



## CLIMATE, ENVIRONMENT AND ENERGY IN ASIA-PACIFIC

### The Regional UNDP Team

#### Climate, Environment and Energy in Asia/Pacific

Achieving long-term ecological sustainability with continued economic growth and human well-being remains one of the biggest challenges facing the Asia-Pacific region. Countries in the region recognize that deteriorating land, water and air quality, and the loss of ecosystems and their services, undermine socioeconomic development. It is also realized that climate change is exacerbating these problems, through for example increased thermal stress, more severe and frequent droughts, storms and floods, sea-level rise and accompanied coastal inundation and salt water intrusion, all increasing the vulnerabilities of people and their livelihoods. Furthermore dependency on fossil fuels for energy services and the management of chemical pose particular challenges in the region.

#### What we do

Our vision as the regional Climate, Environment and Energy team is to “*effectively assist countries to preserve and sustainably use local and global environmental assets for achieving sustainable development outcomes*”. We deliver our work through the UNDP country offices who are our main partners. We facilitate access to environmental funding sources, assist in preparing and implementing projects, support policy dialogues, disseminate best practices, and share knowledge. Our work is responsive to national priorities and is based on UNDP’s mandate to build national capacity for human development. We focus on the following topics: Ecosystems and Natural Resources, Water, Land, Biodiversity, Climate Change Mitigation and Adaptation, Energy, Ozone Layer Protection and Chemicals Management.

#### Our Team

We are an international and multidisciplinary team of experts and advisors in natural resource management, energy, biodiversity, climate change, land, water, and chemicals. We have specific skills and experience in project design, program management, policy advice and capacity development. The team works on the basis of a cost-recovery business model.

#### 1. **Mainstreaming climate, environment and energy:**

We enhance capacities to incorporate climate, environment and energy into national development strategies, planning and budgeting processes. The Poverty and Environment Initiative, for example, promotes integration of environmental considerations into local and national development plans and sector policies.

#### 2. **Mobilizing environmental financing:**

We assist countries to identify, design and implement programmes that are funded by a variety of sources (e.g. GEF, SCCF, LDCF, Carbon Markets, Bilateral Donors). Currently the team supports 334 GEF funded projects worth over USD 620 million.

#### 3. **Promoting adaptation to climate change:**

We assist countries to develop climate change adaptation strategies and assist them to mobilise resources and pilot specific adaptation measures. We also support UNDP country offices in “climate proofing” of regular development programmes for climate-related risks and opportunities.

#### 4. **Expanding access to environmental and energy services for the poor:**

Our programmes enhance the resilience of ecosystem, energy access and natural resource management and work with communities to reduce their vulnerability to climate change impacts. For example, the Mangroves for the Futures programme supports coastal communities invest in conservation for sustainable development.





### **Ozone Layer Protection and Chemicals Management**

*While chemicals play a significant role in development, they can also cause potential risks to human health and environment.*

We support UNDP Country Offices and country partners in formulating and managing projects and programmes for controlling and eliminating ozone-depleting substances and persistent organic pollutants, promoting sound management of chemicals and for initiatives that cut across ozone, climate and chemicals conventions.

**Key Contacts:** Nandan CHIRMULAY, Anil SOOKDEO

### **Climate Change Adaptation**

*Climate risk screening and -proofing; project development and implementation support; accessing, combining and sequencing of adaptation finance.*

The current portfolio of adaptation projects is diverse and cuts across many sectors. It includes initiatives on coastal afforestation (Bangladesh), agricultural water management (Cambodia), management of flooding risk from glacier lake outbursts (Bhutan), and the piloting of community-based adaptation measures in 13 Pacific Island Countries.

**Key Contacts:** Angus MACKAY, Gernot LAGANDA, Gabor VERECZI (Pacific)



### **Climate Change Mitigation**

*Supporting the identification, design, implementation and monitoring of climate change mitigation projects.*

Projects are funded by GEF and through CDM (via the MDG carbon facility) and focus on energy efficiency in commercial buildings and industries; on-grid power applications of renewable energy; biomass energy; and sustainable transport in urban areas.

**Key Contacts:** Manuel SORIANO, Martin KRAUSE, Faris KHADER, Francisco ARANGO, Ivo BESSELINK, Takaaki MIYAGUCHI



### **Ecosystems and Natural Resources (ENR)**

*Promoting effective governance of terrestrial and marine ecosystems and fostering benefit sharing with local communities*

Specific programmes include: National Protected Area Projects, Poverty-Environment Initiative (PEI), Mangroves for the Future (MFF), Coral Triangle Initiative (CTI), and many others.

**Key Contacts:** Anna TENGBERG (Land & Water), Joseph D'CRUZ (ENR & MFF), Sameer KARKI (Biodiversity), Paul STEELE (PEI), Doley TSHERING (Land), Tim BOYLE (REDD)



### **Energy Access**

*Providing support to policy makers and communities promoting access to sustainable energy services.*

We build on policy studies and country gap analysis that brought out factors limiting energy access in Asia/ Pacific. We are promoting national and sectoral policies and local energy service delivery.

**Key Contacts:** Thiyagarajan VELUMAIL, Thomas JENSEN (Pacific)

