



**United Nations Development Programme – INDIA  
CPAP 2008-2012  
Annual Work Plan 2011 (January - December)**

**Project Title: Mainstreaming Conservation and Sustainable Use of Medicinal Plant Diversity in three Indian States**

Award ID: 00042968

Project ID: 00049929

Project Start and end date: January 2008 - December 2012

Corresponding CP Outcome(s): Progress towards meeting national commitments under multilateral environmental agreements

Corresponding CP Output(s): National efforts supported towards conservation and management of natural resources

**PROJECT RESULTS:**

Project Outcome	Indicators	Baseline
Outcome 1: Mainstreaming the conservation and sustainable use of Medicinal and Aromatic Plants (MAPs) through harmonization of forest management policies and practices at the national level.	<ol style="list-style-type: none"> <li>1. Consultation Reports on existing strategies/policies, Joint Forest Management (JFM) Guidelines and other legal mechanism on conservation and management of MAPs at the national level prepared and shared with partners.</li> <li>2. Prototype strategy for threat assessment and monitoring of the conservation status of MAPs developed and shared with partners.</li> </ol>	<p>Existing Forest Policies/ JFM Guidelines / legal mechanism do not give specific emphasis for conservation and management of MAPs (2010).</p> <p>The present strategy for threat assessment i.e. CAMP not exhaustive (2010).</p> <p>Current list of potential species from National Medicinal Plant Board is not comprehensive and not based on field testing hence need scientific field validation (2010).</p>
Outcome 2: Forest Management Policies in the three project states promote and support the conservation and sustainable use of medicinal and aromatic plants.	<ol style="list-style-type: none"> <li>1. Consultation reports on the a) State level policies, b) JFM Guidelines, c) Schemes and Models related to afforestation and income generation strategies and d) Working Plans relating to the conservation and sustainable use of MAPs prepared and shared with partners.</li> <li>2. Database for MAPs in the project states prepared/ strengthened.</li> </ol>	<p>No specific focus on MAPs in Forest policies/ JFM Guidelines/ Schemes and Models related to afforestation and income generation strategies/Forest Working Plans of project states (2010).</p> <p>Existing database on MAPs in project states are not comprehensive (2010).</p>

<p>Outcome 3: Procedure for conservation and sustainable use of MAPs mainstreamed at local level into government and community management norms and practices at demonstration sites in three project states</p>	<p>1. Draft Reports on the Critical appraisal of the existing Conservation Assessment and Management Plan Prioritization (CAMP) completed in Government forests as well as community owned land.  2. Local Management Groups (LMG) formed in five established Medicinal Plant Conservation Areas (MPCAs)/ Forest Gene Banks (FGBs) in each state.  3. Capacity development plan for communities prepared and one training programme for State Forest Department (SFD) officers conducted for the conservation and sustainable use of MAPs.</p>	<p>None (2010)</p> <p>LMGs have been identified. 21 MPCAs/FGBs are have been identified and establishment of these sites are under progress (2010)</p> <p>The capacity building of LMG groups has been initiated in all the three states. Two programmes have been conducted on methodology of documentation of traditional knowledge and sustainable collection (2010)</p>
<p>Outcome 4. Materials and methods developed for replicating successful models of conservation and sustainable use of medicinal plants across other sites in the three states and more broadly.</p>	<p>1. At least three exchange visits conducted to understand the <i>in-situ</i> and <i>ex-situ</i> methods and approaches to the conservation and sustainable use of MAPs.</p>	<p>None (2010)</p>
<p>Outcome 5. Effective project monitoring, evaluation, documentation of lessons learnt and adaptive management</p>	<p>1. Development of Annual Work Strategies and Plans for 2010 and beyond.  2. Dissemination of reports</p>	<p>Annual Work Plan 2010 done (2010).  Project brochure prepared in Uttarakhand and Chhattisgarh (2010)</p>

**PROJECT AND AWP 2011 BUDGET:**


UNDP/GEF funds	Government funds	Donor funds*	Total
<p>USD 4,935,000 (for entire project duration)</p>	<p>USD 6,448,121 (co-financing)</p>	<p>-</p>	<p>USD11,414,121 (for entire project duration)</p>
		<p>-</p>	<p>USD 615,000 (for 2011) (UNDP funds)*</p>

\*Subject to availability of funds

**PROJECT BUDGET AND EXPENDITURE so far:**

Total Project Budget (GEF) \$	Actual Exp in 2008 (\$)	Actual Exp in 2009 (\$)	Expenditure in 2010 (\$)	Budget in 2011 (\$)	Balance Project Funds (\$) (2012-13)
4,935,000	13,578	568,224	314,572	615,000	3,423,626

Agreed by (Implementing Partner):

x  23/3/2011

Agreed by UNDP



B. P. NILARATNA IAS  
Joint Secretary  
Min. of Environment & Forests  
Govt. of India, New Delhi

Date: 29 March 2011

**Caitlin Wiesen**  
**UNDP Country Director**

## ANNUAL WORK PLAN FOR THE YEAR 2011

Project Targets for 2011 (Output)	PLANNED ACTIVITIES	Indicative month of completion	Respons ible party	Atlas Code & Budget amount (USD)
<b>Outcome 1: An Enabling Environment for Mainstreaming the Conservation and Sustainable Use of MAPs into Forest Management Policies and Practices at the National Level.</b>				
<b>Target 1.1</b> National forest policy and strategy made more responsive to linkages amongst sustainable use, cultivation and the conservation of medicinal plants	<ul style="list-style-type: none"> <li>• Identification of Agencies to undertake the task</li> <li>• Review of existing strategies/policies on MAPs.</li> <li>• 1st round national/ regional level consultation with the stakeholders</li> <li>• Preparation of draft report on consultation with stakeholders.</li> </ul>	March	MoEF	71600-Travel-5,000
		June		72100-Contractual services- 15,000
		October		74500-Misc. expenses-5,000
		December		
<b>Total</b>				<b>25,000</b>
<b>Target 1.2</b> Revised national guidelines for JFM developed by MoEF with improved focus on the conservation and sustainable harvesting of medicinal plants, especially GSMPs	<ul style="list-style-type: none"> <li>• 1st round national/regional level consultation with the stakeholders</li> <li>• National consultative workshop for finalization of draft guidelines</li> <li>• Preparation of draft report/guidelines</li> </ul>	June	MoEF	71600-Travel- 5,000
		October		72100-Contractual services- 20,000
		November		74500- Miscellaneous- 5,000
<b>Total</b>				<b>30,000</b>
<b>Target 1.3</b> Legal mechanisms developed to protect traditional knowledge specially relating to the sustainable harvest, cultivation and use of medicinal plants within the guidelines of the Biological Diversity Act 2002	<ul style="list-style-type: none"> <li>• Inception workshop</li> <li>• 1st round field survey and consultations at various levels</li> <li>• Conducting a 'National Workshop on Bio-protocols related to medicinal Plants'</li> </ul>	March	MoEF	72100-Contractual services-12,000
		December		71600-Travel- 5,000
		December		74500- Miscellaneous-8000
<b>Total</b>				<b>25,000</b>
<b>Target 1.4</b> Development of criteria for identifying and evaluating the suitability of medicinal plant species for cultivation and potential inclusion in Govt. planting programmes	<ul style="list-style-type: none"> <li>• Preparation of ToRs</li> <li>• Selection of Agency to undertake the task</li> <li>• Inception workshop</li> <li>• Review of secondary information and state and regional consultations</li> </ul>	February	MoEF	71600-Travel-2,000
		April		72100-Contractual services-5,000
		June		74500- Miscellaneous-3,000
		Year round		
<b>Total</b>				<b>10,000</b>

<b>Target 1.6</b> Long term strategy for threat assessment and monitoring the conservation status of medicinal plants in India	<ul style="list-style-type: none"> <li>• Review of literature</li> <li>• Identification and designation of networking institutions for capacity building</li> <li>• Consultation and orientation workshops at the state level</li> </ul>	<p>March April</p> <p>December</p>	MOEF	This activity will be continued from the previous year's release
<b>Total</b>				<b>0.00</b>
<b>Subtotal for Outcome 1</b>				<b>90,000</b> ✓
<b>Outcome 2: Forest Management Policies in the Three Project States Promote and Support the Conservation and Sustainable Use of Medicinal and Aromatic Plants</b>				
<b>Target 2.1.</b> Develop medicinal plant conservation and sustainable management strategies for Arunachal Pradesh, Chhattisgarh & Uttarakhand	<ul style="list-style-type: none"> <li>• Preparation of ToRs</li> <li>• Selection of Agency to undertake the task</li> <li>• Inception workshop</li> <li>• Review of secondary information</li> <li>• State and regional/ local level consultation</li> </ul>	<p>February March</p> <p>April June</p> <p>November</p>	State Nodal Agency	<p>71600-Travel-2,000</p> <p>72100-Contractual services-15,000</p> <p>74500-Miscellaneous -4,000</p>
<b>Total</b>				<b>21,000</b>
<b>Target 2.3.</b> Revise JFM orders and guidelines for states. States analyze the social profiles in different forestry contexts and relate it to the FRA and JFM situation and prepare for the eventual transformation.	<ul style="list-style-type: none"> <li>• Preparation of ToRs</li> <li>• Selection of Agency to undertake the task</li> <li>• Inception workshop</li> <li>• Review of secondary information</li> <li>• State and regional/ local consultations</li> <li>• Preparation of draft Final Report</li> </ul>	<p>February March</p> <p>April June</p> <p>November December</p>	States Nodal agency	<p>71600-Travel-4,000</p> <p>72100-Contractual services-15,000</p> <p>74500-Miscellaneous -2,000</p>
<b>Total</b>				<b>21,000</b>

<p><b>Target 2.5.</b> a) To develop the capacities of the SMPBs in each of the three project states strengthened to enable these to function inter-sectorally and fulfill their mandate in the respective states.</p> <p>b) To understand the market dynamics of key (at least three selected) MAPs in the state</p>	<ul style="list-style-type: none"> <li>• Preparation of TORs to undertake need assessment for capacity development of SMPBs and to understand the market dynamics of key MAPs in the state.</li> <li>• Identification of Agencies to undertake the tasks</li> <li>• Consultation Workshops and review of secondary information.</li> <li>• Development of strategy for capacity building</li> <li>• Draft report on market dynamics</li> </ul>	February	States Nodal agency	71600-Travel-4,000
		April		72100-Contractual services- 20,000
		September		74500-Miscellaneous -6000
		December		
		December		
<b>Total</b>				<b>30,000</b>
<p><b>Target 2.6.</b> Identification of MAP species for cultivation and inclusion in the species lists used for afforestation and income generation programmes (Of the NAEB and MoRD at the state and SFDs and State Rural Development Boards for each of the three project states).</p>	<ul style="list-style-type: none"> <li>• Preparation of ToRs</li> <li>• Selection of Agency to undertake the task</li> <li>• Inception workshop</li> <li>• Review of secondary information and state and regional consultation</li> <li>Preparation of draft Final Report</li> </ul>	February	States Nodal agency	71600-Travel-4000
		April		72100-Contractual services-10,000
		May		
		November		74500-Miscellaneous -4,000
<b>Total</b>				<b>18,000</b>
<p><b>Target 2.7.</b> Revised Forest Division Working Plans that provide clear guidelines for the conservation management of MAPs in all project districts</p>	<p><b>Phase I</b></p> <ul style="list-style-type: none"> <li>• Preparation of ToRs</li> <li>• Selection of Agency to undertake the task</li> <li>• Inception workshop</li> <li>• Review of secondary information and state and local consultation</li> <li>• Preparation of draft document on the extent and dynamics of collection, conservation and trade of medicinal plants at the selected site level.</li> <li>• Capacity development consultations</li> </ul>	February	States Nodal agency	71600-Travel-4,000
		March		72100-Contractual services-20,000
		April		74500-Miscellaneous -6,000
		Year round		
		December		
		November		
<b>Total</b>				<b>30,000</b>

<b>Target 2.8.</b> Comprehensive baseline and Monitoring & Evaluation system developed for monitoring the status of medicinal plant resources in each project state	<ul style="list-style-type: none"> <li>• Compilation of existing published and unpublished information on MAPs in the State</li> <li>• Field surveys and botanical identification for creating the baseline</li> <li>• Creation of database for MAPs in the State</li> </ul>	August  Year round  December	States Nodal agency	71600-Travel- 4,000 72100-Contractual services-40,000 74500-Miscellaneous -2,000
<b>Total</b>				<b>46,000</b>
<b>Subtotal of Outcome 2</b>				<b>166,000</b> ✓
<b>Outcome 3: Conservation and Sustainable Use of MAPs Mainstreamed at Local Level into Government and Community Management Norms and Practices at Demonstration Sites in Three Project States</b>				
<b>Target 3.1.</b> Demonstration of in-situ and ex- situ conservation management, including sustainable use of MAP diversity, especially (Globally Significant Medicinal Plants) GSMPs in state forests in the three project states	<ul style="list-style-type: none"> <li>• Finalize the list of prioritized/ GSMP species based on existing data or through CAMP Workshop</li> <li>• Conduct baseline studies on ecological parameters</li> <li>• Botanical survey during 3 seasons and herbarium preparation</li> <li>• Organize village Botanist (Trainers of trainees) TOT at FRLHT</li> <li>• Initiate the establishment of herbal gardens and seed centres</li> <li>• Baseline study for developing the strategy for sustainable collection practices and implement the strategy for sustainable harvest</li> </ul>	Year round  Year round  Year round  March  March  December	States Nodal agency	71600-Travel- 6,000 72100-Contractual services- 35,000 74200-Publicity- 3,000 72500-Supply-3,000 74500-Miscellaneous -3,000
<b>Total</b>				<b>50,000</b>
<b>Target 3.2.</b> Strengthen MAP conservation management capacity within SFDs	<ul style="list-style-type: none"> <li>• Preparation of training module</li> <li>• Identify the team (SFDs and local communities) for training</li> <li>• Organize the training programmes for building capacity on MAP conservation and management at FRLHT.</li> </ul>	April  April  April-Dec	States Nodal agency	71600-Travel-5,000 72100-Contractual services-13,000 74200-Publicity-3000 72500-Supply-2000 74500-Miscellaneous -2000
<b>Total</b>				<b>25,000</b>

<p><b>Target 3.3.</b> Pilot demonstration sites established for the in-situ and ex-situ conservation and sustainable management of MAPs in community owned and managed lands</p>	<ul style="list-style-type: none"> <li>• Establishing sites with reference to CAMP report and GSMPs presence</li> <li>• Preparation of action plan for selected sites</li> <li>• Initiating the demarcation of sites and species for developing sustainable harvesting protocols</li> <li>• Botanical survey during 3 seasons and herbarium preparation</li> <li>• Laying out ecological survey and monitoring plots</li> <li>• Organize village Botanist TOT.</li> <li>• Initiate the establishment of herbal gardens and seed centres</li> <li>• Strengthening Local Management Groups (LMG)</li> </ul>	<p>February</p> <p>March</p> <p>March</p> <p>Year round</p> <p>Year round</p> <p>March</p> <p>April</p> <p>Year round</p>	<p>States Nodal agency</p>	<p>71600-Travel-3,000</p> <p>72100-Contractual services-15,000</p> <p>74200-Publicity-1,000</p> <p>72500-Supply-1,000</p> <p>74500-Miscellaneous -5,000</p>
<b>Total</b>				<b>25,000</b>
<p><b>Target 3.4.</b> Improved community capacity for the conservation and sustainable use of MAPs</p>	<ul style="list-style-type: none"> <li>• Review of existing capacity of the local communities</li> <li>• Consultations meetings, field visits etc</li> <li>• Formulation of capacity development plan in collaboration with communities</li> <li>• Implementation of training module</li> </ul>	<p>February</p> <p>April</p> <p>June</p> <p>July</p>	<p>States Nodal agency</p>	<p>71300-Local consultant -4,000</p> <p>71600-Travel-4,000</p> <p>72100-Contractual services-20,000</p> <p>74500-Miscellaneous -2,000</p>
<b>Total</b>				<b>30,000</b>



<p><b>Target 3.5.</b> Improved community capacity for documenting and conserving traditional knowledge relating to MAPs, including traditional medicine, harvesting techniques and how to protect their IPRs</p>	<ul style="list-style-type: none"> <li>• Consultative workshop on assessing the existing capacity on traditional knowledge documentation procedures</li> <li>• Village level data collection</li> <li>• Documentation of LHTs</li> <li>• Capacity development programmes on traditional knowledge documentation Making of CKRs</li> <li>• Baseline Survey for home herbal gardens</li> <li>• Species Prioritization &amp; HHG planning</li> </ul>	<p>February</p> <p>Year round</p> <p>Year round</p> <p>May</p> <p>April</p> <p>May</p>	<p>States Nodal agency</p>	<p>71300-Local consultant -5000</p> <p>71600-Travel-5,000</p> <p>72100-Contractual services-15,000</p> <p>74200-Publicity-1000</p> <p>74500-Miscellaneous 4000</p>
<b>Total</b>				<b>30,000</b>
<b>Subtotal of Outcome 3</b>				<b>160,000</b>
<p><b>Outcome 4. Materials and Methods Developed for Replicating the Successful Models of Conservation and Sustainable Use of Medicinal Plants Across Other Sites in the Three States and More Broadly.</b></p>				
<p><b>Target 4.1</b> Demonstration of <i>in-situ</i> and <i>ex-situ</i> methods and approaches to the conservation and sustainable use of MAPs through exchange visits between project sites and replication states.</p>	<ul style="list-style-type: none"> <li>• Preparation of ToR for development of replication strategy based on the experiences from project implementation</li> <li>• Identification of Agency for taking the task</li> <li>• Finalization of replication strategy</li> <li>• Stakeholders meeting to disseminate the replication strategies and methods</li> <li>• Exposure visits</li> <li>• Convene a national workshop on innovative approaches for the conservation of medicinal plants</li> </ul>	<p>February</p> <p>April</p> <p>May</p> <p>May</p> <p>Year round</p> <p>December</p>	<p>Project states/ Replication States</p>	<p>71300-Local consultant-3,000</p> <p>71600-Travel-3,000</p> <p>72100-Contractual services-15,000</p> <p>74500-Miscellaneous 4000</p>
<b>Total</b>				<b>25,000</b>
<p><b>Target 4.2</b> To develop capacities of SMPBs of the 4 replication states based on experience of SMPBs in project states</p>	<ul style="list-style-type: none"> <li>• Preparation of ToR</li> <li>• Selection of Agency to undertake the task</li> <li>• Consultation/ workshop Finalization of strategy</li> </ul>	<p>June August</p> <p>Year round</p>	<p>Replication States</p>	<p>71600-Travel-1,000</p> <p>72100-Contractual services- 8,000</p> <p>74500-Miscellaneous -1000</p>

				<b>Total</b>	<b>10,000</b>
				<b>Subtotal of Outcome 4</b>	<b>35,000</b>
<b>Outcome 5. Effective Project Monitoring and Evaluation, Lessons Learning and Adaptive Management</b>					
<b>Target 5.1</b> Effective project monitoring, evaluation, documentation of lessons learnt and adaptive management	<ul style="list-style-type: none"> <li>• Preparation of ToR for Development of effective project management system</li> <li>• Identification of Agency</li> <li>• Stakeholders consultation</li> <li>• Development of M&amp;E system</li> <li>• Implementation of the management systems</li> <li>• Monitoring and evaluation</li> <li>• Preparation of reports</li> </ul>	January	MoEF	71300-Local consultant-5,000	
		January		71600-Travel-5,000	
		May		72100-Contractual services-20,000	
		June		74500-	
		December		Miscellaneous - 10000	
		Year round			
				<b>Total</b>	<b>40,000</b>
				<b>Subtotal of Outcome 5</b>	<b>40,000</b>
<b>Project Management Cost</b>					
<b>State Project Management Unit (SPMU)</b>				71300-Local consultant--45,000	
				71600-Travel-3,000	
				72200-Equipments-3,000	
				74500-	
				Miscellaneous-3,000	
				<b>Total</b>	<b>54,000</b>
<b>National Project Management Unit (NPMU)</b>				71300-Local consultant -31,000	
				71600-Travel- 15,000	
				72200-Equipments-2,000	
				74500-	
				Miscellaneous -2,000	
				<b>Total</b>	<b>50,000</b>
<b>Communication, M &amp; E, Audit , etc (UNDP)</b>					<b>20,000</b>
<b>AWP Grand Total in USD</b>					<b>615,000</b>

### **Fund Flow Arrangements and Financial Management:**

With the concurrence of the Implementing Partner (Ministry of Environment and Forests), UNDP will directly release funds to the bank account created for the implementation of this project with the Project Management Unit housed in the Foundation for Revitalization of Local Health Traditions (FRLHT), Bangalore (bank details given below). The Implementing Partner will account for funds received from UNDP. The request from the Implementing Partner will come through the Standard

Fund Authorization and Certificate of Expenditures (FACE) Report duly signed by the Project Director or person assigned/delegated by the Implementing Partner. Only after 80% of last advance and 100% of all the previous advances are spent will the next advance be released.

Separate books of account shall also be maintained in order to ensure accurate reporting of expenditure and providing a clear audit trail. Any interest accrued on the project funds during the project cycle will be ploughed back into the project in consultation with Implementing partner and UNDP and project budgets will stand revised to this extent. If there is no scope for ploughing back the interest will be refunded to UNDP.

**Bank Name: CANARA BANK**

**A/C No: 0425101047981**

**Branch: Hebbal Branch, Bangalore**

**Branch Code: 0425**

**IFSC code: CNRB 0000425**

**Customer Name: NPMU India UNDP GEF**

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