditure review

1c) How much is currently being spent on biodiversity-related expenditures?



Protected areas



Water and sanitation



Reforestation



Agricultural subsidies

Steps in an expenditure review

Step 1: Identify relevant finance actors



Tourism



Forestry



Agriculture



Fisheries



Protected areas



Water

Steps in an expenditure review

Step 2: Extract budgetary data from relevant finance actors, including ministries, agencies, private entities

BCS BUDGET LINE ITEMS BY DOCUMENT NUMBER

Doc No	Line#	BProc	DType	BType	Version	Budget Amount	FncCd	Crrm	Btrm	Fund	Fr/Doc Date
						331,773.00	28430	6110003	1000	2005	07/01/2004
50000514	000001	ENTR	Z0	ZEOR	0	128,726.00	28430	6150003	1000	2005	07/01/2004
	000002	ENTR	Z0	ZEOR	0	2,500.00	28430	6200002	1000	2005	07/01/2004
	000003	ENTR	Z0	ZEOR	0	12,175.00	28430	6300002	1000	2005	07/01/2004
	000004	ENTR	Z0	ZEOR	0	475,174.00	28430	5140002	1000	2005	08/20/2005
50000848	000001	ENTR	Z0	ZEOR	0	331,773.00	28430	6110003	1000	2005	08/30/2005
50005291						128,726.00	28430	6150003	1000	2005	08/30/2005
	000002	ENTR	Z0	ZEOR	0	2,500.00	28430	6200002	1000	2005	08/30/2005
	000003	ENTR	Z0	ZEOR	0	12,175.00	28430	6300002	1000	2005	08/30/2005
	000004	ENTR	Z0	ZEOR	0	475,174.00	28430	5140002	1000	2005	07/01/2004
50005625	000001	ENTR	Z0	ZEOR	0	331,773.00	28430	6110003	1000	2005	07/01/2004
50005960						128,726.00	28430	6150003	1000	2005	07/01/2004
	000002	ENTR	Z0	ZEOR	0	2,500.00	28430	6200002	1000	2005	07/01/2004
	000003	ENTR	Z0	ZEOR	0	12,175.00	28430	6300002	1000	2005	07/01/2004
	000004	ENTR	Z0	ZEOR	0	475,174.00	28430	5140002	1000	2005	07/01/2004
50009294	000001	ENTR	Z0	ZEOR	0	0.00					

BUDGET LINE ITEMS

Function Code	Object Code	Current Budget	* Change
Instruction 1000			
Salaries			
Employee Benefits	6100	59,960.00	0.00
Purchased Professional Services	6200	14,094.00	0.00
Purchased Property Services	6300	0.00	0.00
Other Purchased Services	6400	0.00	0.00
Supplies	6500	0.00	0.00
Other Expenses	6600	6,900.00	0.00
	6800	5,677.00	0.00
Subtotal for Instruction 1000			0.00
Support Services 2100, 2200, 2600, 2700			
Salaries		86,631.00	0.00
Employee Benefits	6100		
Purchased Professional Services	6200	12,400.00	3,000.00
Purchased Property Services	6300	2,976.00	0.00
Other Purchased Services	6400	5,700.00	3,200.00
Supplies	6500	0.00	0.00
	6600	840.00	0.00
		5,045.00	0.00

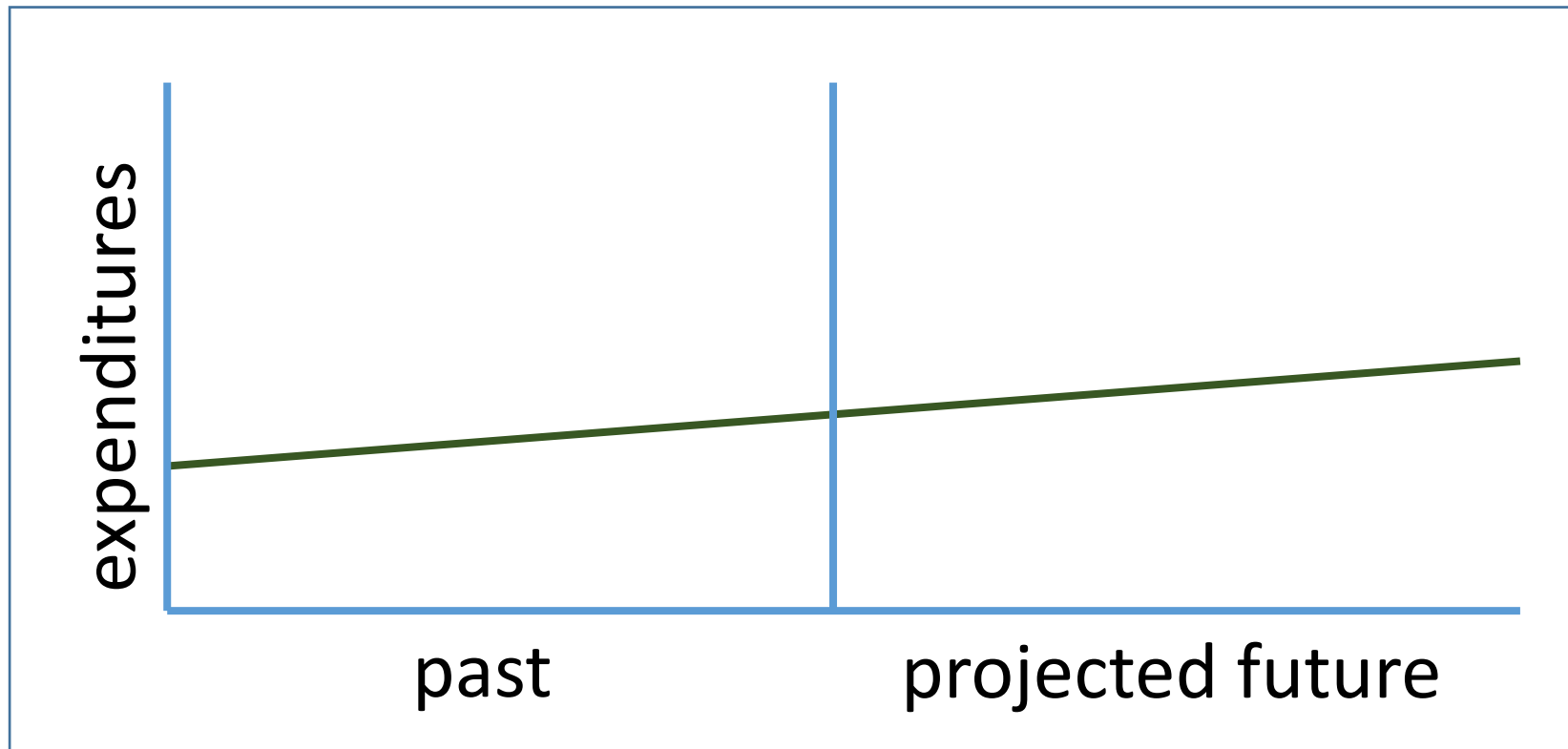
Steps in an expenditure review

Step 3: Develop a single coherent system for coding and processing all data, including total amounts for each category, and coding for relevancy and effectiveness

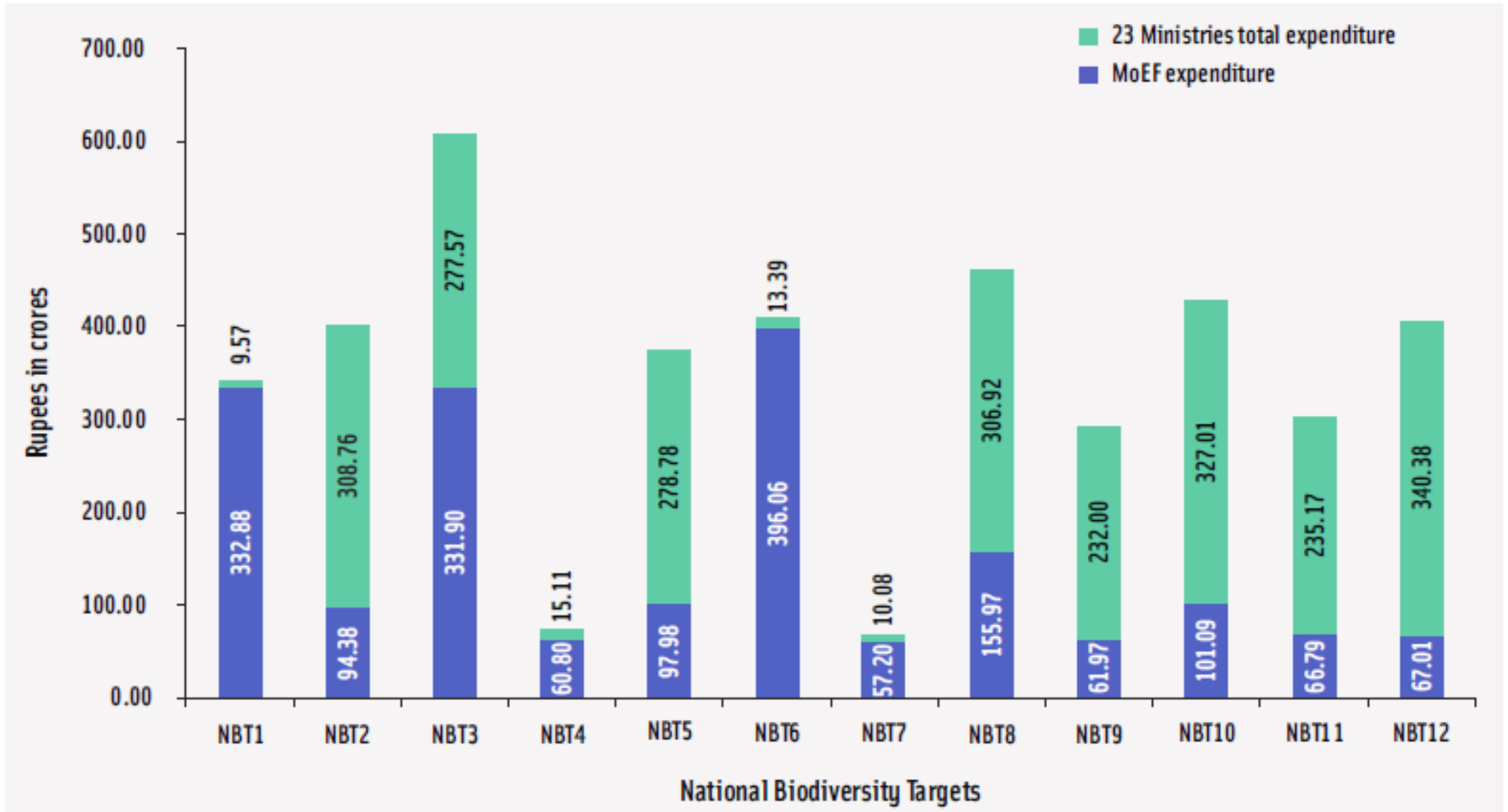
TOTALS		Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99
	Utilities												
\$ 989.60	SCE	\$ 78.74	\$ 56.70	\$ 59.22	\$ 50.35	\$ 49.46	\$ 38.49	\$ 63.55	\$ 160.72	\$ 159.41	\$ 133.48	\$ 90.71	\$ 48.77
\$ 658.18	Gas Co.	\$ 129.04	\$ 118.36	\$ 95.68	\$ 103.88	\$ 29.13	\$ 16.43	\$ 10.39	\$ 10.02	\$ 11.97	\$ 11.91	\$ 16.86	\$ 104.51
\$ 1,003.99	Phone	\$ 127.67	\$ 108.93	\$ 80.52	\$ 82.64	\$ 58.00	\$ 81.49	\$ 75.63	\$ 82.46	\$ 71.26	\$ 92.58	\$ 75.51	\$ 67.30
\$ 796.08	Sewer/Trash/Water	\$ 62.24	\$ 62.24	\$ 56.84	\$ 65.48	\$ 60.08	\$ 62.24	\$ 60.08	\$ 61.00	\$ 79.36	\$ 86.92	\$ 80.60	\$ 59.00
\$ 366.86	Cable	\$ 28.98	\$ 28.98	\$ 28.98	\$ 28.98	\$ 28.98	\$ 31.66	\$ 31.65	\$ 31.73	\$ 31.73	\$ 31.73	\$ 31.73	\$ 31.73
\$ 3,814.71	TOTAL	\$ 426.67	\$ 375.21	\$ 321.24	\$ 331.33	\$ 225.65	\$ 230.31	\$ 241.30	\$ 345.93	\$ 353.73	\$ 356.62	\$ 295.41	\$ 311.31
	Auto												
\$ 109.00	AAA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109.00	\$ -	\$ -
\$ 1,032.00	Car Insurance	\$ -	\$ -	\$ -	\$ -	\$ 516.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 516.00	\$ -
\$ 79.00	DMV - Truck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 79.00	\$ -
\$ 215.00	DMV - Honda	\$ -	\$ -	\$ 215.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 919.51	Unocal	\$ 61.73	\$ 60.70	\$ 73.37	\$ 73.08	\$ 116.21	\$ 89.37	\$ 116.13	\$ 79.42	\$ 52.06	\$ 65.25	\$ 66.58	\$ 65.61
\$ 100.08	Mobil	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11.15	\$ 29.71	\$ 7.70	\$ 42.07	\$ 9.45
\$ 19.33	Shell	\$ -	\$ -	\$ 19.33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 150.00	Honda Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150.00	\$ -	\$ -	\$ -	\$ -
\$ 22.99	Truck Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 22.99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ 2,646.91	TOTAL	\$ 61.73	\$ 60.70	\$ 307.70	\$ 73.08	\$ 655.20	\$ 89.37	\$ 116.13	\$ 240.57	\$ 81.77	\$ 181.95	\$ 703.65	\$ 75.06
	Credit Cards												
\$ 459.87	First USA (VISA)	\$ 12.74	\$ -	\$ 176.05	\$ -	\$ -	\$ -	\$ 52.76	\$ 38.20	\$ 93.50	\$ 41.89	\$ 44.73	\$ -
\$ 136.59	MBNA (MC)	\$ 9.95	\$ 9.95	\$ 12.41	\$ 9.95	\$ 9.95	\$ 11.63	\$ 20.00	\$ -	\$ 9.88	\$ 9.95	\$ 22.97	\$ 9.95
\$ 5,342.74	Citibank (VISA)	\$ 400.01	\$ 366.26	\$ 329.36	\$ 406.15	\$ 313.46	\$ 315.45	\$ 422.52	\$ 431.63	\$ 583.25	\$ 513.04	\$ 502.01	\$ 759.60
\$ 5,939.20	TOTAL	\$ 422.70	\$ 376.21	\$ 517.82	\$ 416.10	\$ 323.41	\$ 327.08	\$ 495.28	\$ 469.83	\$ 686.63	\$ 564.88	\$ 569.71	\$ 769.55
	Groceries												
\$ 2,175.95	Staters/Albertsons	\$ 158.80	\$ 157.43	\$ 202.24	\$ 194.70	\$ 173.51	\$ 188.18	\$ 229.03	\$ 359.89	\$ 75.78	\$ 252.93	\$ 49.97	\$ 133.49
\$ 1,559.81	Costco	\$ 146.08	\$ 147.63	\$ -	\$ 130.66	\$ 161.71	\$ 244.88	\$ -	\$ -	\$ 199.85	\$ 184.51	\$ -	\$ 344.49
\$ 3,735.76	TOTAL	\$ 304.88	\$ 305.06	\$ 202.24	\$ 325.36	\$ 335.22	\$ 433.06	\$ 229.03	\$ 359.89	\$ 275.63	\$ 437.44	\$ 49.97	\$ 477.98
	Retail												
\$ 1,605.10	Target	\$ -	\$ 170.47	\$ 152.10	\$ 79.95	\$ 62.39	\$ 72.40	\$ 69.62	\$ 80.66	\$ 235.46	\$ 301.56	\$ 89.77	\$ 290.72
\$ 438.45	K-Mart	\$ -	\$ -	\$ -	\$ 215.28	\$ -	\$ 85.95	\$ -	\$ 137.22	\$ -	\$ -	\$ -	\$ -
\$ 181.97	Wal-Mart	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110.31	\$ -	\$ 71.66	\$ -	\$ -	\$ -
\$ 2,225.52	TOTAL	\$ -	\$ 170.47	\$ 152.10	\$ 295.23	\$ 62.39	\$ 158.35	\$ 179.93	\$ 217.88	\$ 307.12	\$ 301.56	\$ 89.77	\$ 290.72
	House												
\$ 394.00	Home Insurance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 394.00
\$ 814.69	Maintenance	\$ 25.00	\$ -	\$ -	\$ -	\$ 169.30	\$ 604.17	\$ -	\$ -	\$ -	\$ 16.22	\$ -	\$ -

Steps in an expenditure review

Step 4: Analyze all relevant expenditures from the past, and project into the future



Example of expenditure review



Key issue: Negative expenditures

Negative expenditures: Some expenditures *harm* biodiversity



Example: Subsidies that promote excessive fertilizer use

Steps in the BIOFIN Workbook

2a) What are the costs of specific biodiversity strategies and actions

Component 2

2a) Costing of strategies, actions

2b) Calculation of the financial gap



Biodiversity
mainstreaming



Protection



Restoration



Access and benefits
sharing (ABS)



Enhancing
implementation

Key issue in costing: “Costable and actionable”

Strategies and actions must be specific enough to be ‘costable’ and ‘actionable’



Non-actionable and non-costable strategy: Decrease pollution from industrial waste

Key issue in costing: “Costable and actionable”

Strategies and actions must be specific enough to be ‘costable’ and ‘actionable’



Non-actionable and non-costable strategy: Decrease pollution from industrial waste

Actionable and costable strategy: Establish waste management centers for composting, recycling and reusing commercial waste in 4 states

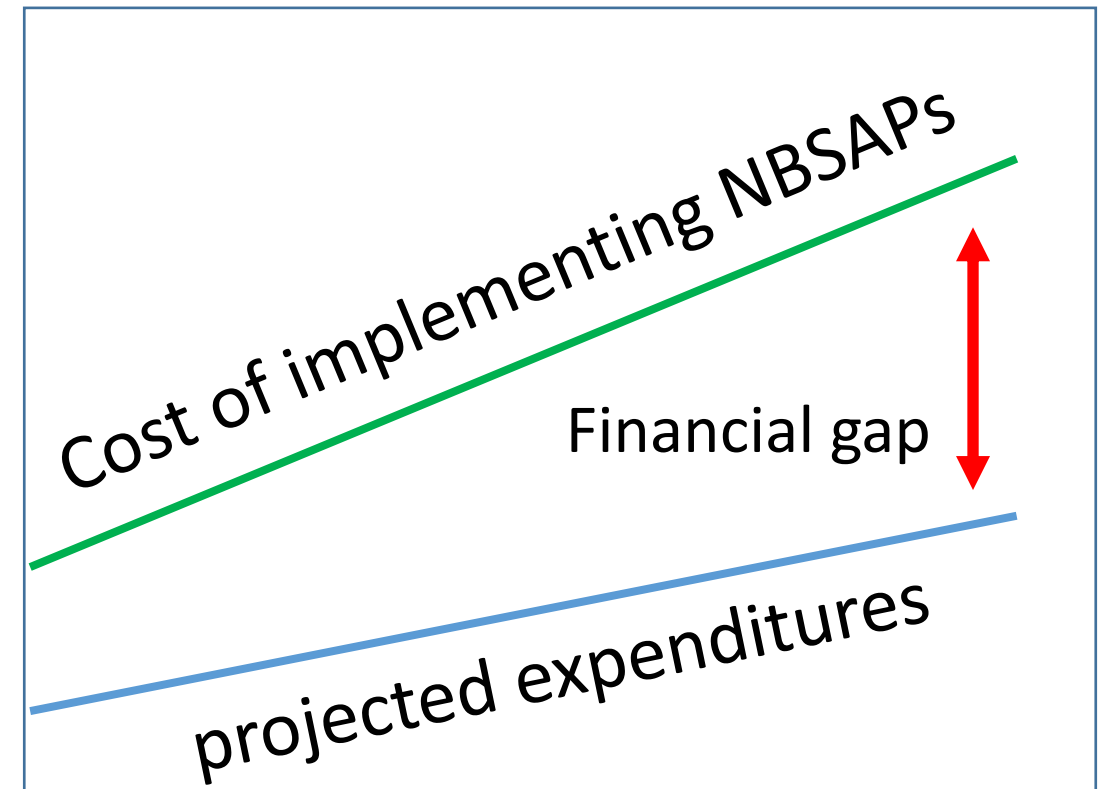
Steps in the BIOFIN Workbook

WORKBOOK 2B: Financial Gap

ASSESS COSTS AND GAP

2a) Costing of strategies and actions

2b) Calculation of the financial gap



Steps in the BIOFIN Workbook

MOBILIZE FINANCIAL RESOURCES

3a) Identify actors, mechanisms

3b) Develop resource mobilization plan

3a) Who are the key finance actors, what are the key finance mechanisms, what are the key finance opportunities?

-Payments for Ecosystem services

-Biodiversity offsets

-Entrance fees

-Green taxes

-Conservation trust fund

Etc etc

Steps in the BIOFIN Workbook

3b) Resource mobilization plan

MOBILIZE FINANCIAL RESOURCES

3a) Identify actors, mechanisms and opportunities

3b) Develop resource mobilization plan

The National Biodiversity Resource Mobilization Plan for Timor-Leste (2013 – 2020)

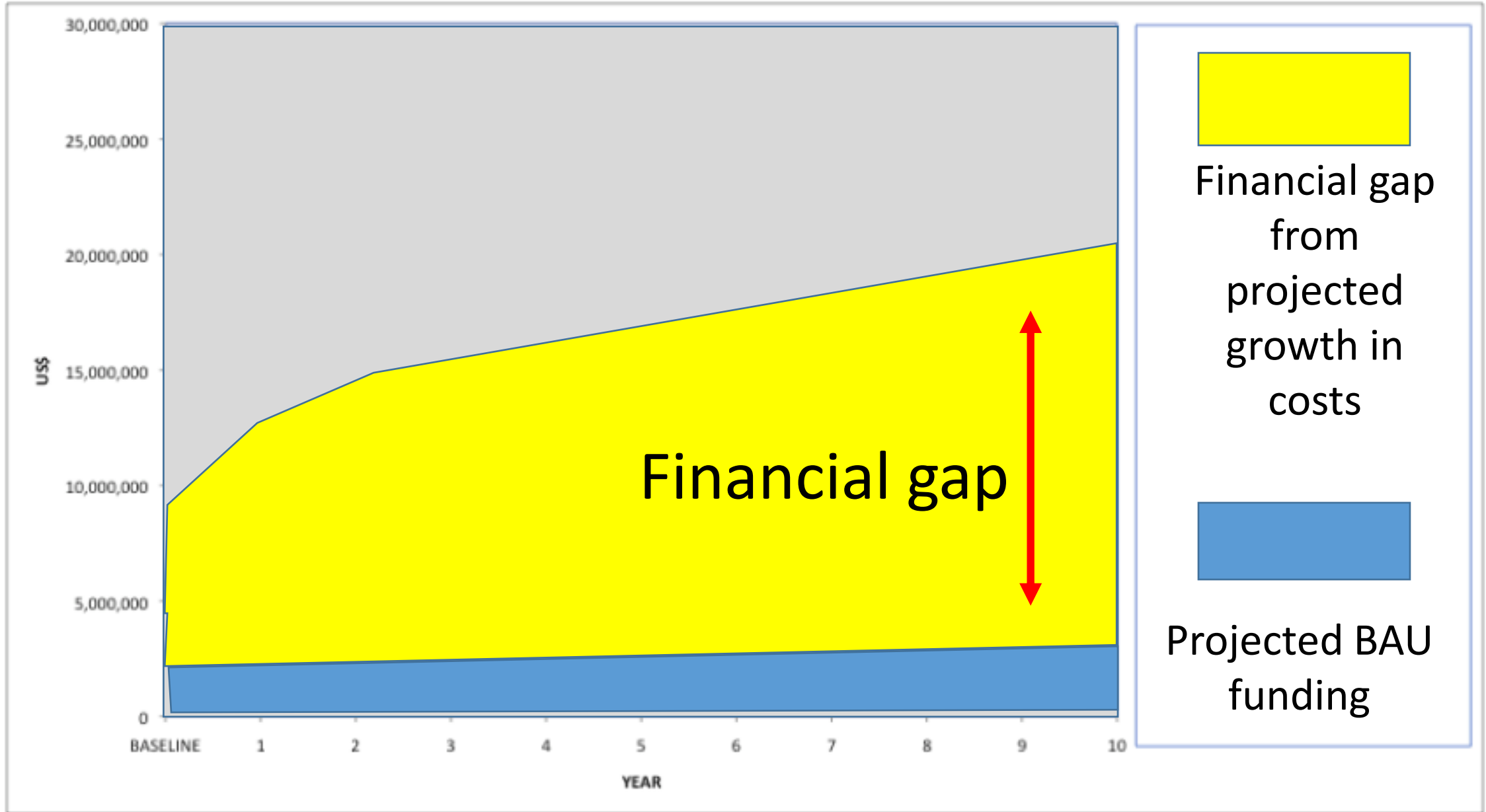


DEMOCRATIC REPUBLIC OF TIMOR-LESTE

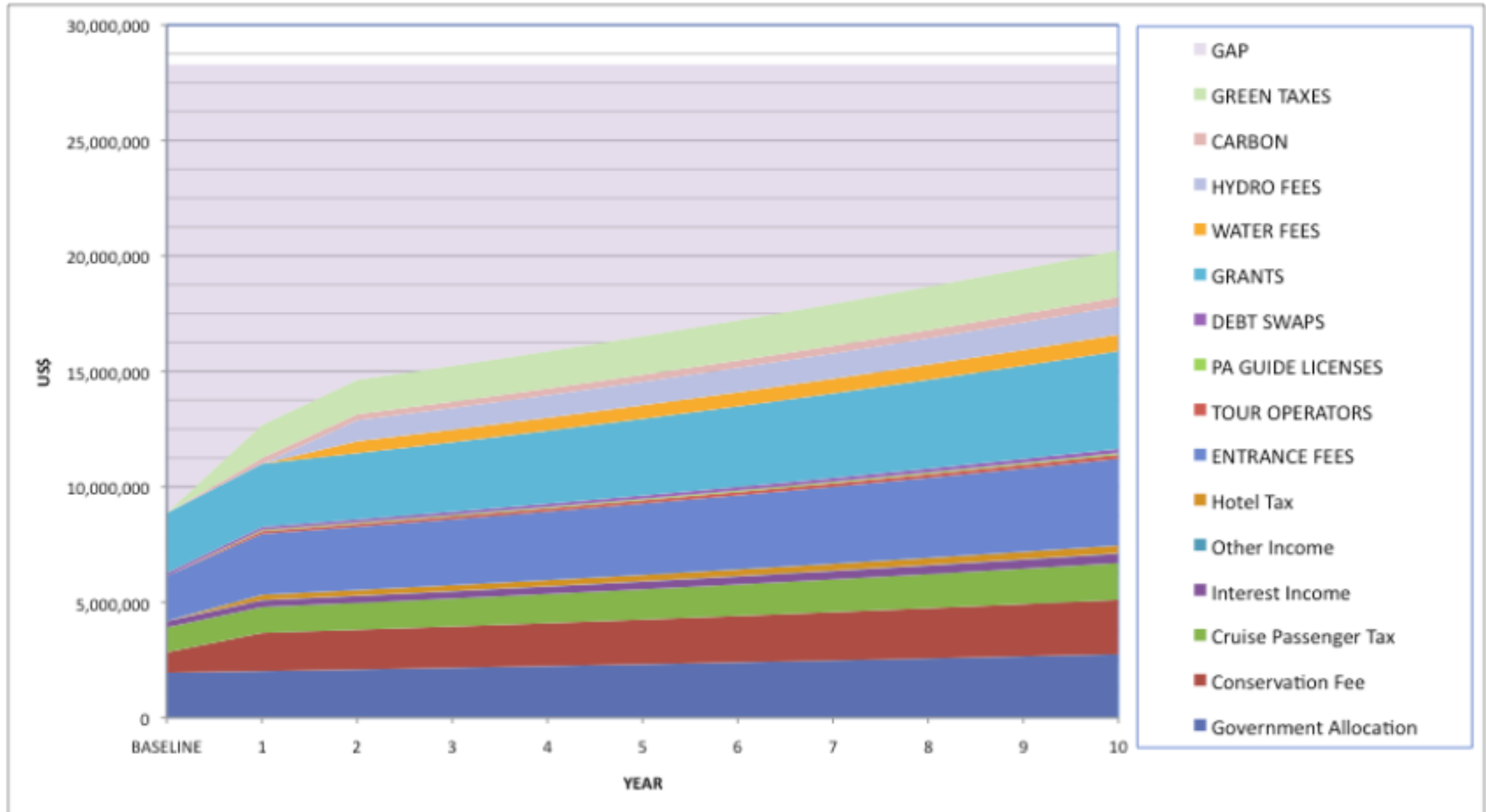


Convention on
Biological Diversity

Financial gap for PAs in Belize



Filling the financial gap for PAs in Belize



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**If your country is interested in joining BIOFIN, Please write an
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Yves.desoye@undp.org

biofin@undp.org



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THANK YOU

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