

**United Nations Development Programme**  
**Country: Papua New Guinea**  
**2015 Annual Work Plan**

**Project Title:** Enhancing Adaptive Capacity of Communities to Climate Change-related Floods in the North Coast and Island Region of PNG (00074956).

**UNDAF/ Expected CP Outcome(s):** By 2015, Government and civil society have enhanced their capacity to implement biodiversity conservation, low carbon and climate resilient development initiatives for environmental sustainability and improved community livelihoods to reduce the vulnerability of women, girls, men and boys to disaster risks.

**Expected Output(s):**

Public institutions, private sector and local communities enhance the implementation of low carbon growth and climate resilient development initiatives for environmentally sustainable economic growth.

**Implementing Partner:** Office of Climate Change and Development (OCCD)

**Brief Description**

Following a slow start due to lack of human resources for the implementation of the project, the Adaptation Fund Project picked up pace in 2014. The project will build on the achievements of the previous years and continue towards achieving project targets through the implementation of strategic activities in the year 2015 including designing of an effective early warning system for inland and coastal flooding, assessment of the climate risks and vulnerabilities in pilot provinces, implementation of a capacity development program following a detailed capacity assessment for climate change adaptation, implementation of integrated adaptation measures in risk prone communities, support to community-led mangrove reforestation and conservation projects, awareness and education.

<p>Programme Period: 2012-2016</p> <p>Key Result Area (Strategic Plan): Environment, Climate Change and Disaster Risk Management</p> <p>Atlas Award ID: 00059799</p> <p>Atlas Project ID: 00074956</p> <p>Start date: October 2012</p> <p>End Date: October 2016</p> <p>Management Arrangements: NIM</p>	<p>Total resources allocated: USD 2,565,000</p> <p>Total allocated resources: 2,565,000</p> <ul style="list-style-type: none"> <li>• Regular: UNDP US\$ 50,000</li> <li>• Other: _____</li> <li>• Adaptation Fund - US\$ 2,515,000</li> <li>• Government _____</li> </ul> <p>Unfunded budget: _____</p> <p>In-kind Contributions: National Government, UNDP</p>
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Agreed by (Government): Varigini Badira-Executive Director, OCCD

*[Signature]*  
 30/01/15

Agreed by (UNDP): Sukhrob Khoshmukhamedov, Deputy Resident Representative

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 30.01.15

# I. ANNUAL WORK PLAN

Year: 2015

EXPECTED OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET			
		Q1	Q2	Q3	Q4		Funding Source	Account Codes	Budget Description	Amount in USDS
<b>Output 1:</b> Enhancing Adaptive Capacity of Communities to Climate Change-related Floods in the North Coast and Island Region of PNG  <b>Baseline:</b> The forecasting, monitoring and dissemination of extreme weather events is severely limited due lack of equipment, capacities, procedures and systems.  <b>Indicator:</b> Gaps identified at various levels that hinders the functioning of an effective EWS systems.  <b>Target:</b> <ul style="list-style-type: none"> <li>Assessment of the EWS completed</li> <li>Recommendations for the designing of an effective EWS systems focusing on coastal and inland flooding.</li> </ul>	<b>Activity Result 1:</b> Reduced exposure and increased adaptive capacity of coastal communities to flood-related risks and hazards in 8 communities and 3 cities of the 11 provinces of the North Coast and Islands Region.	X	X	X	X	UNDP/ OCCD/ NWS/INDC/Province	UNDP/PAF/ OCCD/ AUSAID	52300	Payroll costs, Non-recurrent Payroll cost (IP staff)	140,000
								71200	International consultant/DSEA	80,000
								71800	Travel	10,000
								72100	Contractual Services-Companies	720,000
								72300	Materials & Supplies	10,000
		X	X	X	X	75700	Training, Workshops, Conference	10,000		
						72800	Micro Capital Grant	150,000		

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	<b>Actions:</b> Assessment of the coastal EWS system Analysis of the resource requirements Analysis of protocols for forecasting, monitoring, and dissemination of warnings for coastal flooding Analysis of various options for effective dissemination of the Early warning systems related to coastal flooding Designing of a coastal flood early warning system Preparations for the procurement of hardware and software for coastal flooding Printing an dissemination of coastal flooding hazard assessment study results	X	X	X	X	UNDP, OCCD/NDIC				
<b>Baseline:</b> Provinces are not adequately prepared to respond to disasters owing to lack of planning and coordination.	<b>Activity 1.2:</b> Coastal flood preparedness and response plan and systems established in the North Coast and Islands Region.	X	X	X	X	UNDP, OCCD/NDIC				

<p><b>Indicator:</b> Number of provinces with comprehensive disaster preparedness and response plans for coastal flooding in place.</p> <p><b>Target:</b> At least two provinces will have a comprehensive disaster preparedness and response plans for coastal flooding in place including SOPs for warning dissemination.</p>	<p><b>Actors:</b></p> <p>Climate Risk Assessment (including identification of climate hazards, exposure and vulnerability assessment and risk mapping)</p> <p>Development of disaster preparedness and response plans for coastal flooding in East Sepik and New Ireland Province</p> <p>Development of standard operating procedures (SOPs) for dissemination of flood early warning.</p>	X	X	X	X	UNDP, OCCD, East Sepik and New Ireland Provinces.				
<p><b>Baseline:</b> Community-based mangrove projects are undertaken ad-hoc and largely without sufficient expertise and support.</p>	<p><b>Activity 1.3: Support system for community-led mangrove reforestation and conservation projects.</b></p> <p><b>Actions:</b></p> <p>Mapping of potential project sites in consultation with the provincial authorities and communities.</p>	X	X	X	X	UNDP, OCCD, East Sepik and New Ireland Provinces.				
<p><b>Indicator:</b> Number of community-led mangrove projects benefiting from support system for mangrove projects.</p> <p><b>Target:</b> At least 10 community-led mangrove conservation and/or reforestation projects.</p>	<p>Training, advocacy and awareness raising activities on mangrove conservation/re-planting.</p> <p>Mangrove reforestation/conservation in selected sites through grant agreements with CBOs/NGOs.</p>	X	X	X	X	UNDP, OCCD, East Sepik Province, and New Ireland National disaster centre.				
<p><b>Baseline:</b> Communities are highly prone to climate risks due to lack of risk assessment and risk reduction knowledge.</p>	<p><b>Activity 1.4: Integrated coastal adaptation measures implemented to protect 8 communities in East Sepik Province, Northern Province and New Ireland Province.</b></p>	X	X	X	X	UNDP, OCCD, East Sepik Province, and New Ireland National disaster centre.				

<p><b>Indicators:</b> Number of risk-exposed communities protected through coastal adaptation measures.</p>	<p><b>Actions:</b> Assessment of community level vulnerabilities and risks to coastal flooding through participatory methodology</p>	X	X	X	X					
<p><b>Targets:</b> community level risk assessments are completed for four communities and the required adaptation measures are identified and implemented.</p>	<p>Development of community based integrated coastal protection plans and disaster preparedness and response plans</p>	X	X	X	X					
<p><b>Baseline:</b> The forecasting, monitoring and dissemination of extreme weather events is severely limited due lack of equipment, capacities, processes and systems.</p>	<p>Implementation of integrated coastal protection measures in selected communities</p>	X	X	X	X					1,046,000
<p><b>Indicator:</b> Gaps identified at various levels that hinders the functioning of an effective EMS systems.</p>	<p><b>Activity Result 2:</b> Reduced exposure and increased adaptive capacity of targeted 8 river communities of the 4 provinces.</p> <p><b>Activity 2.1: Inland flooding early warning systems established for observation, data collection and information management and dissemination in the North Coast provinces.</b></p>	X	X	X	X	<p>UNDP Office of Climate Change and Development/National Weather Service/Department of Conservation/Provinces/National Disaster Centre</p>	<p>UNDP/PAF/OCOD/AusAID</p>	<p>62300 71260 71800 72100</p>	<p>Payroll costs, Non-recurrent Payroll cost (IP staff) International consultant/DSA Travel Contractual Services-Companies</p>	<p>140,000 30,000 5,000 700,000</p>
<p><b>Target:</b> Assessment of the EMS completed leading to recommendations for the</p>	<p><b>Actions:</b></p>							<p>72600 72300 75700</p>	<p>Micro Capital Grant Materials &amp; Supplies Training, Workshops, Conference</p>	<p>150,000 5,000 10,000</p>

designing of an effective EWS systems.	Assessment of the EWS system for inland flooding.	X	X	X	X							
	Analysis of the resource requirement and gap analysis	X	X	X	X							
	Analysis of protocols for forecasting, monitoring and dissemination of warnings for inland flooding	X	X	X	X							
	Analysis of various options for effective dissemination of the inland flood warning.	X	X	X	X							
	Designing of an inland flood early warning system	X	X	X	X							
	Preparations for the procurement hardware and software	X	X	X	X							
	Printing and dissemination of inland flooding hazard assessment study results	X	X	X	X							
<b>Baseline:</b> The provincial and national level disaster management frameworks are evidently inadequate.	<b>Activity 2.2: Inland flood preparedness and response plan and systems established in the North Coast provinces.</b>	X	X	X	X	UNDP, Office of Climate Change and Development/National Disaster Centre						
<b>Indicator:</b> Number of provinces with comprehensive disaster preparedness and response plan for inland flooding.	<b>Activity Action:</b> Analysis of climate risks in the pilot provinces leading to identification of needs and priorities for risk reduction and enhancing resilience.	X	X	X	X							
<b>Target:</b> At least four provinces will have a comprehensive disaster preparedness and response plan for inland flooding in place and will have conducted dry run tests.	Development of disaster preparedness and response plans for coastal flooding for one flood prone province	X	X	X	X							
	Development of standard operating procedures (SOPs) for dissemination of flood early warning.	X	X	X	X							

<p><b>Baseline:</b> The vast majority of communities exposed to inland flooding risk is inadequately equipped with resources, capacity and support to adapt to the changed scenario.</p>	<p><b>Activity 2.3: Integrated riverbank protection measures implemented to protect communities in East Sepik Province, Oro Province and Morobe and Madang Provinces.</b></p> <p><b>Actions:</b></p>	X	X	X	X	UNDP, OCCD, Northern Province, Morobe Province and Madang Province				
<p><b>Indicator:</b> Number of communities benefiting from improved protection from inland flooding.</p>	<p>Assessment of community level vulnerabilities and risks to inland flooding through participatory methodology</p>	X	X	X	X					
<p><b>Target:</b> community level risk assessments are completed for four communities and the required adaptation measures are identified and implemented.</p>	<p>Development integrated riverine protection plans and disaster preparedness and response plans</p>	X	X	X	X					
<p><b>Baseline:</b> There is lack of capacities for climate sensitive planning at the provincial level and the provincial planning processes do not consider climate risks.</p>	<p>Implementation of integrated inland flooding protection measures in selected communities</p>	X	X	X	X					90,000
<p><b>Indicator:</b> Number of provincial and national-level officers trained in climate adaptation planning and implementation.</p>	<p><b>Activity Result 3: Strengthened institutional capacity at national and sub-national level to integrate climate change-related risks into sectoral policies and management practices with focus on flooding</b></p>	X	X	X	X	UNDP/AF/ OCCD/ AUSAID				
<p><b>Target:</b> Climate Change Adaptation is integrated into key</p>	<p><b>Activity 3.1: Climate change-related risks and resilience to coastal and inland flooding: integrated into coastal zone management related policies, legal and planning frameworks at the national and sub-national levels.</b></p> <p><b>Actions:</b></p>	X	X	X	X	UNDP, OCCD Northern, Morobe and Madang provinces.			<p>71200 International Consultant</p> <p>71300 Local consultant</p> <p>71500 Travel</p> <p>72100 Contractual Services-Companies</p> <p>72300 Materials &amp; Supplies</p> <p>73700 Training, Workshops, Conferences</p>	<p>50,000</p> <p>10,000</p> <p>10,000</p> <p>10,000</p> <p>10,000</p>





TOTAL	Mid-term project evaluation			X					71600	Travel/ Car Hire	5,000
									71635	Accommodation /DSA	5,000
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