

Integrating Climate Risk in Long-Term Planning

Session 4: Developing a Preliminary Action Plan

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Session 4: Developing a Preliminary LTS Action Plan



Session 4 Objectives

- ✓ Review and reiterate key takeaways from Sessions 1 – 3
- ✓ Understand the role of an LTS implementation plan
- ✓ Understand the utility and importance of Monitoring, Evaluation, and learning (MEL) for LTS
- ✓ Develop perspectives and insights from country experiences
- ✓ Start preparing a preliminary LTS action plan for your country

Recap: Session 1 – 3



What are Long-term Strategies?

- A country strategy or plan that sets a vision and pathway towards sustainable, low-emission development to 2050
- Help countries establish long-term climate and development goals and consequently directs short-term decision-making
- Define pathways for achieving those goals



Transparency

Are your ***data sources***, ***assumptions***,
and ***methodologies***:

Documented



Reported



- Documenting your process
- Ensures all assumptions and methodologies are clearly explained and documented to facilitate replication and assessment
- Applying transparency to LTS supports good governance, technical rigor, and helps foster an environment for investment

Why Care about Climate Risk?

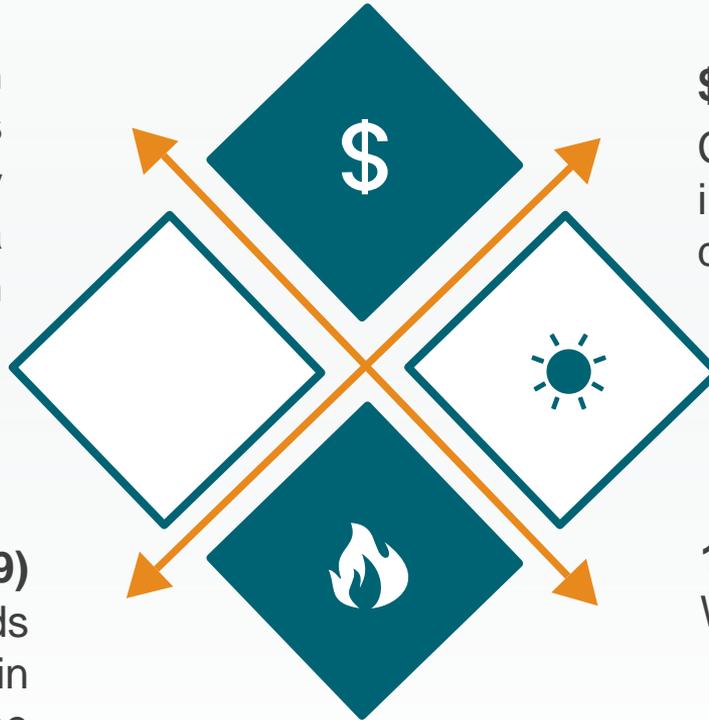
Climate risk considerations are essential for environmental, economic, development strategies and planning

1.6% of GDP in hurricane damages
each year for every country in Latin America and the Caribbean

\$4 billion
Crop losses in 2017-2018 in Argentina and Uruguay due to droughts

548 Floods (2000-2019)
On 12 occasions, floods caused >US\$1 billion in Latin America and the Caribbean.

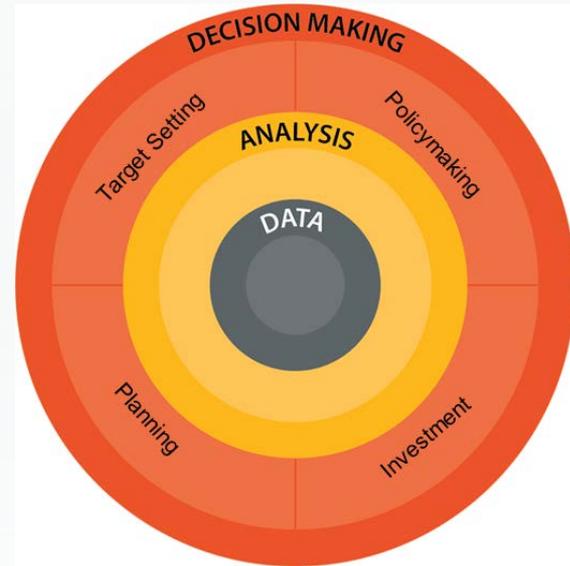
1.9 million hectares burned
Wildfires in the U.S. in 2019

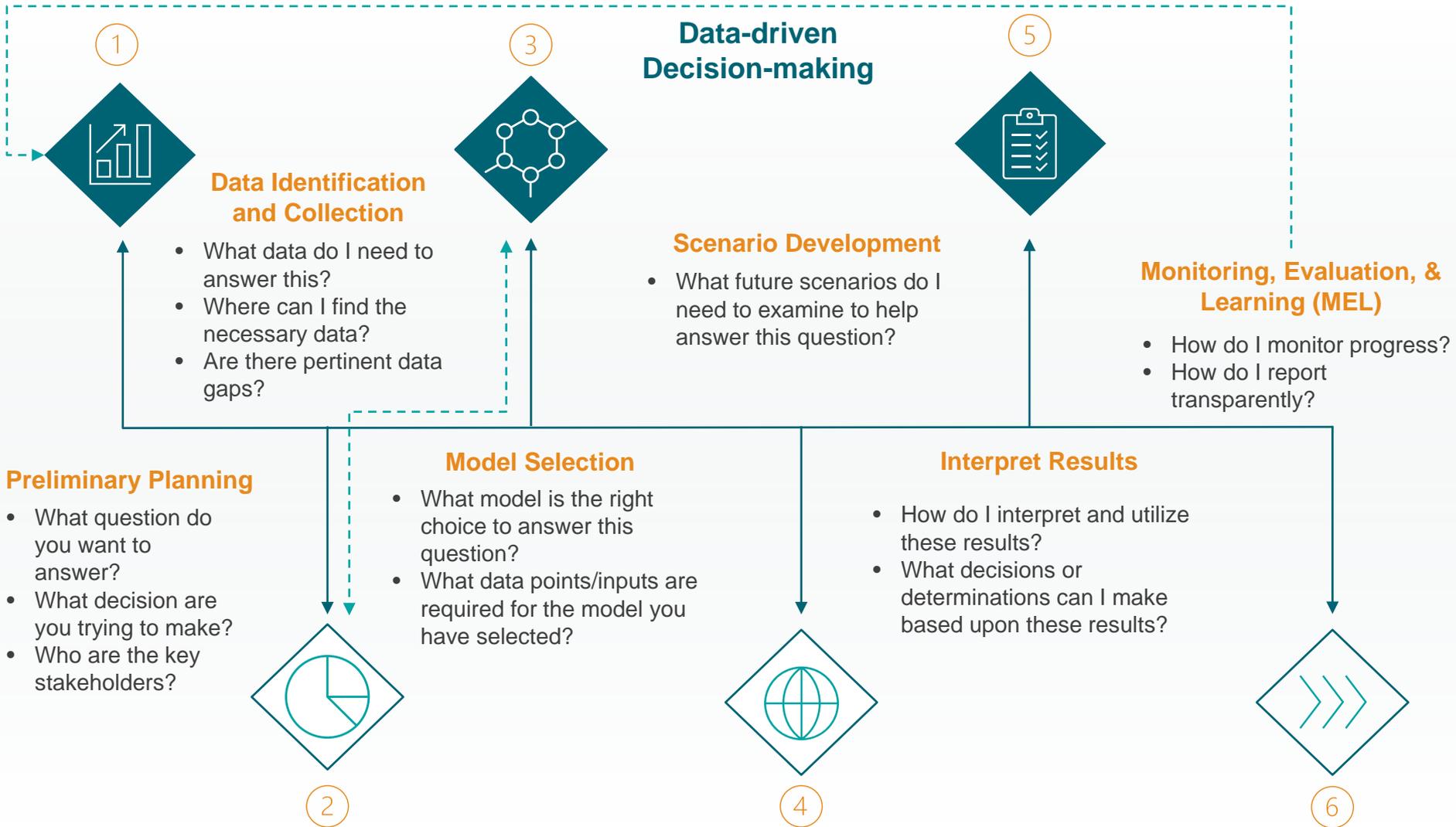


Data and Analysis: Essential to Decision-Making

Data-analysis-decisions nexus:

- Reliable, robust, and validated data are critical for informed planning, policy development, and investment.
- Data can be from a variety of sources, and may vary in quality, completeness, and accuracy.
- Data and analysis provide an **evidence-based approach**.





Climate Considerations & Scenario Development

Climate considerations are integrated into scenarios as uncertainties.

- ✓ Developing multiple possible future scenarios incorporates those **uncertainties.**
- ✓ Outputs capture key climate considerations.
- ✓ Allows for more informed decision-making.
- ✓ Documenting data, assumptions, and methodologies supports transparency.



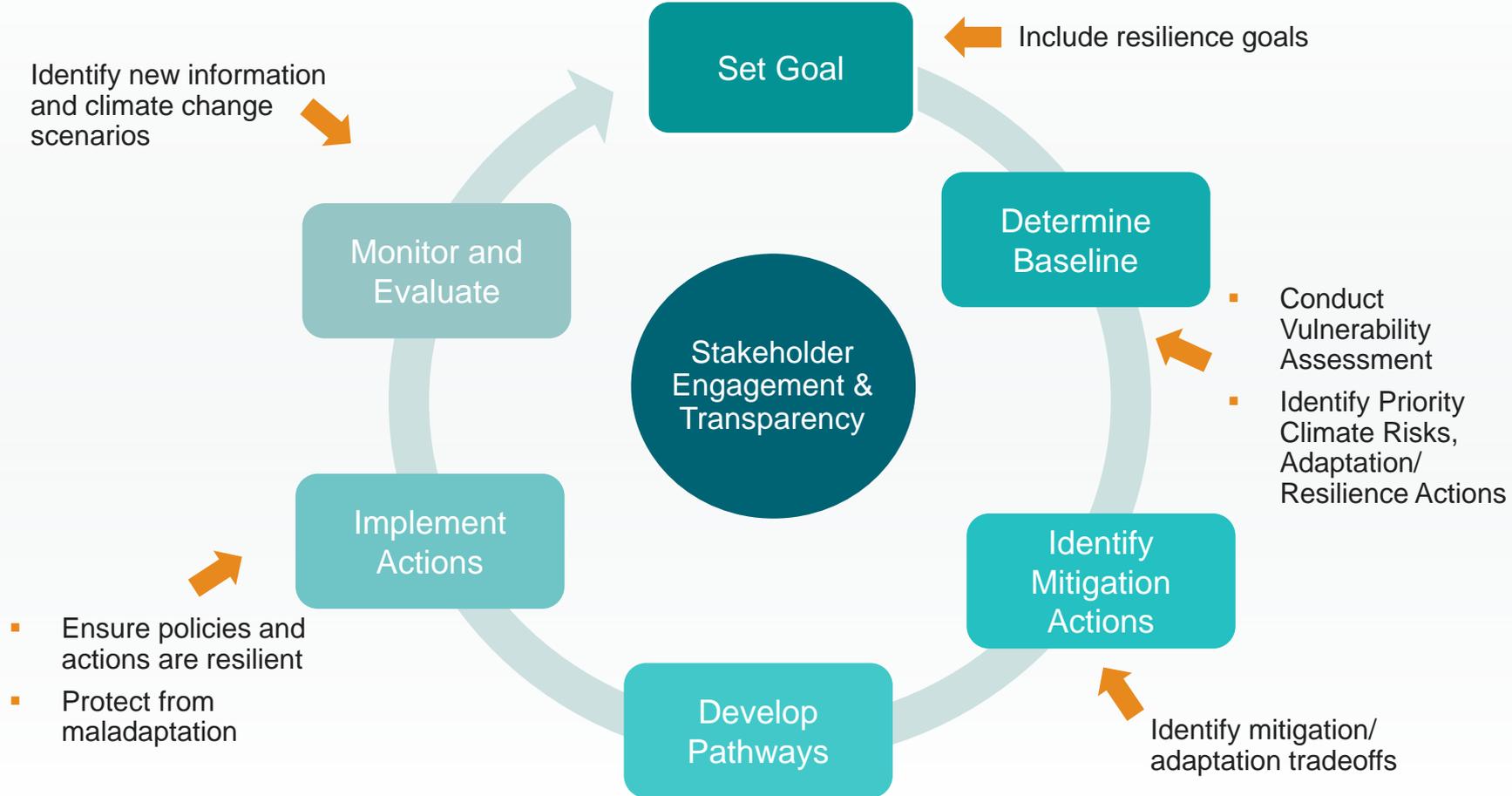
Hurricane Maria-damaged and flooded plantain fields. October 2017. Photo/PRDA.

LTS Development





LTS Development Process



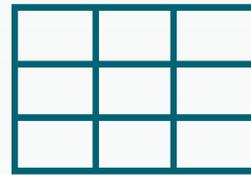
Iterations of LTS

	Base Version	Intermediate Version	Detailed Version
Long-Term Goal 	✓	✓	✓
Mitigation & Adaptation Strategies 		✓	✓
Monitoring & Improvement Process			✓
Data and Models 		✓	✓
Resources 		✓	✓
Institutional Arrangements 		✓	✓

LTS & Challenges

Examples:

- Lack of clear stakeholder roles and responsibilities
- Limited data availability and quality
- Lack of standardized data documentation and processes
- Limited human resources, in terms of capacity and/or technical expertise
- Finance/investment constraints



LTS Implementation and Monitoring



LTS Implementation

1. Linkages to sectoral plans and short-term strategies
2. Policies and pathways
 - Target Setting
 - Incentives, Regulations, etc.
3. Investment
 - Public and private
 - National and international
 - Enabling environment

LTS Implementation Pathways: Fiji

For AFOLU:

- Reduced deforestation and increases in plantation productivity;
- Extensive afforestation; and
- Reduced enteric fermentation, manure management and measures to train farmers in the use of synthetic fertilisers.

For electricity and other energy use:

- Economy-wide energy efficiency measures, capacity building, and education;
- Capacity building for renewable energy and smart grids; and
- New solar, hydro, biomass, wind, waste-to-energy, biogas, geothermal, and energy storage installations.

Financing LTS: Key Considerations

1. Identification of domestic sources of finance (public and private)
2. Identify available and accessible climate finance:
 - Climate Funds (GEF, GCF, CIF); Multilateral Development Banks; Bilateral Climate Finance; and Adaptation Fund
3. Alignment of shorter-term investment with LTS goals
4. Development of climate finance strategies should coincide with an LTS

Financing Strategy: Costa Rica LTS

- Two cross-sector strategies in LTS aiming to **mobilize** and **allocate** funds
- **Strategy B:**
 - Elaborate and implement a “Green Tax Reform”
 - Reform will mobilize new revenue sources for the transport sector with a focus on taxing negative externalities
 - Led by the Ministry of Finance
- **Strategy C:**
 - Mobilize national and international funds from public and private sources through the Green Climate Fund (GCF) and Global Environment Fund (GEF)
 - Led by Ministry of Foreign Affairs and the Ministry of Foreign Trade

Monitoring, Evaluation, and Learning (MEL)



**Support better planning
and decision making**



**Support learning
and Exchange**



**Provide accountability to
funders and citizens**



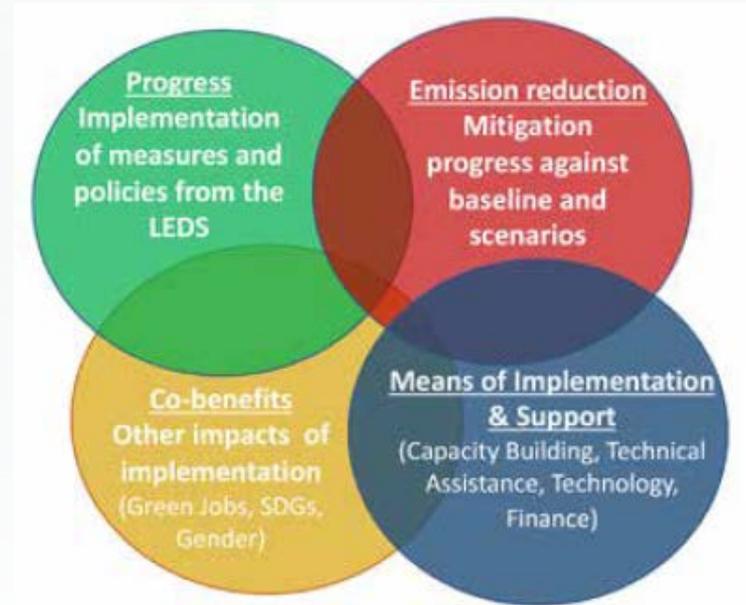
**Gather information
for reporting**

Source: IIED

M&E Example: Fiji

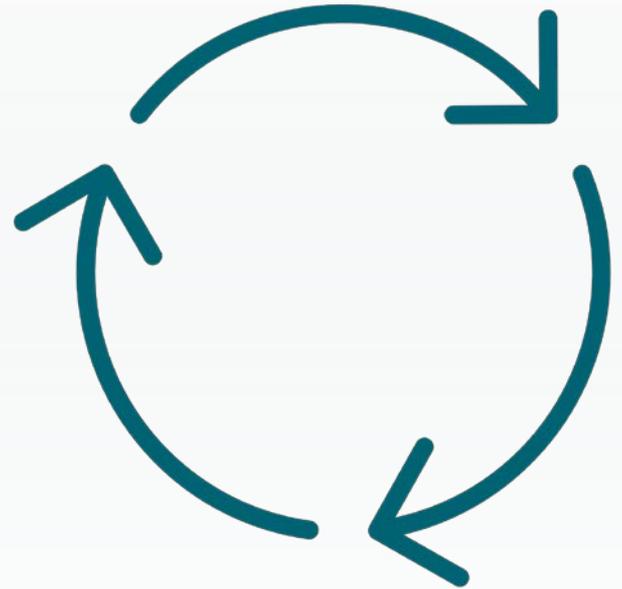
“A robust M&E plan for the LEDS will ensure transparency, accuracy, and comparability of information with regards to GHG emissions for each of the five-year periods leading towards 2050.” – Fiji LTS

1. Tracking implementation of specific policies and actions;
2. Tracking GHG emissions reductions achieved against the baseline and mitigation pathways;
3. Tracking impact of policies and actions in creating co-benefits; and
4. Tracking means of implementation and support.



Review and Iteration of LTS

- **Treated as living documents**
- Strategies should be reviewed and updated, at regular intervals
 - Increasing internal capacity to update and revise
- Revisiting targets as priorities, capabilities, information, and resources shift
- Regular monitoring of progress increases accountability, ensures targets are being met, and enhances transparency



Additional Resources & Next Steps



Organizations Supporting LTS Efforts

Organization	Capacity Building				Types of Products		Scope of Focus	
	Bilateral Technical Assistance	Regional Trainings	Global Trainings	Peer to Peer Exchanges	Knowledge Resources and Tools	Modeling & Quantitative Analysis	Economy-wide	Sectoral
USAID	✓	✓			✓	✓	✓	✓
2050 Pathways	✓		✓	✓	✓	✓	✓	
ClimateWorks Australia	✓				✓	✓		
Euroclima+		✓		✓			✓	
GGGI	✓				✓	✓	✓	
GIZ	✓				✓	✓	✓	✓
IDB	✓	✓			✓		✓	
IDDRI	✓	✓		✓	✓	✓		
LEDS-GP	✓	✓	✓	✓	✓		✓	✓
NDC Partnership	✓			✓	✓	✓		
OECD			✓				✓	
UNDP	✓	✓	✓		✓		✓	
World Bank					✓	✓		✓
World Resources Institute			✓		✓			

Resources and Future Engagement

Workshop Materials

- A [T-LTS Analysis Report](#) may be a helpful additional resource.
 - Includes information on transparency, LTS, models, and donor activities.
- The T-LTS project will develop additional best practice guidance based on the outcomes of this training.

Additional Resources

Resource	Source	Notes
Good Governance for Long-Term Low-Emissions Development Strategies	WRI	A summary of key components that countries should consider when developing LTS (e.g., institutional arrangements, review procedures, and international coordination).
Key questions guiding the process of setting up long-term low emission development strategies	OECD	A review of processes required for establishing an LTS.
Long-term low emissions development strategies and the Paris Agreement. Why, what and how?	IDDRI	A policy brief on what LTS goals should be considered in the context of the Paris Climate Agreement.
Long-Term Low Greenhouse Gas Emission Development Strategies: Approaches and Methodologies for Their Design	WRI	A step-by-step overview of approaches and methods to consider when developing LTS.
Making Long-Term Low GHG Emissions Development Strategies a Reality	GIZ	A guide on how to develop an initial LTS and for improvements that can be made through future revision cycles.
Developing a National Greenhouse Gas Inventory System Template Workbook and the Greenhouse Gas Inventory Toolkit	US EPA/ USAID	Templates and guidance materials to support the development of national greenhouse gas inventories (e.g., data management, quality control/quality assurance, institutional arrangements)
LEDS LAC Regional Platform	LEDS LAC	Assorted materials including tools, case studies, trainings, and other publications to help support resilient and low emission development in LAC.



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Thank you

