



Overview: Sustainable Urban Transport in the GEF
&
Preparation of SE Asia Sustainable Urban Transport
Project under GEF V

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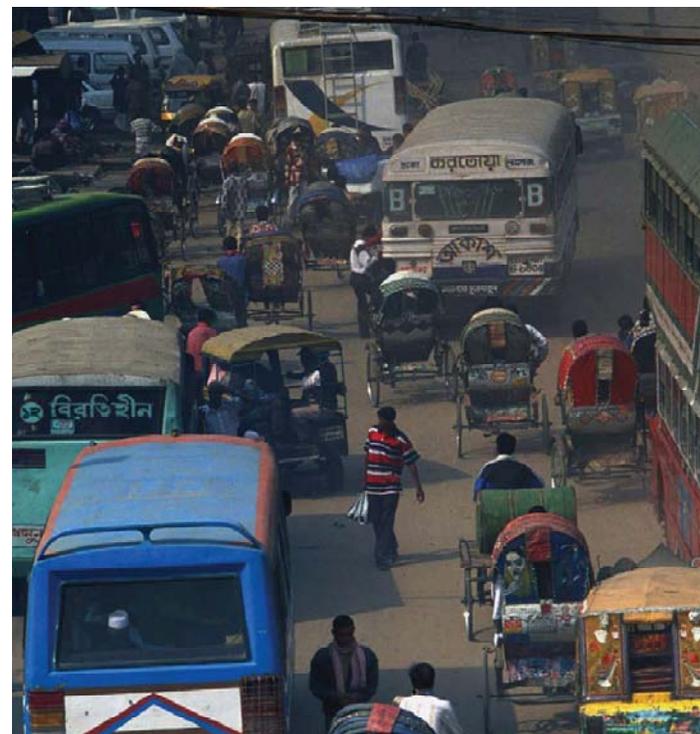




Global Environment Facility (GEF)



- **Financial mechanism of**
 - UN Framework Convention on Climate Change
 - Convention on Biological Diversity
 - Stockholm Convention on Persistent Organic Pollutants
 - Other global environment conventions
- **Focal areas**
 - Climate change, biodiversity, land degradation, international waters, and chemicals
- **10 GEF agencies**
 - UNDP, UNEP, WB, Regional Development Banks, FAO, IFAD, UNIDO
- **178 member countries**

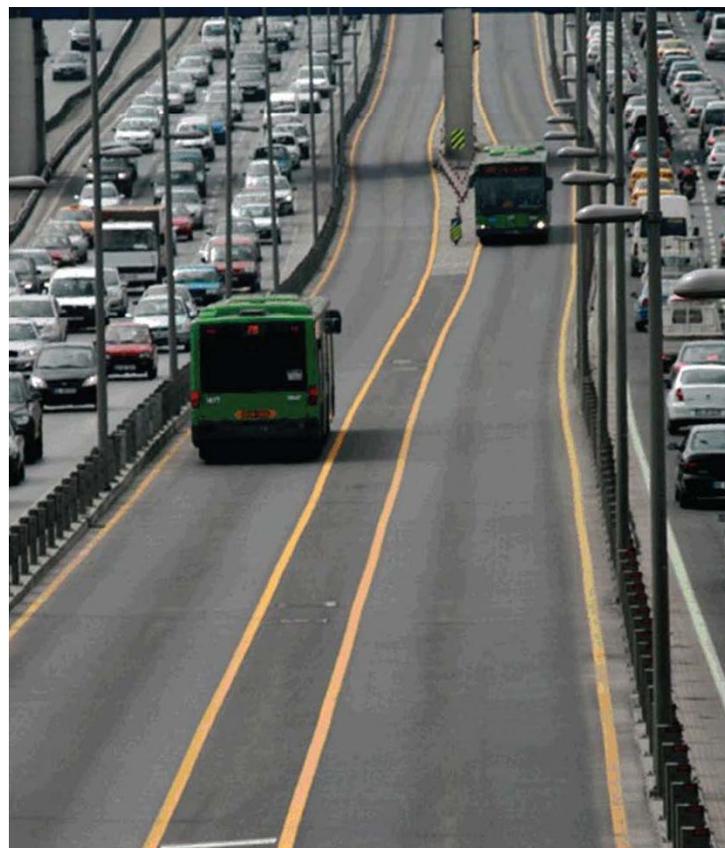




Climate Change Mitigation Objective

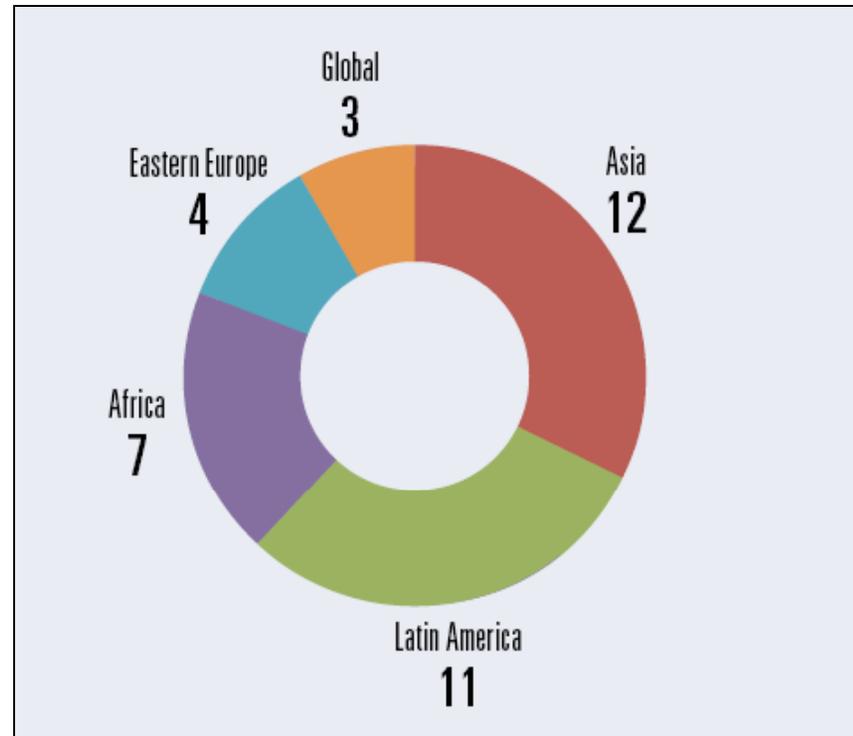


- **Support developing countries and economies in transition towards a low-carbon development pathway**



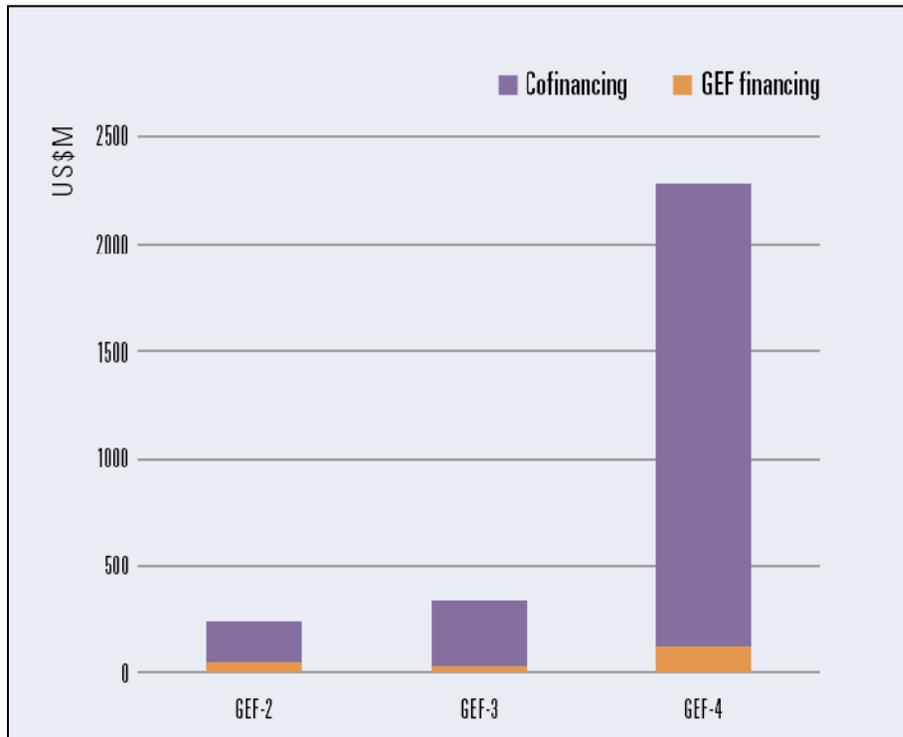


Regional Distribution of the GEF Sustainable Urban Transport Portfolio





Level of Financing in Sustainable Urban Transport Sector





Projects for Improvements in Urban Transport Systems by Region



	Number of projects	Number of cities covered	Population of the cities (million)
Asia	7	32	121
Latin America	10	22	80
Africa	7	15	40
Eastern Europe	4	4	3
Total	28	73	244

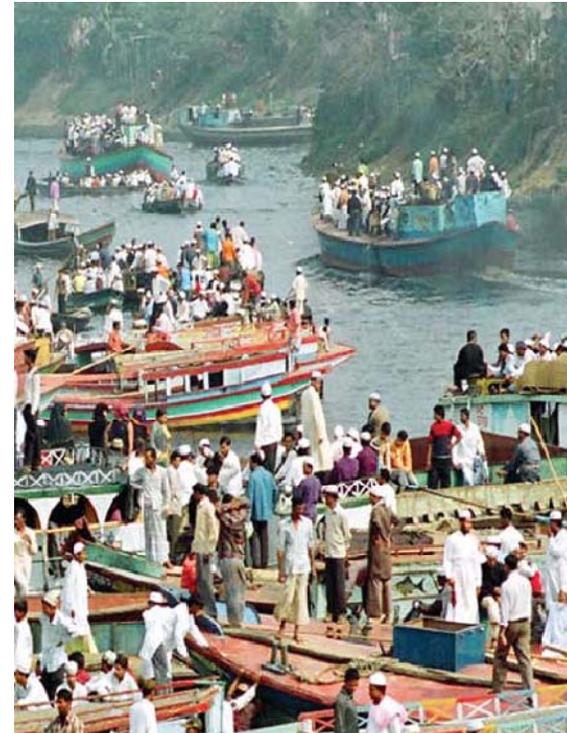




Leader in Financing Clean Energy & Technology Transfer



- GEF Trust Fund invested in \$2.7 billion in over 150 countries
 - Mitigation
 - Adaptation
 - Technology Needs Assessments
 - National Communications to the UNFCCC
- Largest multilateral public-sector technology transfer mechanism
 - Financed demonstration, deployment, diffusion, and transfer of more than 45 environmentally sound technologies





GEF's Role in Financing Clean Energy and Technology Investments



- Catalytic
 - Leveraged more than \$17 billion in co-financing on its \$2.7 billion of investments
- Innovative
 - Leader in financing new, emerging technologies and practices
 - Pioneer in supporting market-based approaches and innovative financial instruments
- Cost-effective
 - Over 2.5 billion tons of CO₂ avoided
 - Amounts to slightly over \$1/ton CO₂





GEF V – 2010-2014 Climate Change Mitigation Results Framework



- **Goal:** To support developing countries and economies in transition toward a low-carbon development path
- **Impacts:** Slower growth in GHG emissions and contribution to the stabilization of GHG concentrations in the atmosphere
- **Key Indicator:** Tons of CO₂ equivalent avoided (both direct and indirect) over the investment or impact period of the projects
- **Key Target:** 500 million tons
- **Focal Area Allocation:** US\$1.35 B





GEF V

Climate Change Focal Area

Strategic Objectives



1. Promote the demonstration, deployment, and transfer of innovative low-carbon technologies
2. Promote market transformation for energy efficiency in industry and the building sector
3. Promote investment in renewable energy technologies
4. Promote energy efficient, low-carbon transport and urban systems
5. Promote conservation and enhancement of carbon stocks through sustainable management of land use, land-use change, and forestry
6. Support enabling activities and capacity building under the Convention





Climate Change Program Objectives & Expected Outcomes



Overall Goal:	
<ul style="list-style-type: none"> • climate change mitigation • to support developing countries and economies in transition toward a low-carbon development path 	
CC Strategic Objective	Expected Outcomes
CC Strategic Objective 1: Promote the demonstration, deployment, and transfer of advanced low carbon technologies	<ul style="list-style-type: none"> • Technologies successfully demonstrated, deployed, and transferred • Enabling policy environment and mechanisms created for technology transfer • GHG emissions avoided
CC Strategic Objective 2: Promote market transformation for energy efficiency in industry and the building sector	<ul style="list-style-type: none"> • Appropriate policy, legal and regulatory frameworks adopted and enforced • Sustainable financing and delivery mechanisms established and operational • GHG emissions avoided
CC Strategic Objective 3: Promote investment in renewable energy technologies (RETs)	<ul style="list-style-type: none"> • favourable policy & regulatory environment for RE investments • Investment in RETs increased • GHG emissions avoided
CC Strategic Objective 4: Promote energy efficient, low-carbon transport and urban systems	<ul style="list-style-type: none"> • Sustainable transport and urban policy and regulatory frameworks adopted and implemented • Increased investment in less-GHG intensive transport and urban systems • GHG emissions avoided
CC Strategic Objective 5: Conserve and enhance carbon stocks through sustainable management of land use, land-use change, and forestry	<ul style="list-style-type: none"> • Good management practices in LULUCF adopted both within the forest land and in the wider landscape • Restoration and enhancement of carbon stocks in forests and non-forest lands, including peat land • GHG emissions avoided and carbon sequestered





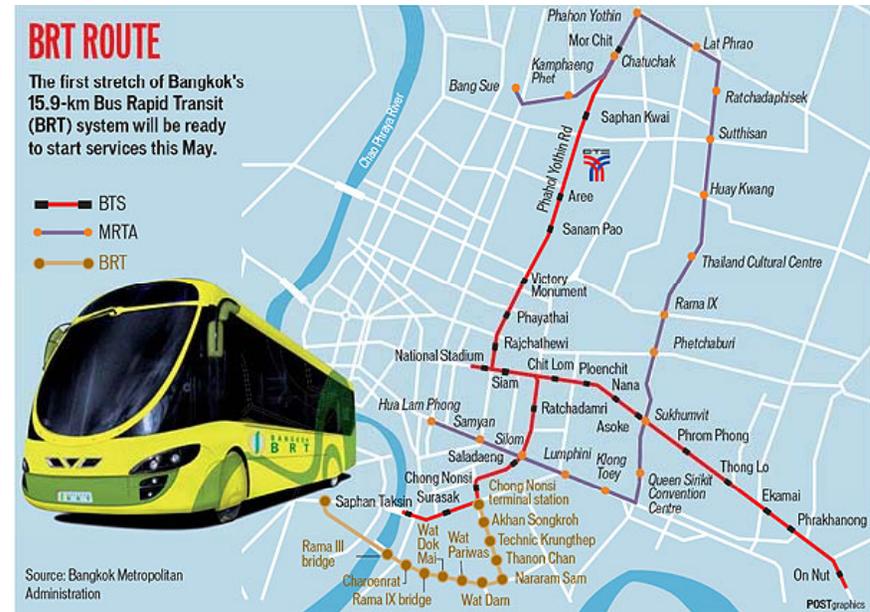
CC Strategic Objective 4



Objective 4: Promote energy efficient, low-carbon transport and urban systems

Key Expected Outcomes:

1. Sustainable transport and urban policy and regulatory frameworks adopted and implemented
 - Indicator: Number of cities adopting sustainable transport and urban policies and regulations
2. Increased investment in less-GHG intensive transport and urban systems
 - Indicator: Volume of investment mobilized
3. GHG emissions avoided
 - Indicator: Tons of CO2 equivalent





CC Strategic Objective 4



Objective 4: Promote energy efficient, low-carbon transport and urban systems

Key Targets

- 20-30 cities adopting low-carbon programs
- \$250 million GEF funding accessed
- \$1.2 billion investment mobilized

Core Outputs

- Cities adopting in low-carbon programs
- Investment mobilized
- Energy savings achieved





How to Access GEF Funding?



- Eligibility for GEF Funding for Climate Change Projects
 - Party to the UNFCCC
 - Receives development assistance
- Types of Funding
 - Full-size project (FSP)
 - More than \$1 million
 - Medium-sized project (MSP)
 - \$1 million or less
 - Project preparation grant (PPG)
 - Based on needs





Proposed GEF SE Asia Sustainable Urban Transport Project



- **Project Title:** Demonstrating Environmentally Sustainable Transport in Asian Cities
- **Target Countries:** Cambodia, Lao PDR, Malaysia, Philippines & Vietnam
- **GEF Implementing Agencies:** UNEP, ADB
- **Regional Partner Institutions:** UN-CRD, CAI-Asia
- **International Partner Organizations:** UN-DESA, Viva Cities, GTZ





Proposed GEF SE Asia Sustainable Urban Transport Project



- **Project Objective:** Divert the urban development pattern of medium size cities toward people oriented space of compact diverse clustered habitation areas connected by transport-efficient modes with low global and local pollutants.





Proposed Project Components



1. National Environmentally Sustainable Transport Strategies
2. Build the capacity of national and municipal Professionals
3. Sustainable Low Carbon Transport City Planning
4. Initial investments by cities
5. Public consultation and awareness
6. National Project Management (M&E)
7. Regional Technical Coordination Dissemination and Best Practice sharing





How to Apply for GEF Funding?



Develop Project Idea



Work with a GEF agency to turn the project idea into a GEF proposal (PIF)



PIF endorsed by the national GEF Operational Focal Point

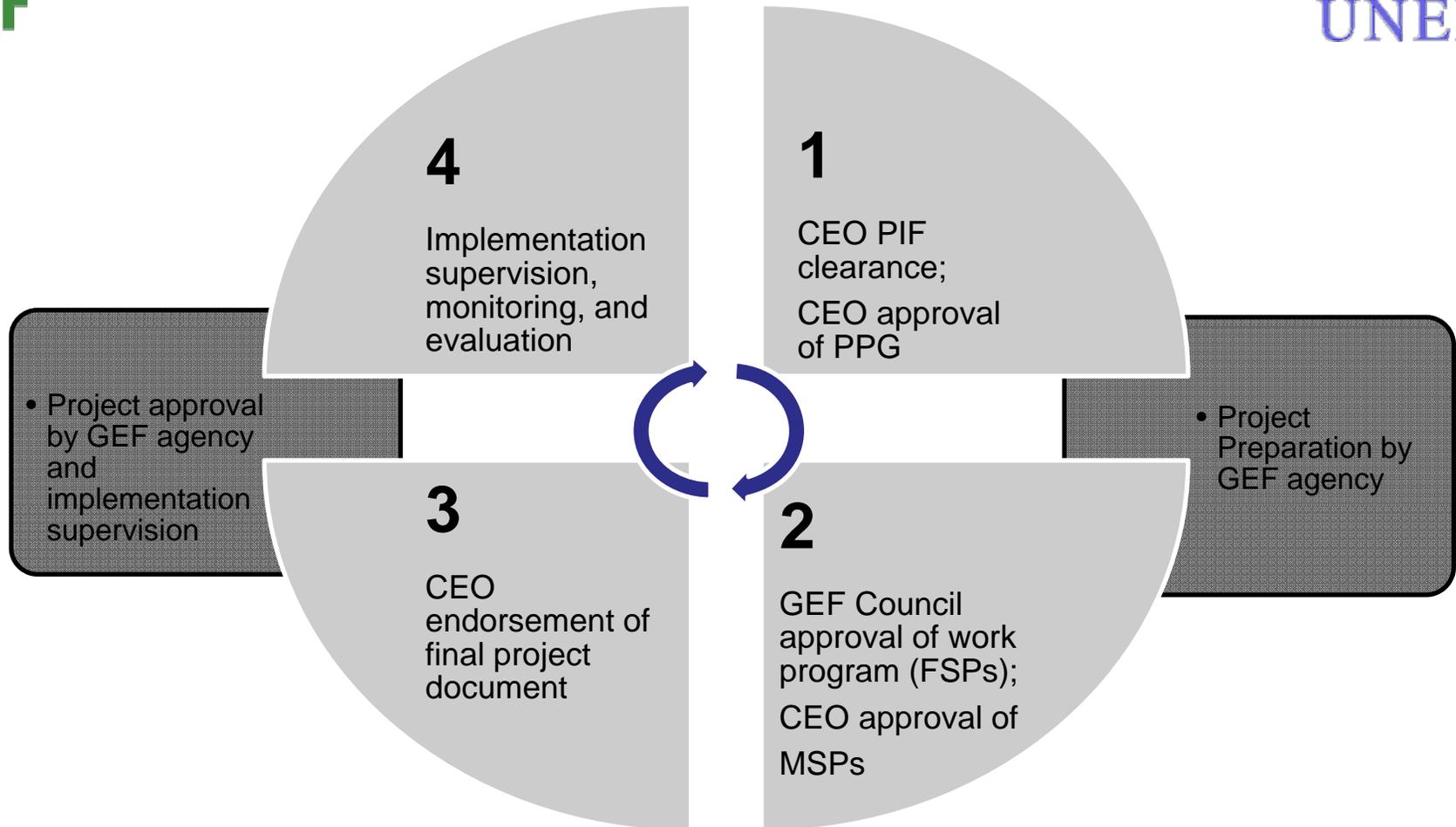


PIF (and PPG) submission to GEF for review and approval



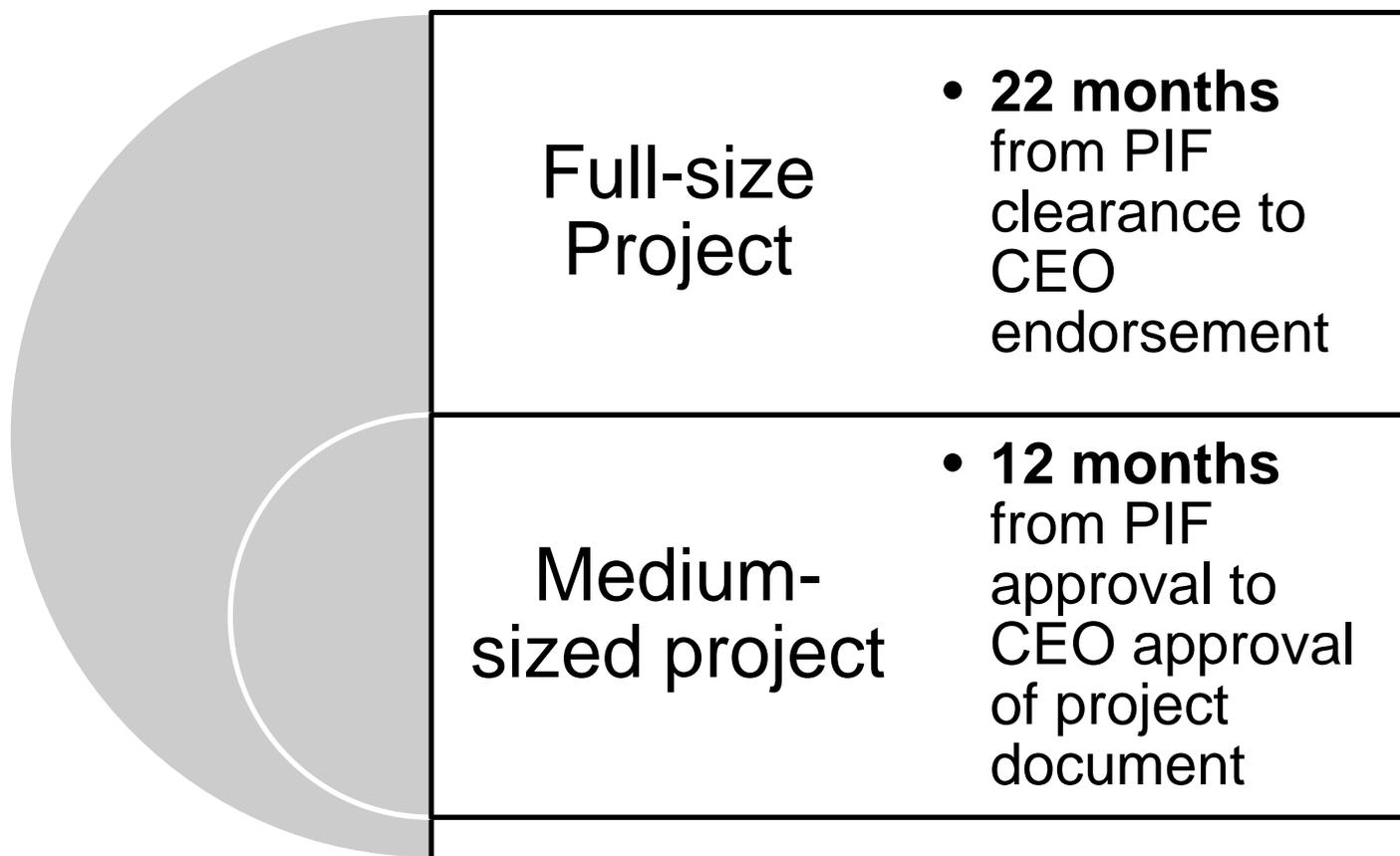


GEF Project Cycle





Timeframe for Project Preparation





Project Review by GEF



- ✓ Country eligibility
- ✓ Endorsement by the national GEF Operational Focal Point
- ✓ Consistency with GEF strategic objectives
- ✓ Resource availability
- ✓ Comparative advantage of the GEF agency
- ✓ Delivery of global environmental benefits
- ✓ Soundness of project design
- ✓ Consistency with national priorities and policies
- ✓ Cost-effectiveness of the project
- ✓ Value-added of GEF involvement (incremental reasoning)
- ✓ Project cost and co-financing





Thank You! Khob Khun Khrap!

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