

# **Climate Change Initiatives & Opportunities In Asia and the Pacific**

*11th Asia Pacific Climate Change Meeting*

*Aug 29, 2001, Kitakyushu, Japan*

*Nandita Mongia Ph.d*

**Regional Manager for Climate  
Change**

United Nations Development Program

Global Environment Facility

# *UNDP*

## *CLIMATE CHANGE INITIATIVES*

The main objectives of UNDP Climate Change initiatives are:

- to help, identify, finance, and carry out “win -win” programmes and policies that simultaneously maximize sustainable development objectives and limit greenhouse gas emissions.
- to provide technical backstopping and capacity building to developing countries and utilize the new mechanisms under the UNFCCC.
- to build networks and partnerships with the UN systems, international organizations, non-governmental organizations (NGOs), academic, and the private sector to

# UNDP CLIMATE CHANGE INITIATIVES

**This approach entails four kinds of activities:**

- 1) National Sustainable Development Activities
- 2) Activities for Implementing UNFCCC Commitments
- 3) Capacity Building for New Mechanisms under the UNFCCC

# UNDP

## CLIMATE CHANGE INITIATIVES

The above is to be achieved through

- New Thematic Trust Funds (TTFs)
- Window for all non-core resources & complement existing trust funds e.g GEF
- Support mechanism for country, regional and global activities through country cooperation dialogues

# UNDP

## CLIMATE CHANGE INITIATIVES

### Thematic Trust Funds

<b>Environment</b>	<b>Energy</b>
Mainstreaming environment in national development frameworks	Energy in macro-policies and frameworks (poverty, economic, energy sector)
Strengthening local environmental governance	Rural energy services: thermal and electricity
Global and regional environmental problems	Low emissions technology (compliment to GEF)
Climate change adaptation linked to all above	Clean Development Mechanism (CDM)
Knowledge networking	Advocacy/Analysis

# UNDP CLIMATE CHANGE INITIATIVES

## Climate Change and TTFs

### Thematic Trust Fund for Environment

- Climate change link:  
*impact/vulnerability*
- Adaptation and land  
use emphasis
- Frameworks and  
governance

### Thematic Trust Fund for Sustainable Energy

- Climate change link:  
*causes - energy*
- Mitigation and  
emissions reduction
- Support for CDM

# PART I

## Overview of UNDP Climate Change Initiatives

- 😊 UNDP Core
- 😊 UNDP /GEF

# UNDP-GEF CLIMATE CHANGE INITIATIVES-

Capacity building to address national communication preparation obligations to the UNFCCC - *what activities?*

→ *Where all in Asia and Pacific ?* Recent capacity building initiatives through UNDP/GEF: (in historical order)

- Regional ALGAS project : ( 12 countries of Asia and the Pacific region ) & Other Enabling Activities supporting preparation of National Communication
- Regional PICCAP 1 & 2
- Continuation of Nat Com activities through the FAO Technical



# UNDP-GEF CLIMATE CHANGE INITIATIVES-

- ➔ Other UNDP /GEF CC initiatives addressing mitigation and abatement projects and programs supporting the climate convention through barrier removal to policy, financial ,institutional , market delivery mechanism , sustainable replication etc;



Support to the integration of adaptation policy *(while awaiting the final GEF Operational program / guidance)* into national development by helping to develop a common policy relevant methodological approach addressing short and medium term climate change

# Overview of United Nations Development Programme /Global Environment Facility

**(\$172 mill cumulative from GEF and \$310 mill in co-funding for Asia & Pacific Climate Change initiatives through GEF/UNDP )**

- ➔ Enabling Activities :GHG inventory, mitigation and V&A
- ➔ Energy Efficiency and Conservation
- ➔ Removing Barriers to Renewable Energy
- ➔ Reducing Costs of GHG Emitting Technologies
- ➔ Environmentally Sustainable Transport
- ➔ Integrated Ecosystem & Natural Resource Management

# GEF CLIMATE CHANGE INITIATIVES - National Communication preparation & support in Asia

		Expected NC submission date as reported by countries				EA Phase II Approved
		1999	2000	2001	2002	
1. Bhutan			13 November			X
2. Cambodia				December		
3. China					2002?	
4. India					2002?	
5. Indonesia	*	27 October				X
6. Iran				End year		X
7. Korea DR				Mid year		
8. Lao PDR	*		2 November			
9. Malaysia			22 August			
10. Maldives				April		
11. Philippines			19 May			X
12. PNG	*			Mid year		
13. Sri Lanka			6 November			X
14. Thailand				01 March		X
UNEP						
15. Bangladesh				December		
16. Mongolia				May		X (World Bank)
17. Pakistan				August		
18. Vietnam				June		
19. Nepal					June	
<b>Total</b>		<b>1</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>11</b> <b>7</b>

# UNDP/GEF CLIMATE CHANGE INITIATIVES

- **NCSP REGIONAL PROJECTS ENDORSED:**
  - Inventories (9 countries) Submitted October 9, 2000
  - Adaptation (7 countries) Submitted October 9, 2000
- **WORKSHOPS:**
- **INV:** May 1999 (Philippines)
- **MIT:** May 1999 (Philippines)
- **V&A:** May 2000 (Indonesia)
- **RE(ASIA):** 26-29 September 2000 (Malaysia)
- **ALGAS:** Bangladesh, China, Indonesia, India,

# UNDP-GEF CLIMATE CHANGE INITIATIVES - National Communication preparation & support in the Pacific

## PACIFIC

Number of UNDP countries potentially to submit by COP-6 bis: upto 1 countries (in bold)

	Expected NC submission date as reported by countries						Phase I Approved
	Pre-1999	1999	2000	2001	2002	2003	
1. Cook Islands		30 Oct					X
2. Fiji				Dec			X
3. Kiribati		30 Oct					X
4. Marshall Islands			24 Nov				X
5. Micronesia	4 Dec 97	30 Oct*					X
6. Nauru		30 Oct					X
7. Palau						Jan	
8. Tonga						Feb	
9. Samoa		30 Oct					X
10. Solomon Islands				Mid-year			X
11. Tuvalu		30 Oct					X
12. Vanuatu		30 Oct					X
UNEP							
13. Niue				Feb			
<b>Total</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>10</b>

### WORKSHOPS:

INV: May 1999 (Philippines)

MT: May 1999 (Philippines)

V&A: May 2000 (Indonesia)

RE (SIDS): 26-27 July 2000 (Samoa)

# PICCAP

The project phase 1 had six major capacity building objectives that lead to the following outputs:

- 1) an inventory of greenhouse gas sources and sinks
- 2) an evaluation of mitigation options
- 3) preliminary national vulnerability assessments made & was identified as the most important component of PICCAP follow on activities
- 4) an evaluation of adaptation options
- 5) a national implementation plan
- 6) the first National Communication to the

# Climate Change Enabling Activities :

## Phase 2

- Phase 2 EA or Top -Up funds in support of national Communication

Interim Operational guidelines provided direction for Expedited Funding of Second National communication-either await guidance and submit Second funding mechanism of \$100 Thousand to continue National Communications activities ;

**TABLE C 2**

**ACTIVITY MATRIX FOR PHASE II OF CLIMATE CHANGE ENABLING ACTIVITIES:  
Priority activities for additional (interim) funding**

**Note: x denotes activities covered by the proposed project**

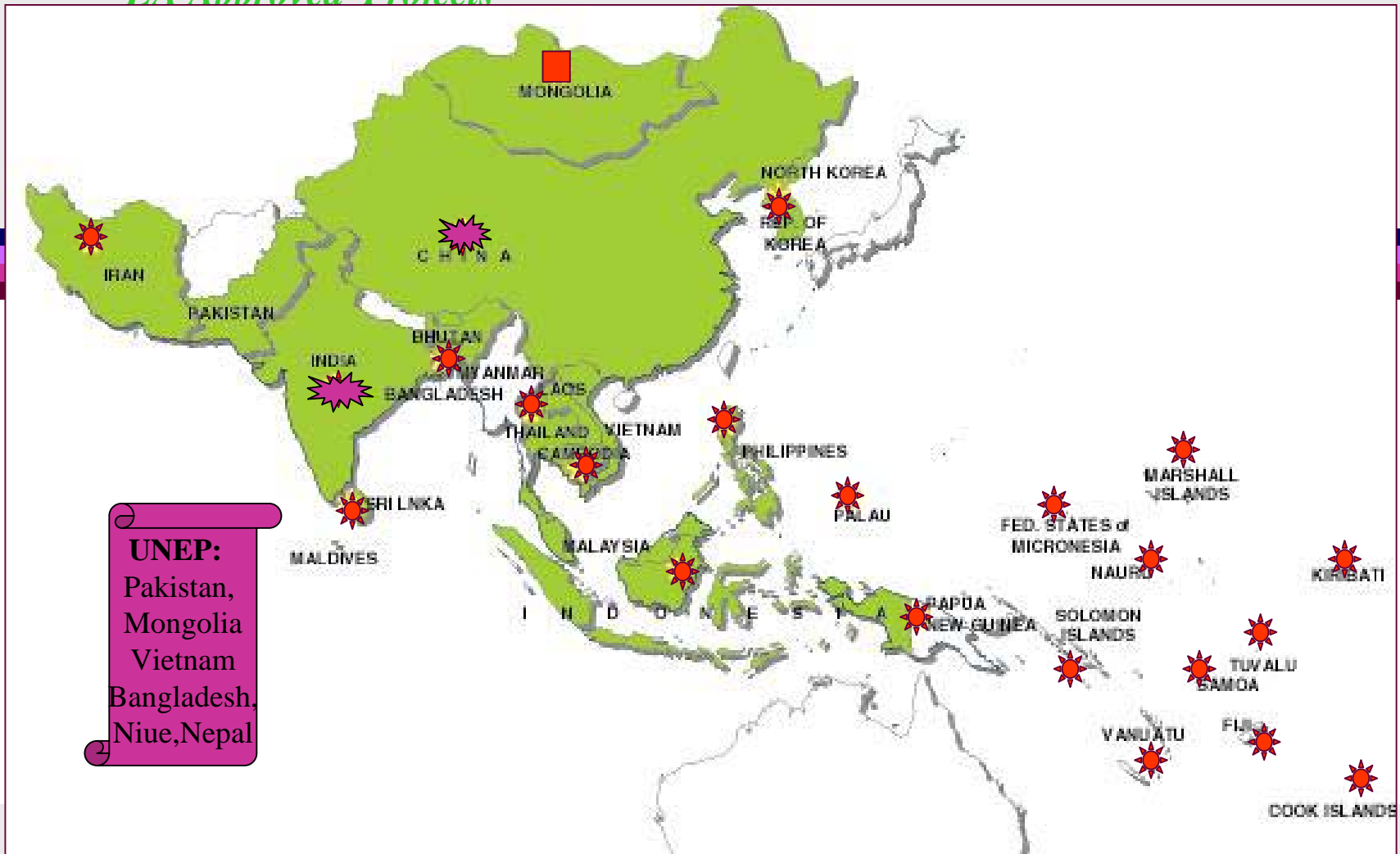
Activity	Planning and Execution	Capacity Maintenance/ Enhancement		
		Data Gathering and Research	Institutional Strengthening	Training, Education and Public Awareness
<b>2. A (i)</b> Identification and submission of technology needs				
<b>2. A. (ii)</b> Capacity building to assess technology needs, modalities to acquire and absorb them, design, evaluate and host projects				
<b>2. B.</b> Capacity building for participation in systematic observation networks				
<b>2. C.</b> Preparation of programs to address climate change				



# Climate Change Enabling Activities & Top-ups with UNDP/GEF in support of National Communication (25 countries)

*EA Approved Projects*

*\*EA Projects (Top-Ups On going/eligible)*



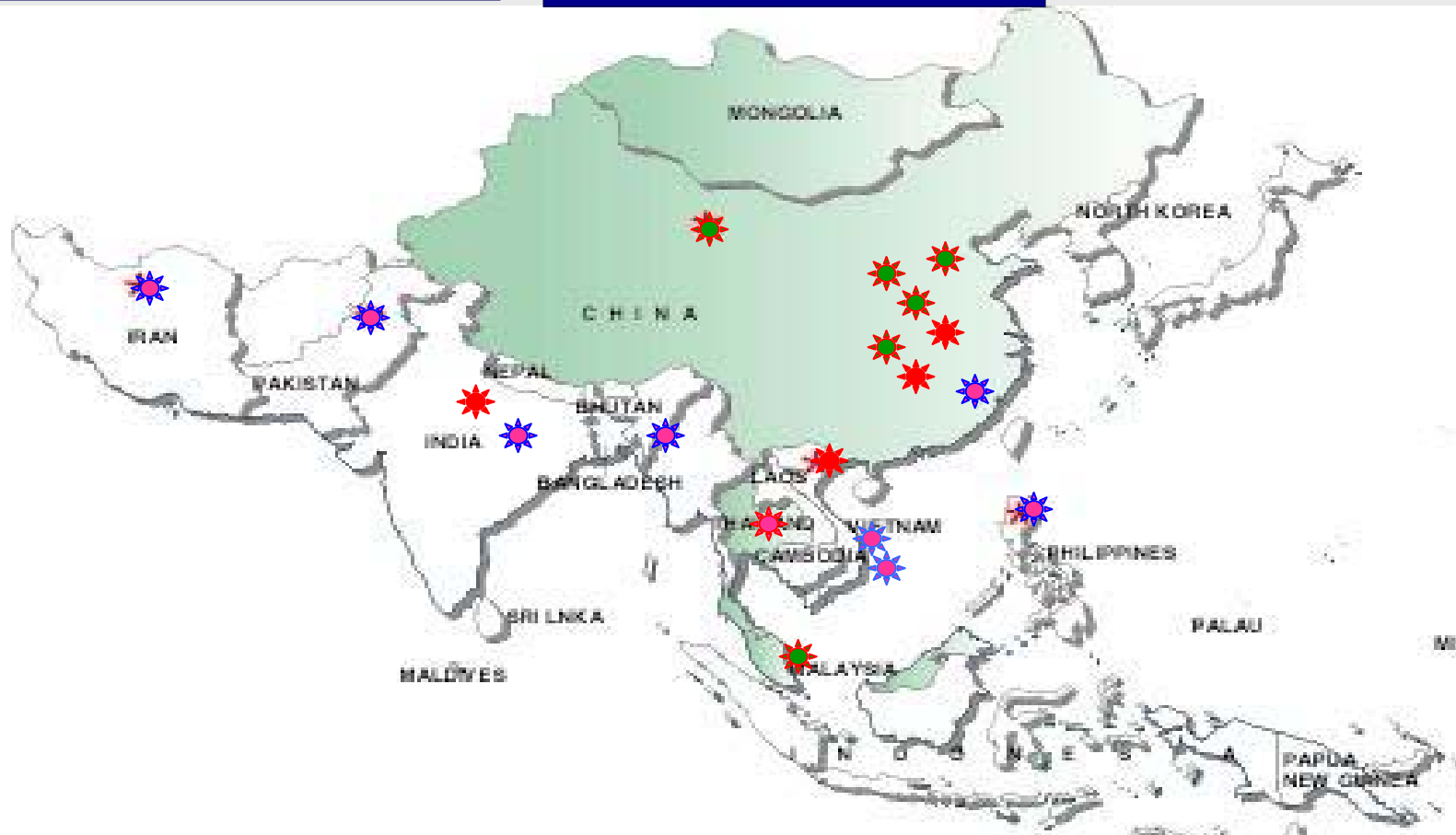
# Energy Efficiency and Energy Conservation

(GEF Resources: \$35.5 mill)

 *Preparatory funds approved for pipeline*

 *Under implementation*

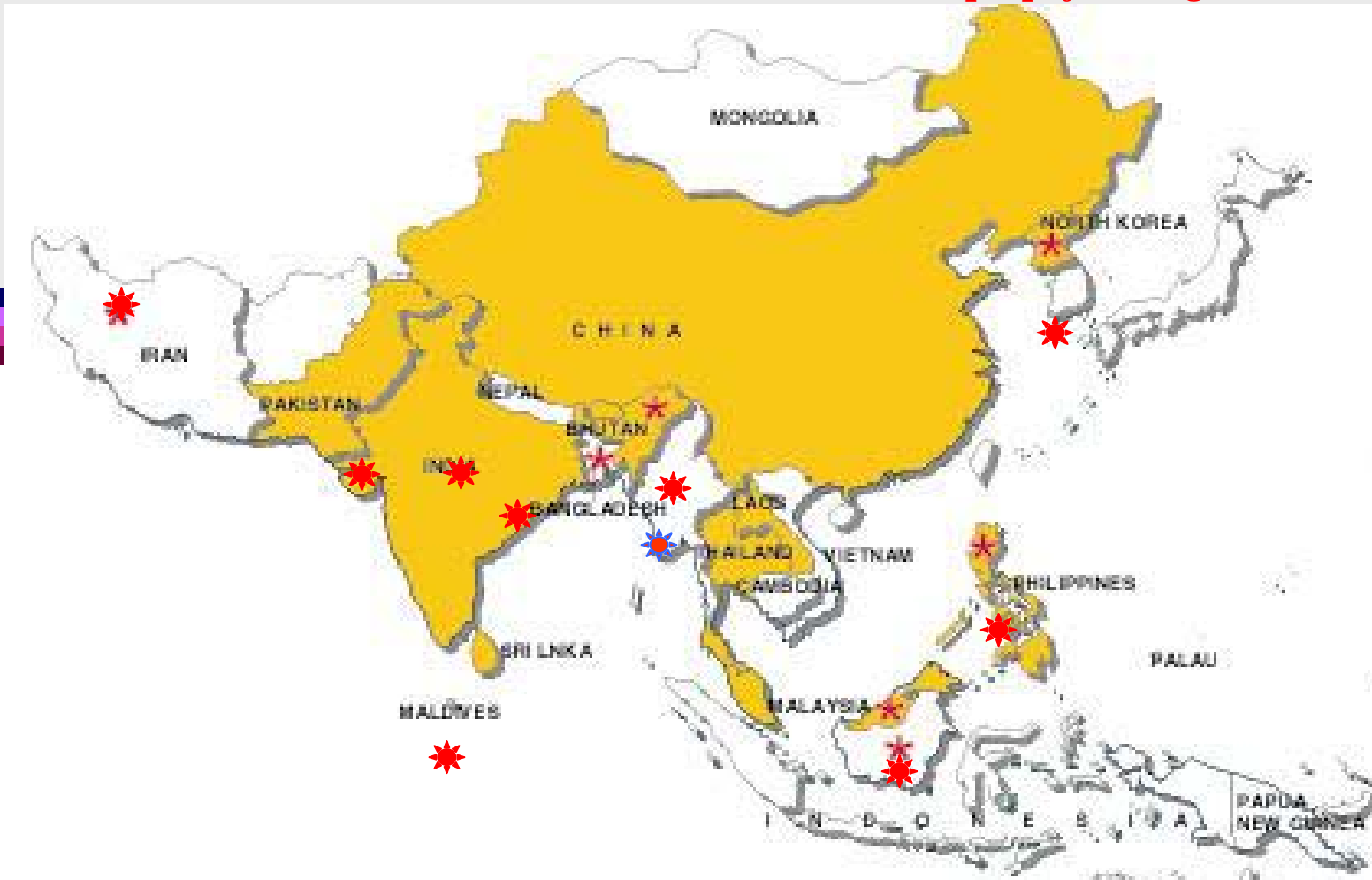
*\*Pipeline Projects*



# Renewable Energy in Asia (UNDP/GEF )

*Approved Projects*

*\*Pipeline Projects  
with prep funding*

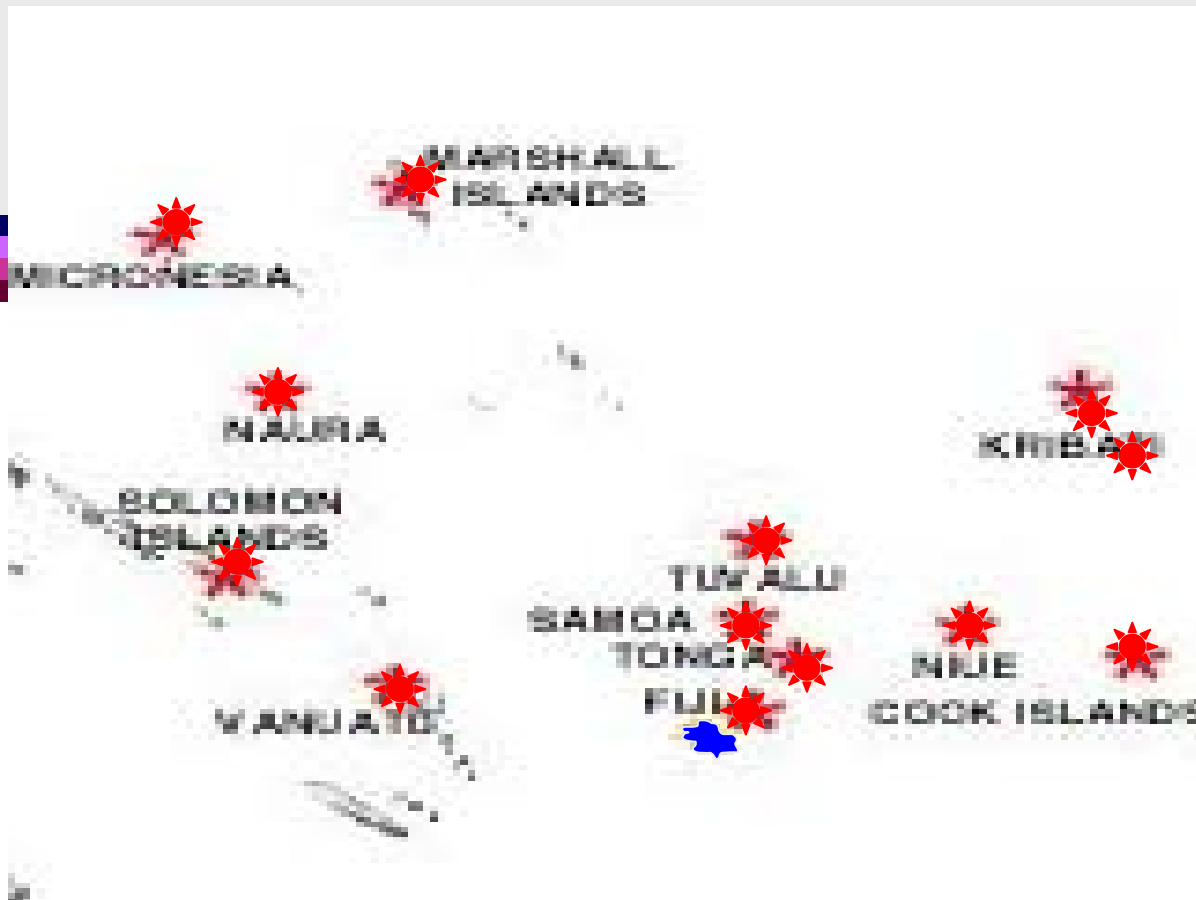


# Renewable Energy in The Pacific

GEF Resources requested for : \$1.1 Mill

*Approved Projects \$750 Th*

*\*Regional Pipeline Project*



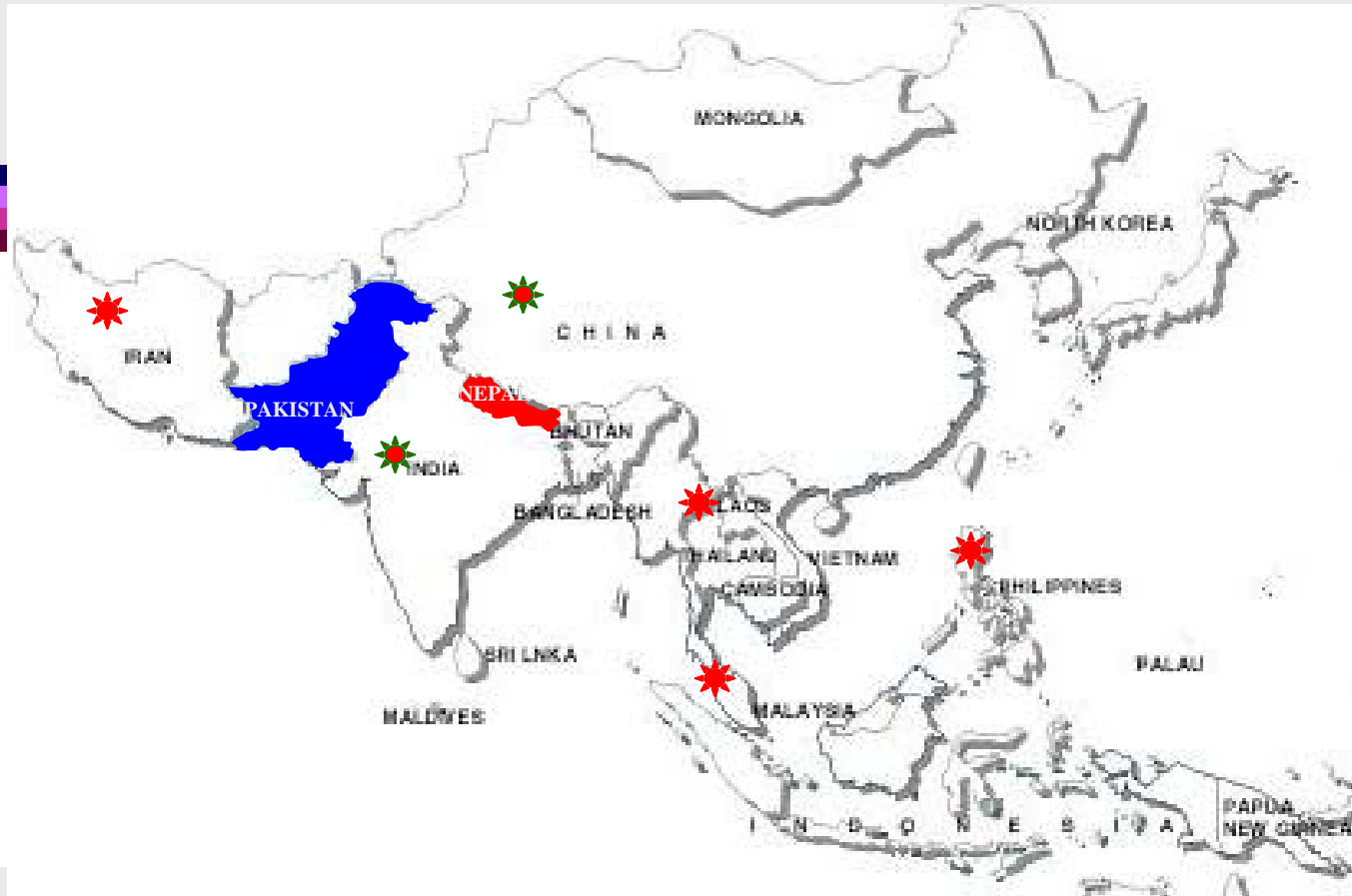
# Promoting Environmentally Sustainable Transport

\$23.8 mill GEF /UNDP

*Approved old Projects*



*Pipeline  
Projects*



# UNDP/GEF CLIMATE CHANGE INITIATIVES

## What is UNDP's Adaptation Policy Framework ?

Goal : A practical tool to help countries choose or modify their sustainable development pathway under future climate through adaptation consistent with national priorities

Purpose : To minimize vulnerability and risk of exposure to future climate in the near , mid and longer term

Principles: Vulnerability to CC can be largely reduced by policy and human behavior

Adaptation like mitigation is a development not only an environment issue

# UNDP-GEF CLIMATE CHANGE INITIATIVES

- 🔦 **Where do we go from here?**
- 🔦 Continue to support Climate Mitigation Activities (see attached list of pipeline projects; list flexible )
- 🔦 **Adaptation** : Support Integration of Adaptation policy into national development
- 🔦 Short Run : Through the EA window
- 🔦 Longrun : Await GEF Council guidance and GEF Operational window as a follow up to COP6.5

# *UNDP*

## *CLIMATE CHANGE INITIATIVES*

- *Conclusion* : Climate Change is an integral part of UNDP's sustainable human development and energy sector activities.
- Many on-going UNDP programmes to date have supported efforts to mitigate greenhouse gas emissions.
- In the context of SHD and support to Climate Change, UNDP is intensifying work on climate change issues, through the Energy Trust Fund and Environment Trust Fund in conjunction with activities as a GEF IA.