

## India's comments on GEF-6 Questionnaire

### General comments

- Overall, the questions are too futuristic, and would involve at best guess estimates in answering these.
- Questions 1 and 2 could have been combined
- Two of the four planned outcomes to respond to questions 1,2,4 and 5 are too broad. Outcome 3 on 'Sustainable use and management' includes land use and climate related activities. Outcome 4 on 'Sustainable production and consumption' also includes measures in the wider economy and society. It is extremely difficult to provide information with even reasonable certainty on these, considering that mainstreaming the principles of biodiversity conservation with development sectors is still an uphill task.
- The questions 4 and 5 should have had a column on proportion of GEF funding availed in GEF-4 period, and proposed to be availed in GEF-5 period, in order to understand the trends and requirements of GEF grant.
- It is important to note that GEF provides incremental co-funding for global environmental benefits, a basic principle which is not adequately reflected in the questionnaire. To assess the total funding requirement of countries during a GEF cycle is different from funding from GEF per se.
- Last, but not the least, the utility of undertaking this massive, time-consuming exercise is not clear. How can the Parties to the CBD ensure that GEF receives during its sixth cycle, adequate amount needed for meeting the requirement of Parties based on this financial needs assessment exercise undertaken by them. If this is not the case, this exercise sadly would be futile.

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## **Proforma filled up for Needs Assessment Exercise in Connection with Replenishment Exercise for GEF 6**

The Xth Plan (2002-2007) budgetary support for Ministry of Environment and Forests (MoEF) was Rs 5600 crores while for the XI Plan (2007-2012) it is estimated to be of the order of Rs 8841 crores. This marks an approximate increase of 57.86% over the Xth Plan period. *Estimating on similar increase of 50%, for the MoEF budget for the next 5 years under the XIIth plan(2012-2017), the budgetary support is projected to be Rs 13261.5 crores (USD 2982.03 million) approximately.*

To work out estimates for GEF 6, the XII<sup>th</sup> Plan and 2012-2020 outlays for 3 scenarios of increase viz by 50%, 75% and 100% have been projected over the base year of 2011. The questions listed in the CBD questionnaires were answered using projections based on the level of funding as on 2011 which was extrapolated for increases at the rate of 50%, 75% and 100% from the base year 2011. Also, under Question 3, owing to the peripheral nature of the activities related to conservation, some relevant projects coming under other ministries viz, Ministry of Rural Development, Ministry of Urban Development, Ministry of Earth Sciences and Ministry of Agriculture have been included.

[The conversion rate used: 44.4714 INR to 1 USD in April 2010 (21 days average)]

**Q1.What is the total funding required by the country to meet CBD’s three objectives and the 2020 biodiversity targets (National and International)?\***

Planned Outcomes	Total Amount Needed for 2011-2020 (in Million US\$) (From all sources)				Proportion of the total amount expected from external sources (in %)	Please indicate the source of funding by external sources	Proportion of total amount expected from domestic sources (%)	Please indicate the source of funding from domestic sources	Total funding amount from external sources (Million USD)
	<i>At the same funding level</i>	<i>At 50 % increase</i>	<i>At 75 % increase</i>	<i>At 100 %increase</i>					
<b>Biodiversity protection</b>	1246.68	1870.02	2181.69	2493.36	5.473738	GEF, UNDP	94.52626	Centrally funded	68.24
<b>Policy development and administration</b>	226.665	339.9975	396.66375	453.33	2.205899	GEF, UNDP	97.7941	Centrally funded	5
<b>Sustainable use and management</b>	2721.69	4082.535	4762.9575	5443.38	23.15216	World Bank, JBIC, UNDP	76.84784	Centrally funded	630.13
<b>Sustainable production and consumption</b>	3221.55	4832.325	5637.7125	6443.1	2.184663	GEF, DFID	97.81534	Centrally funded	70.38

**Qn1: Methodology for estimation of per annum amount needed:**

(a) *Sources for Bio diversity protection :*

MoEF 2010-2011 budget outlay for Forestry and Wildlife and Animal welfare = Rs 616 crores = *138.52 million USD per annum*

(b) *Sources relied upon for 'Policy development & administration' :*

MoEF XI five year budget outlay for 'Institutions and Capacity building' = Rs 560 crores for 5 years = *25.185 million USD per annum*

(c) *Sources for data on 'Sustainable use and management':*

\*MoEF 2010-2011 budget outlay for the following schemes: River conservation & environment = Rs. 1231.87 crores

\*Department of Agriculture (DoA) 2010-2011 budget outlay for the following schemes: Rainfed area development programmes & Natural Resource Management = 90.28 crores

\*Department of Animal Husbandry (DoAH) 2009-2010 budget outlay for the following schemes: Development of inland fisheries and aquaculture & Conservation of Threatened Livestock Breeds = 22.7 crores

Total = 1344.85 crores = *302.41 million USD per annum*

(d) *Sources for data on 'Sustainable production and consumption'*

\*MoEF 2010-2011 budget outlay for National Afforestation – Rs 352 crores

\*MoRD 2009-2010 budget outlay for the following schemes: Integrated Wastelands Development Programme, Drought Prone Areas Programme, Desert Development Programme & Integrated Watershed Management Programme = 1239.87 crores

Total = Rs. 1591.87 crores = *357.95 million USD per annum*

*Foreign Aid (only projects still active in 2010-2011):*

(a) Data Sources for Biodiversity Protection:

\* GOI-UNDP CCF Project II (CBNRM) - USD 3 million for 4 yrs

\*UNDP-GEF Small grants - 0.5 million for 5 years

\* UNDP - GOI CCF II Programme on Promoting Conservation of Medicinal Plants and Traditional Knowledge for Enhancing Health – USD 3 million for 4 yrs

\* UNDP - GOI - GEF Project on Mainstreaming Conservation and Sustainable Use of Medicinal Plant in Biodiversity– USD 4.935 mn for 3 yrs

\*GEF – Climate change – 4.33721 million per annum

Total = USD 7.58221 million per annum

(b) Data Sources for Policy development:

\*BD (Act) – GEF \$4 million & UNDP \$1 million

Total = USD 5 million

(c) Data Sources for Sustainable use and management

\*Integrated Coastal Zone Management (ICZM) – World Bank - USD 262 million for 5 years

\*Mangroves for Future – IUCN – \$150000 for 2 yrs

\*YAP – 13.33 bn Yen (624 crores) for 8 yrs = \$140.31 million

Total = USD 70.014 million per annum

(d) Sustainable production and consumption

\*Rural livelihood Project in Orissa - DFID - 230 crores for 10 years

\*GEF – Land degradation - 2.643780 million per annum

Total = USD 7.82 million

**Q2. What is the total funding required by the country to meet CBD's three objectives & the 2020 targets during 2014-2018?**

Planned Outcomes	Total Amount Needed for 2014-2018 (in Million US\$) (From all sources)				Proportion of the total amount expected from GEF6 July 2014-June 2018 (in %)	Proportion of total amount expected from other (non-GEF) external sources (%)	Please indicate the source of funding from other external sources (non-GEF)	Proportion of total amount expected from domestic sources (%)	Please indicate the source of funding from domestic sources
	<i>At the same funding level</i>	<i>At 50 % increase</i>	<i>At 75 % increase</i>	<i>At 100 % increase</i>					
<b>Biodiversity protection</b>	554.08	831.12	969.64	1108.16	1.444043 321	5.454487 118	UNDP	93.10146 956	Centrally funded
<b>Policy development and administration</b>	100.74	151.11	176.295	201.48	0	0.022	UNDP	99.978	Centrally funded
<b>Sustainable use and management</b>	1209.64	1814.46	2116.87	2419.28	0.992030 687	22.33906 139	World Bank, JBIC, UNDP	76.66890 792	Centrally funded
<b>Sustainable production and consumption</b>	1431.8	2147.7	2505.65	2863.6	1.117474 508	4.958793 128	UNDP	93.92373 236	Centrally funded

**Qn 2: Methodology for estimation of per annum amount needed:**

\*Per annum estimations for MoEF same as Q1

*Estimation of GEF funding in India<sup>1</sup>:*

*Total GEF funding in India under implementation in 2010-2012:*

Biodiversity – (Total project funding/no. of years of project) = \$ (7,650,000/10 + 4,935,000/5) = USD 1.752 mn per annum

Climate change adaptation - \$ (3,500,000/5) = USD 700,000 (0.7 mn) per annum

Climate change mitigation - \$ (4,017,000/11 + 5,650,000/6 + 6,750,000/8 + 950,000/4 + 4,050,000/4 + 696,448/4 + 250,000/4) = USD 3637210 (3.637210 mn) per annum

Land degradation - \$ (909,091/3 + 5,763,000/4 + 3,600,000/4) = USD 2643780 (2.643780 mn) per annum

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<sup>1</sup>[http://www.undp.org/gef/document/project by region/Asia and Pacific project list.pdf](http://www.undp.org/gef/document/project%20by%20region/Asia%20and%20Pacific%20project%20list.pdf)



**Q3.How would you allocate the total funding required by the country among the 2020 biodiversity targets?**

<b>Funding needs by target Indicate planned outcome when possible</b>	<b>Total Amount Needed for 2011-2020 (in Million US\$) projected at 100% increase</b>	<b>Total Amount Needed for 2011-2020 (in Million US\$) projected at 75% increase</b>	<b>Total Amount Needed for 2011-2020 (in Million US\$) projected at 50% increase</b>	<b>Total Amount Needed for 2011-2020 (in Million US\$) projected at same levels</b>	<b>Total Amount Needed for 2014-2018 (in Million US\$)</b>	<b>Proportion expected from GEF-6 July 2014 - June 2018 (when applicable )</b>	<b>Proportion expected from other external sources (%) 2014-2018</b>	<i>Please indicate the source of funding</i>	<b>Proportion expected from domestic sources (%) 2014-2018</b>	<i>Please indicate the source of funding</i>	<b>Schemes Considered</b>
<b>Target 1: Awareness of biodiversity values</b>	12.14263549	10.62480606	9.106976619	6.071317746	2.698363443	NA	NA		100	Central Government	Tribal development + National Environmental Awareness Campaign
<b>Target 2: Integration of biodiversity value</b>	80.5229968	70.4576222	60.3922476	40.2614984	17.89399929	44.70772503	NA	UNDP	55.29227497	Central Government	National Afforestation and Ecodevelopment Board
<b>Target 3: Incentives</b>	360.2315196	315.2025796	270.1736397	180.1157598	80.0514488	30	NA		70	Central Government	Integrated Forest Protection Scheme
<b>Target 4: Sustainable production and consumption</b>	6443.1	5637.7125	4832.325	3221.55	1431.8	0.99	22.34	World Bank, JBIC	76.67	Central Government	

<b>Target 5: Habitat loss, fragmentati on and degradatio n</b>	2282.8154 72	1997.4635 38	1712.1116 04	1141.4077 36	507.29232 72	NA	NA		100	Central Governmen t	National Wetland Conservatio n Plan, Desert Developme nt Programme & Integrated wasteland Developme nt Programme
<b>Target 6: Sustainable exploitatio n of marine resources</b>	390.25246 86	341.47091	292.68935 15	195.12623 43	86.722770 81	NA	NA		100	Central Governmen t	Developme nt of marine & inland fisheries and aquaculture, Integrated coastal and marine area managemen t
<b>Target 7: Biodiversit y-friendly agriculture, forestry and aquacultur e</b>	101.18862 91	88.540050 46	75.891471 82	50.594314 55	22.486362 02	NA	NA		100	Central Governmen t	Rainfed area developmen t programme s, National Programme on Organic Farming
<b>Target 8: Pollution reduction</b>	1943.5097 61	1700.5710 41	1457.6323 21	971.75488 07	431.89105 81	NA	23.15	World Bank, JBIC	76.85	Central Governmen t	Environmen t budget of MoEF

<b>Target 9: Control of invasive alien species</b>	242.85270 98	212.49612 11	182.13953 24	121.42635 49	53.967268 85	NA	NA		100	Central Governmen t	Plant protection (pest managemen t)
<b>Target 10: Coral reefs and other vulnerable ecosystems</b>	24.285270 98	21.249612 11	18.213953 24	12.142635 49	5.3967268 85	NA	NA		100	Central Governmen t	Mangroves
<b>Target 11: Protected areas</b>	803.45095 98	703.01958 98	602.58821 99	401.72547 99	178.54465 77	NA	NA		100	Central Governmen t	Project Tiger
<b>Target 12: Prevented extinction of threatened species</b>	2396.6324 42	2097.0533 87	1797.4743 32	1198.3162 21	532.58498 72	NA	NA		100	Central Governmen t	Forestry and wildlife budget
<b>Target 13: Genetic diversity of socio- economical ly and culturally valuable species</b>	404.75451 64	354.16020 18	303.56588 73	202.37725 82	89.945448 09	25	10	Canad a	65	Central Governmen t	
<b>Target 14: Ecosystem services</b>	2428.5270 98	2124.9612 11	1821.3953 24	1214.2635 49	539.67268 85	10	NA		90	Central Governmen t	
<b>Target 15: Climate change and resilience</b>	30437.089 9	26632.453 67	22827.817 43	15218.544 95	6763.7977 57	0.2542950 07	36	UNFCC C (CDM)	64	Central Governmen t	Intensificati on of forest Managemen t, CAMPA, NREGA, National Solar

											Mission, National Mission for Enhanced Energy Efficiency, National Mission on Sustainable Habitat, National Water Mission, National Mission for Sustaining the Himalayan Ecosystem, National Mission for a Green India, National Mission for Sustainable Agriculture, National Mission on Strategic Knowledge for Climate Change
<b>Target 16: Access and Benefit Sharing (ABS)</b>	1798.9089 62	1574.0453 42	1349.1817 21	899.45448 09	399.75754 7	2	70	JICA	28	Central Government	

<b>Target 17: National strategies and action plans</b>	404.75451 64	354.16020 18	303.56588 73	202.37725 82	89.945448 09	20	20	JICA, WB	60	Central Governmen t	
<b>Target 18: Traditional knowledge and customary use</b>	80.950903 28	70.832040 37	60.713177 46	40.475451 64	17.989089 62	60	20	JICA, WB	20	Central Governmen t	
<b>Target 19: Biodiversit y knowledge improvement &amp; transfer</b>	37.903926 32	33.165935 53	28.427944 74	18.951963 16	8.4230947 37	NA	65	World Bank, Canad a	35	Central Governmen t	
<b>Target 20: Resources in support of the Convention</b>	10.000202 38	8.7501770 8	7.5001517 83	5	2.2222671 95	99	NA	NA	1	Central Governmen t	
<b>Total Amount needed</b>	<b>50683.87 49</b>	<b>44348.390 53</b>	<b>38012.906 17</b>	<b>25342</b>							

### Q 3: Methodology for estimation of per annum amount needed:

\*Per annum estimations for MoEF same as Q1

\*\*For non-core programmes under allied Ministries, the budget outlay for schemes active in the financial years 2009-2010 & 2010-2011 were used as per annum base.

**Q4. Assessment of needs and funding patterns during 2010-2014 (GEF-5)**

Planned Outcomes	What were your total needs for funds on biodiversity for the period 2010-2014? (in million US\$)				What amount was covered by domestic sources? (in Million US\$)	Please indicate the source of funding	What percentage was met by non-GEF external sources? (%)	Please indicate the source of funding	Total % of external funding
	<i>At the same funding level</i>	<i>At 50 % increase</i>	<i>At 75 % increase</i>	<i>At 100 % increase</i>					
<b>Biodiversity protection</b>	554.08	831.12	969.64	1108.16	523.771824	Centrally funded	4.026165175	UNDP	5.47
<b>Policy development and administration</b>	100.74	151.11	176.295	201.48	98.513646	Centrally funded	2.21	UNDP	2.21
<b>Sustainable use and management</b>	1209.64	1814.46	2116.87	2419.28	929.60834	Centrally funded	21.82729242	World Bank, JBIC, UNDP	23.15

<b>Sustainable production and consumption</b>	1431.8	2147.7	2505.65	2863.6	1400.44358	Centrally funded	1.351894119	UNDP	2.19
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**Qn 4 : Methodology for estimation of per annum amount needed:**

\* Per annum estimations for MoEF same as Q1

**Q5. Assessment of needs and funding patterns during 2006-2010 (GEF-4)**

<b>Planned Outcomes</b>	<b>What were your total needs for funds on biodiversity for the period 2006-2010? (in million US\$)</b>	<b>What amount is expected to be covered by domestic sources (in Million US\$)</b>	<i>Please indicate the source of funding</i>	<b>What percentage is expected to be met by non-GEF external sources? (%)</b>	<i>Please indicate the source of funding</i>
<b>Biodiversity protection</b>	406.7130785	5.48	Centrally funded	4.03	UNDP
<b>Policy development and administration</b>	100.74	2.21	Centrally funded	2.21	UNDP
<b>Sustainable use and management</b>	228.938149	23.15	Centrally funded	23.15	World Bank, JBIC, UNDP
<b>Sustainable production and consumption</b>	331.462468	2.19	Centrally funded	2.19	UNDP

**Qn 5: Methodology for estimation of per annum amount needed:**

\*Source: Budget outlays of MoEF from 2006-2010.



