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# Results-Based Approach to Mitigation: The GEF Experience with NAMAs

Regional workshop on promoting international collaboration to  
facilitate preparation, submission and implementation of NAMAs

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# GEF and Climate Change Finance

Support developing countries and economies in transition toward a low-carbon development path

-Invested over \$4 billion in climate change in 157 countries since 1991

-Over 600 mitigation projects and program

-A 9 billion direct and indirect emission reductions

## GEF-5 Climate Change Mitigation Strategic Objectives

Tracking Tool for each Objective

Appropriate and Flexible Results Framework

Demonstration, deployment, and transfer of innovative low-carbon technologies.

Market transformation for energy efficiency in industry and the building sector.

Renewable energy technologies.

Energy efficient, low-carbon transport and urban systems.

Conservation of carbon stocks through sustainable management of land use, land-use change, and forestry.

Support enabling activities and capacity building



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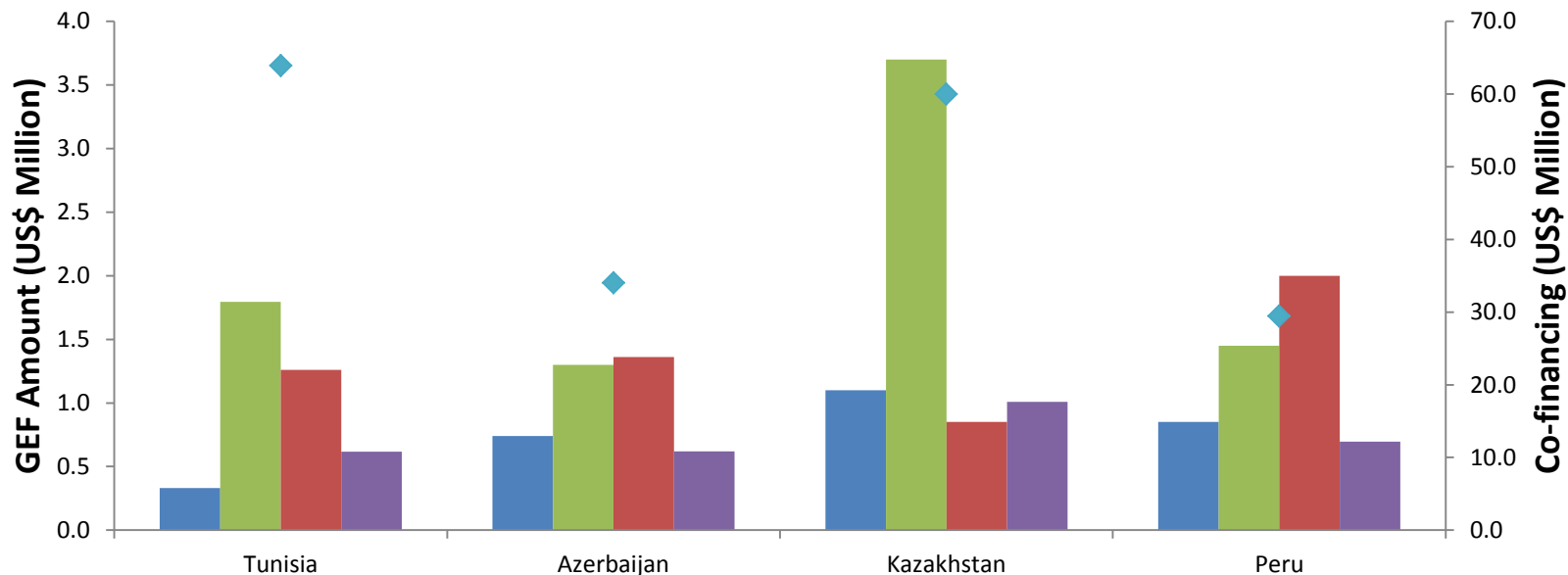
# GEF Support for Enabling Activities and Capacity Building

- National Communications and BURs
- NAMAs
- Other such as TNAs and NAPs



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# GEF Comparison of NAMA Investments



- Enabling Conditions (policy, legal and regulatory frameworks)
- Financial Support
- Technical Assistance and Capacity Development
- Project Management Costs
- ◆ Project Co-financing

GEF Grant Amount: \$17,902,968  
Co-financing: \$187,336,025



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# Peru NAMA

Energy Generation and End-Use Sectors in Peru  
GEF Grant: \$4.5m; Co-financing: \$29.45m; UNDP

## Salient Features:

- Establishment of national and sub-national GHG emission BAU reference baseline **–MRV related**
- Establishment and validation of national voluntary emission reduction targets **–MRV related**
- Completion of analyses for NAMA prioritization
- Readiness of public and private sectors
- Implementation of feasible NAMAs



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# GEF and GHG Emission Reductions

- Direct CO<sub>2</sub>
- Direct post-project
- A range of Indirect impacts



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# GEF's Unique Attributes

## GEF Climate Change Mitigation Projects

- Appetite for risks
- Accessible to project hosts who command fewer data resources
- Flexible to accommodate a diverse array of project types
- Requires GHG impact estimation with confidence
- Creates enabling conditions for mitigation actions via policy, capacity and institution building



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# Sequence of GEF Methodology for GHG Estimation

## Determination of Baseline Emissions

- Emission from
- Fossil fuel use
- Inefficient appliances
- Deforestation



## Calculation of Emissions from Project Interventions

- Renewable Energy
- Energy Efficiency
- Sustainable Forest Management

PIF

Tier I

CEO  
Endorsement

Tier II or III



Ex-Ante determination of GHG benefits for project duration and after (when appropriate)

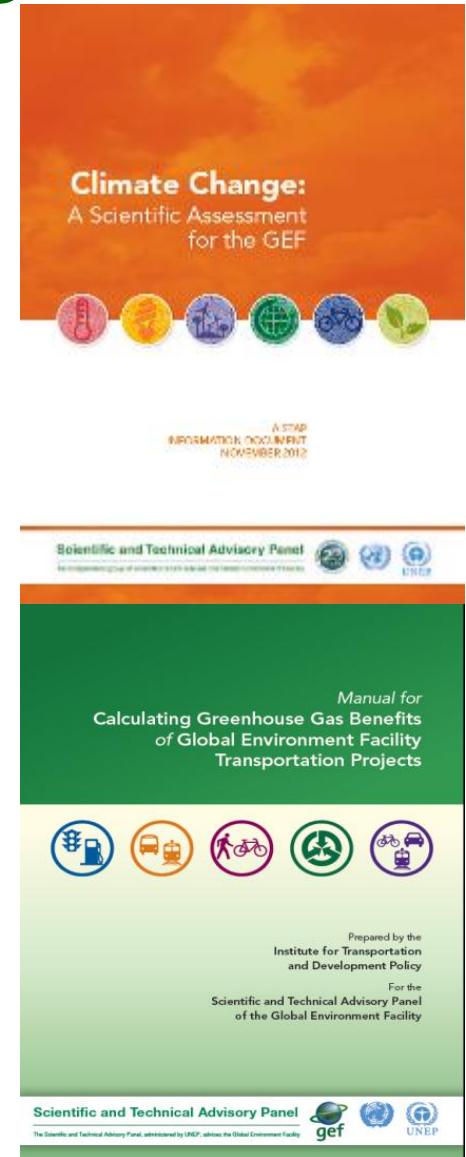


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# Technical Resources

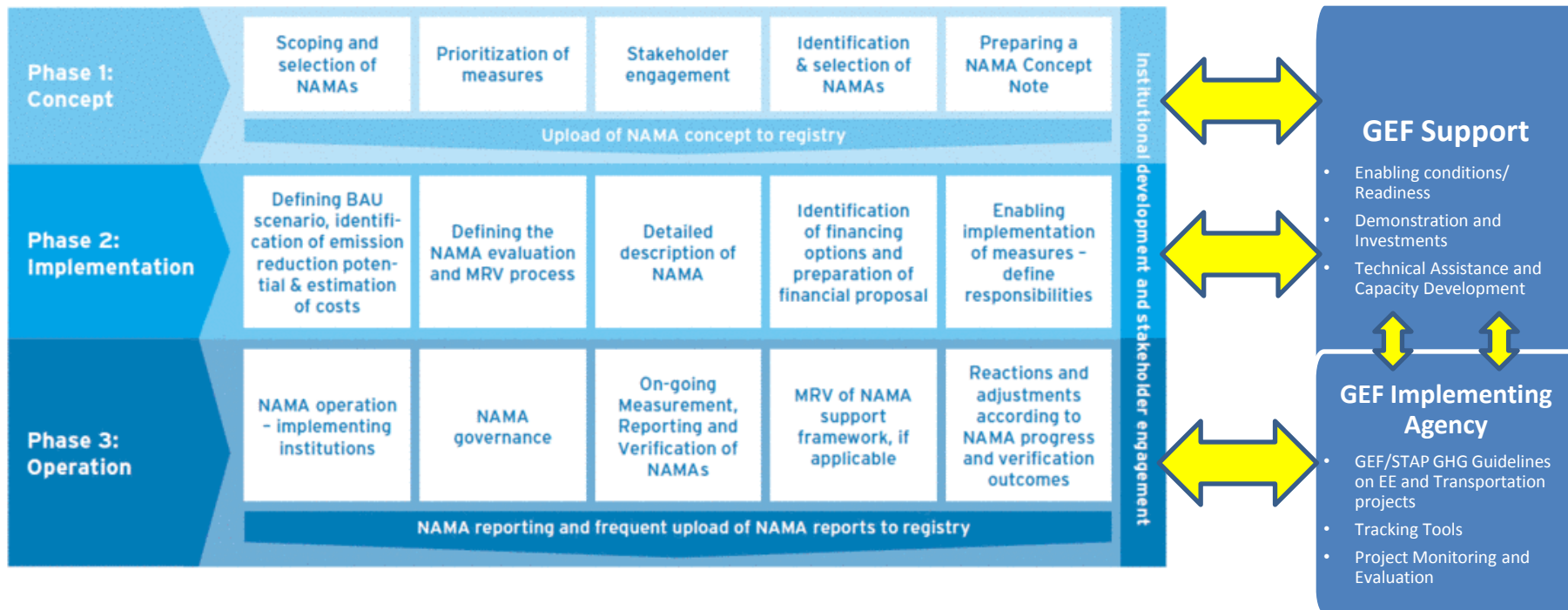
- **The Scientific and Technical Advisory Panel**
  - Revised Methodology for Calculating Greenhouse Gas Benefits of GEF Energy Efficiency Projects (Version 1.0)
- **IPCC Guidelines for National Greenhouse Gas Inventories**
  - Energy
  - AFOLU
- **Agencies and other organizations**
  - EX-Ante Carbon-balance tool (EXACT)
  - World Bank Carbon Assessment Tool for Afforestation and Reforestation (CAT-AR)
  - World Bank Carbon Assessment Tool for Sustainable Forest Management (CAT-SFM)



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# Systematic Approach to NAMA-MRV

## GEF's Role



(Adaptation: Perspectives GmbH, 2012)



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# GEF and Future Climate Change Finance

## GEF-6 Strategy Priorities:

- Innovative Technology and Policy Demonstration and Transfer
- Catalyze systemic impacts through synergistic multi-focal area investments
- Support Convention obligations including NCs and NAMAs

Focus on development and implementation of MRV systems  
Inclusion of NAMAs



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# Conclusions

- GEF finances mitigation actions in developing and transition countries
- GEF has supported design and implementation of policies, financial incentives, and institution building for long term GHG emission reduction
- GEF supports building enabling conditions for NAMA implementation
- GEF project and policy interventions and associated MRVs could inform NAMA processes
- GEF partnership can assist Parties to articulate and realize their low carbon development goals



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# Thank you!!

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