

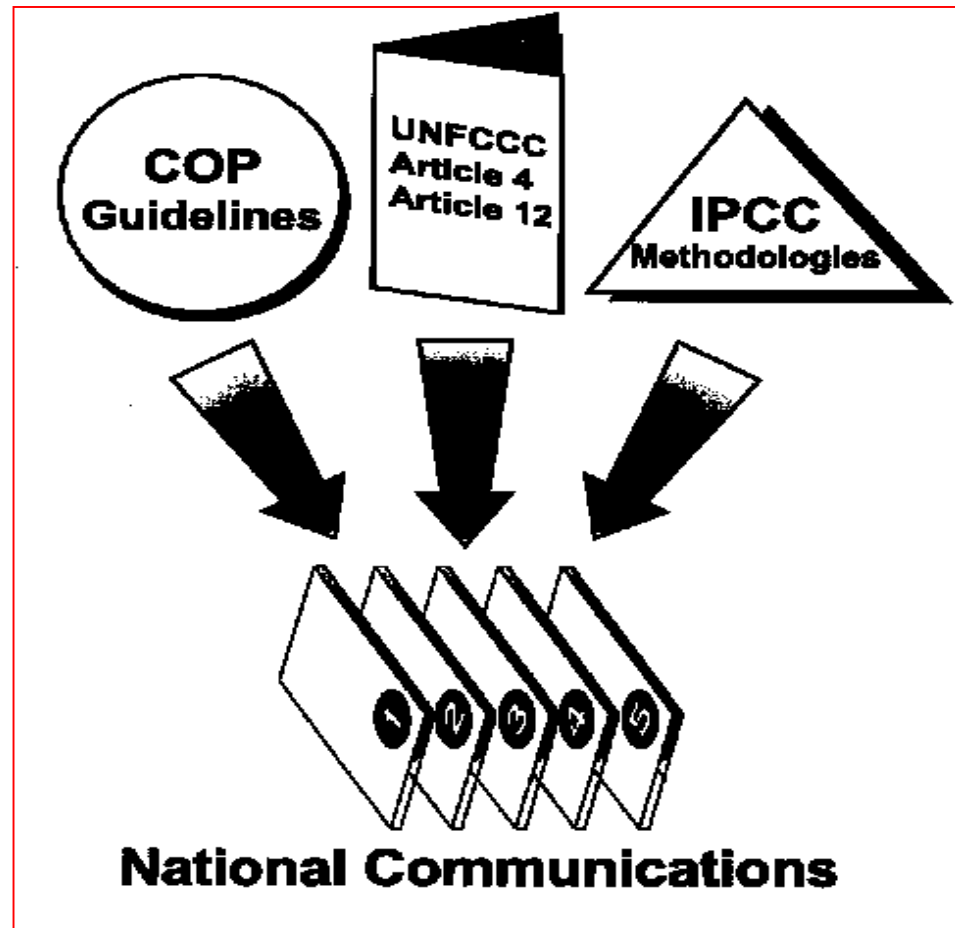
National communications from non-annex I countries - Status of preparation and support under the UNFCCC

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Structure of the presentation

- Structure and contents of non-Annex I (NAI) national communications
- Submissions of national communications
- Support for NAI national communications

Guidance document



Content of initial communications

- Executive summary
 1. National circumstances
 2. Inventory
 3. General description of steps
 4. Propose projects
 5. Financial and technological needs and constraints
 6. Any other information deemed relevant

1. National circumstances

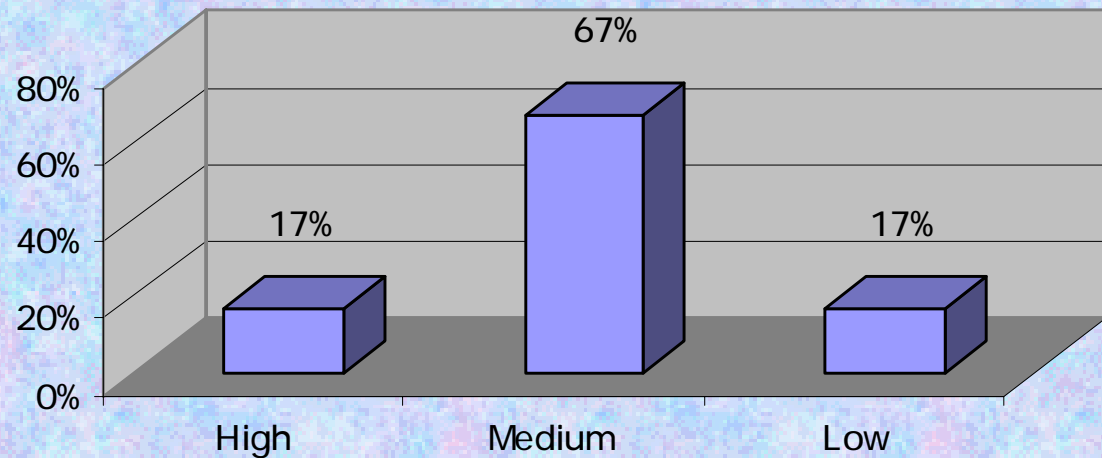
Criteria	1994
Population	
Relevant Areas (square kilometers)	
GDP (1994 US\$)	
GDP per capita (1994 US\$)	
Estimated share of the informal sector in the economy in GDP (percentage)	
Share of the industry in GDP (percentage)	
Share of services in GDP (percentage)	
Share of agriculture in GDP (percentage)	
Land area used for agricultural purposes (square kilometers)	
Urban population as percent of total population	
Livestock population (disaggregate as appropriate)	
Forest area (square kilometers, define as appropriate)	
Life expectancy at birth (years)	
Literacy rate	

National circumstances as reported so far

World's

- eighth largest country in size
- fourth most-populated country
- smallest and least populated countries

Parties which submitted their national communication and their ranking in the Human Development Index



2. Inventory

Ensure:

- ◆ Quality
- ◆ Transparency and
- ◆ Comparability

Methodologies:

- ◆ IPCC Guidelines
- ◆ Simplified IPCC Default Methodologies
- ◆ Nationally developed methodologies

Initial national greenhouse gas inventories of emissions by sources and removals by sinks of all greenhouse gases

Greenhouse Gas Source and Sink Categories	CO₂	CH₄	N₂O
Total (Net) National Emission (Gigagram per year)	X	X	X
1. All Energy	X	X	X
Fuel Combustion			
Energy and Transformation Industries	X		X
Industry	X		
Transport	X		
Commercial- Institutional	X		
Residential	X		
Other (please specify)	X	X	
Biomass Burned for Energy		X	
Fugitive Fuel Emission			
Oil and Natural Gas Systems		X	
Coal Mining		X	
2. Industrial Processes	X		X
3. Agriculture		X	X
Rice Cultivation		X	
Savanna Burning		X	
Others (please specify)		X	X
4. Land Use Change and Forestry	X		
Changes in forest and other woody biomass stock	X		
Forest and Grassland Conversion	X		
Abandonnement of Managed Lands	X		
5. Other sources as appropriate and to the extent possible (please specify)	X	X	X

3. General description of steps




- Programmes related to sustainable development, research and public awareness
- Vulnerability and impact assessment
- Analysis of adaptation options
- Building capacity to integrate climate change into planning
- Mitigation options



Vulnerability & adaptation

MAIN SECTORS COVERED

- ❖ Agriculture
- ❖ Water resources
- ❖ Coastal zones
- ❖ Marine ecosystems
- ❖ Fisheries
- ❖ Human health
- ❖ Terrestrial ecosystems

-  IPCC Technical Guidelines for Assessing Climate Change Impacts and Adaptations
-  UNEP Handbook on Methods for Climate Change Impact Assessment and Adaptation Strategies
-  USCSP Vulnerability and Adaptation Assessment: An International Handbook

GHG abatement analysis

MAIN SECTORS COVERED

- ❖ Energy
- ❖ Agriculture
- ❖ Land-use, land-use change and forestry
- ❖ Waste Management

📖 Mitigation analysis tools employed:

📖 LEAP

📖 ENPEP

📖 MARKAL

📖 STAIR

📖 ETO

📖 RASTR

📖 National Renewable Energy methodology for the economic evaluation of energy efficiency and renewable technologies

Education, Training and Public awareness

Education

- Curricula reform and teaching on climate change at 1^o, 2^o and 3^o levels

Training

- Workshop international exchange programmes

Public awareness

- Information kits, audio-visual materials, posters, exhibitions

4. Other information that may be included

- GHG abatement projects for financing

Energy

Agriculture

Forestry

Waste

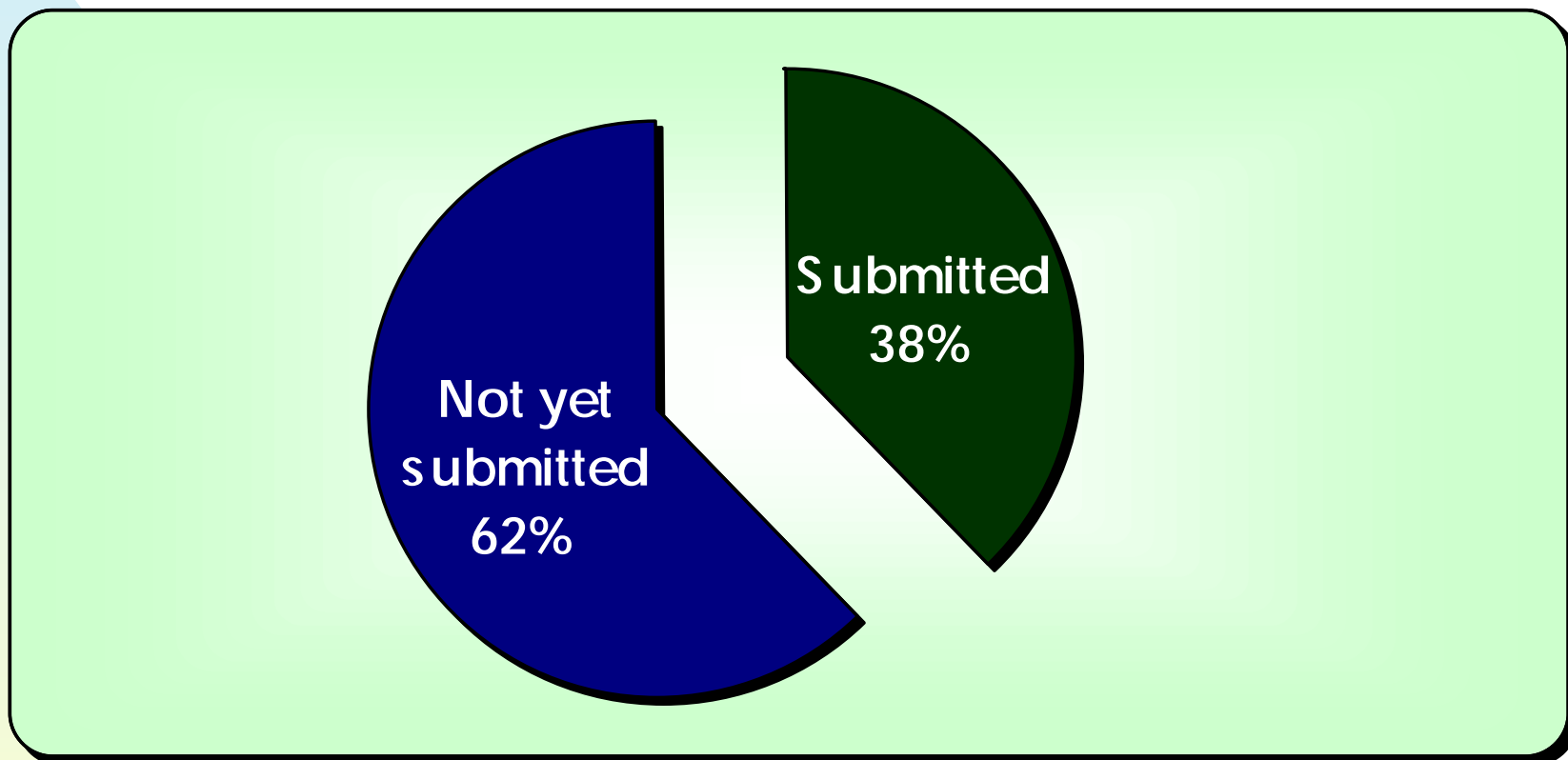
- Other information

5. Information on financial and technological needs and constraints

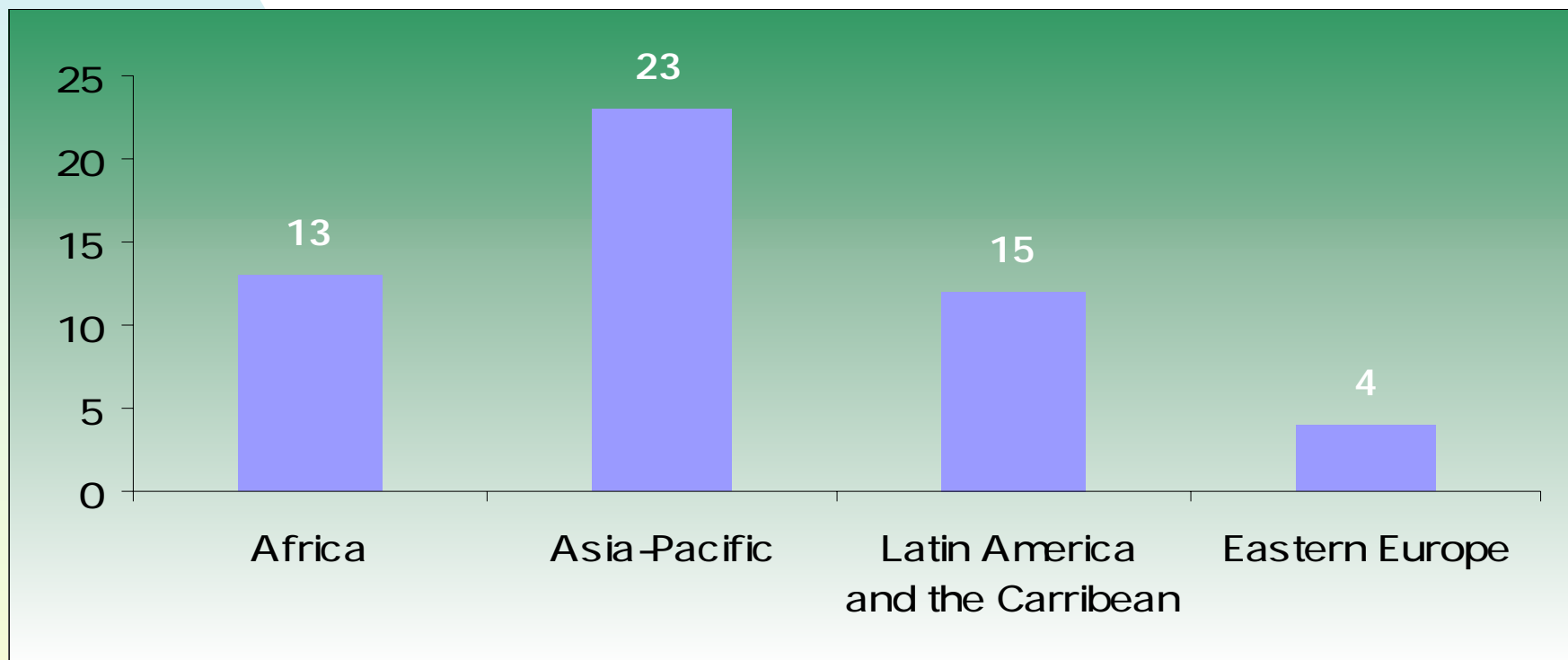
Identification of financial and technological needs related to:

- Efforts to reduce the margin of uncertainty in emissions and removal variables through appropriate institution and capacity building
- Measures to facilitate adequate adaptation to climate change
- Data-gathering systems to measure climate change effects in particularly vulnerable countries or regions and
- Any other activities and measures envisaged under the Convention, including Article 4

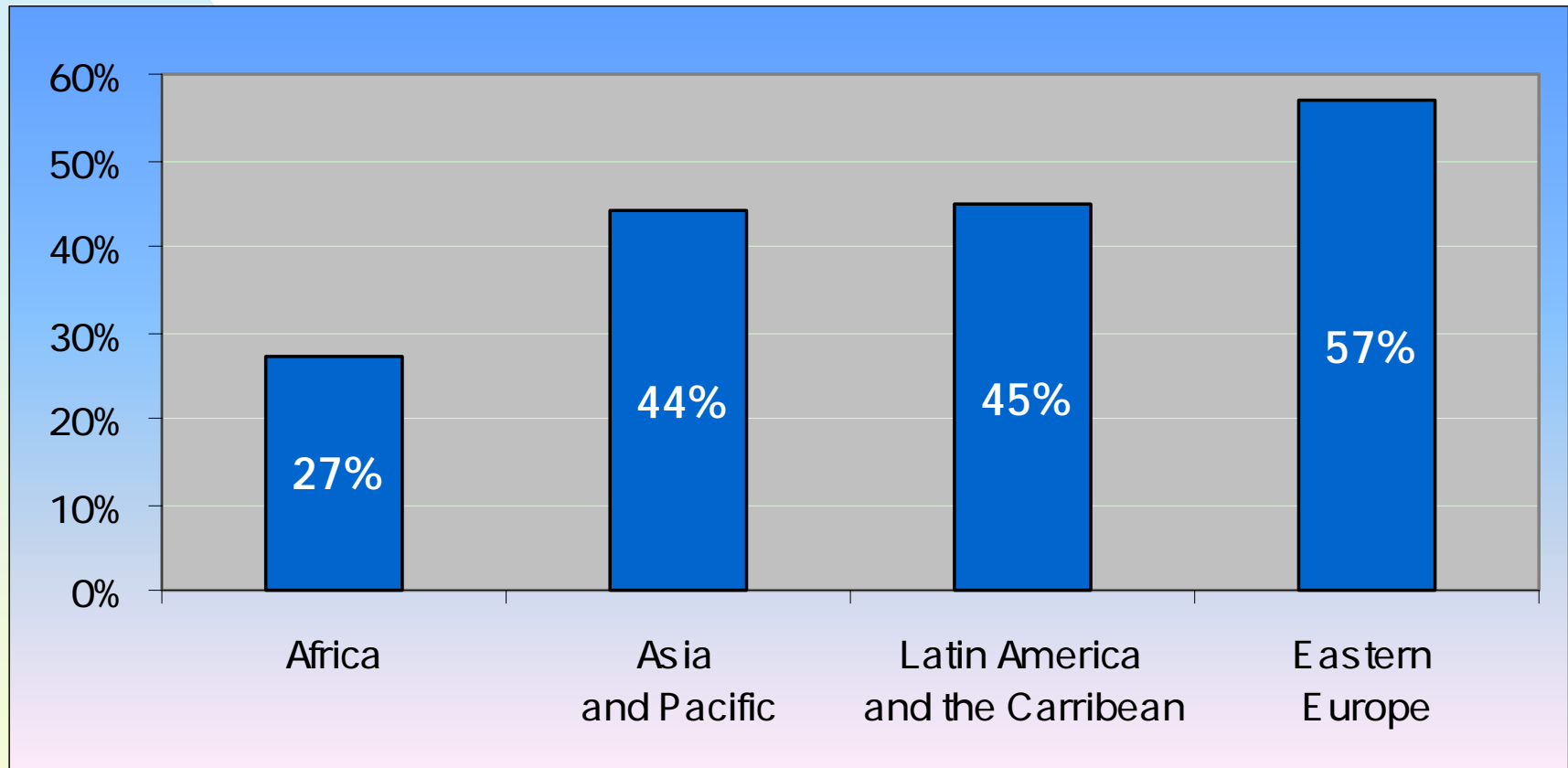
55 out of 146 non-Annex I countries have submitted their initial national communication under the UNFCCC (as of 21 August, 2001)



Number of submitted initial national communications (NAI) by world regions



Percentage of Parties per region that have submitted their initial national communication



Second national communications

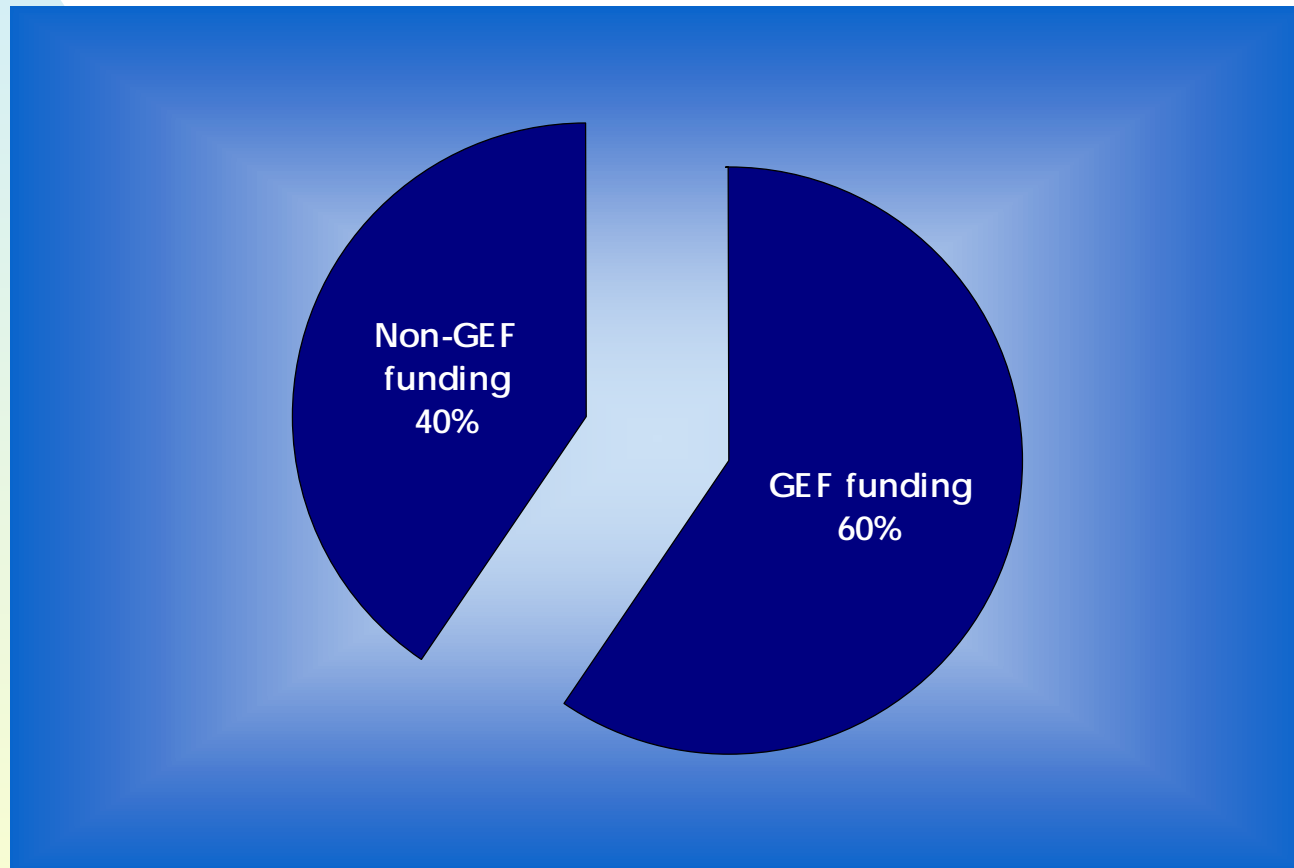
Submission: Mexico

Ongoing projects: Uruguay, Senegal

Support for NAI national communications

Total funding so far:

Approx. US\$ 133.7 million to 137 non-Annex I Parties



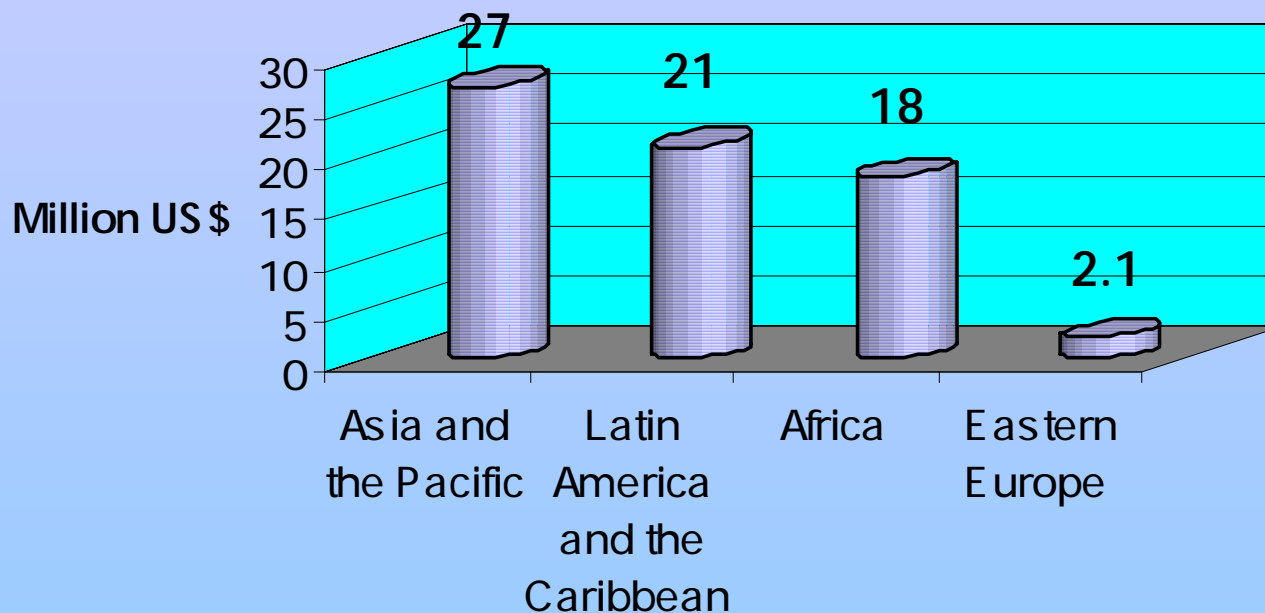
Source: FCCC/SBI/2001/15

Support for NAI national communications

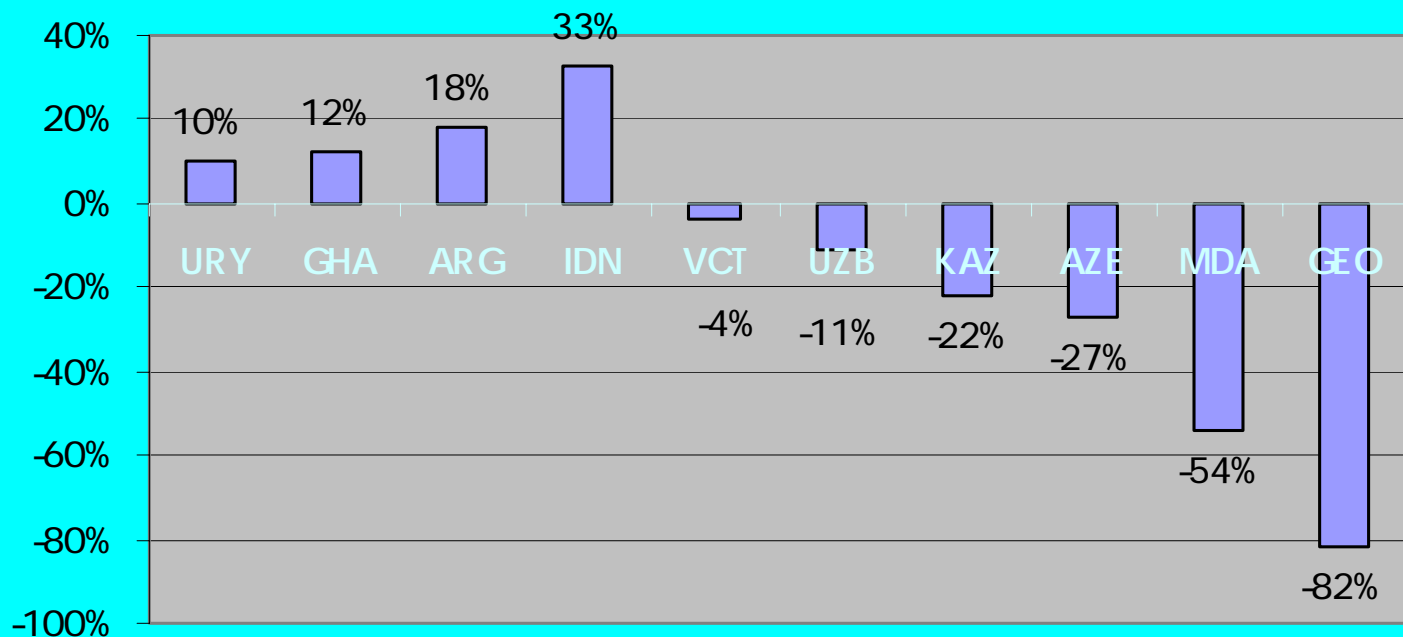
Support programmes

GEF – Climate Change Enabling Activities Expedited Projects
 GEF – Climate Change Enabling Activities - Full Projects
 GEF/UNDP/UNEP – National Communications Support Programme (NCSP)
 GEF/UNEP – Country Case Studies of Sources and Sinks of Greenhouse Gases
 GEF/UNEP – Economics of GHG Limitations – Phase I
 GEF/UNEP – Country Studies on Climate change Impacts and Adaptation Assessments
 GEF/UNDP – Asia Least-Cost Greenhouse Gas Abatement Strategy (AL GAS)
 GEF/UNITAR – CC:TRAIN – Phase I
 GEF/UNITAR – CC:TRAIN – Phase II
 GEF/UNDP – Building Capacity in Mahgreb
 GEF/UNDP – Building Capacity in Sub-Saharan Africa
 GEF/World Bank – Regional Planning for Adaptation to Climate Change
 GEF/UNDP – China: Issues and Options in GHG Emissions Control
 GEF/UNDP – India: Cost-Effective Options for Limiting GHG Emissions
 UNITAR – Certificate Training Course of Climate Change Vulnerability and Adaptation Assessment
 UNITAR – Policy Development Workshops to Support the Implementation of the Convention
 UNITAR – Technical Workshops to Support the Implementation of the Convention
 Netherlands Climate Change Assistance Program (NCCSAP)
 Germany – Measures to Implement the UNFCCC
 United States Country Studies Program (USCSP)
 Finland – Support to the Implementation of the UNFCCC in Nicaragua
 New Zealand – Pacific Islands Climate Change Vulnerability and Adaptation Certificate Course
 UK – Climate Impacts Research
 Greece – Capacity Building to Deal with the Climate Change Problem

Funding from the GEF Climate Change Enabling Activities Programme by world regions

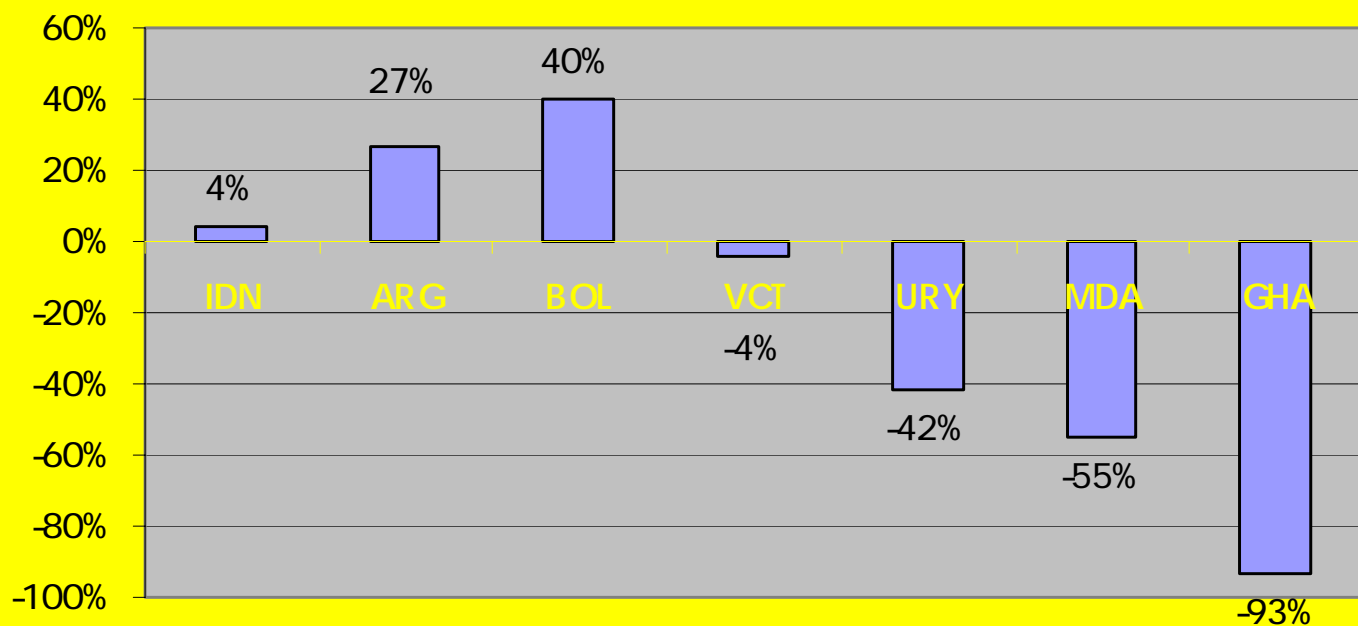


CO2 emissions trends (exl. LULUCF) 1990-1994 according to selected NAI Parties national communications



URY = Uruguay
 GHA = Ghana
 ARG = Argentina
 IDN = Indonesia
 VCT = Saint Vincent and Grenadines
 UZB = Uzbekistan
 KAZ = Kazakhstan
 AZE = Azerbaijan
 MDA = Republic of Moldova
 GEO = Georgia

Effect of inclusion of LULUCF on trends in CO2 emissions



IDN = Indonesia
 ARG = Argentina
 BOL = Bolivia
 VCT = Saint Vincent
 and
 Grenadines
 URY = Uruguay
 MDA = Republic of
 Moldova
 GHA = Ghana