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***Global Workshop to Accelerate
Energy Efficiency: Challenges,
Opportunities and Roadmaps***



SUSTAINABLE ENERGY
FOR ALL

**“ACCELERATING ENERGY EFFICIENCY:
INITIATIVES AND
OPPORTUNITIES IN LATIN AMERICAN
AND THE CARIBBEAN”**

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- *To assess the contribution to sustainable development of energy efficiency measures.*
- *To proposed a set of criteria, important for accelerating energy efficiency in the LAC region.*
- *Through such criteria, highlights a range of possible interventions, that have been prioritized for a number of LAC Countries*
- *Priority based on a demand driven analysis including 26 polled countries*

First issue: the region it is not an homogeneuos area, there are deep differences in development, energy sources, social and cultural behaviour, equity, infraestructure, etc.

- 1. In many cases a vulnerable energy system.*
- 2. High fuel costs, relative to national income, with price volatility impacts on consumers.*
- 3. Lacks in energy supply infrastructure (security of supply).*
- 4. High levels of technical losses in the power sector.*
- 5. Low load factor in power consumption.*
- 6. High rates of growth in demand against restrictions on the investment capacity.*
- 7. High costs of production and distribution of power and/or natural gas.*
- 8. Relative low level of access to modern energy sources.*

- A lack of institutional permanence
- In general, not a top issue in the energy agenda
- Insufficient knowledge on opportunities
- Up front costs as the key point in the decision
- No regulation of existing laws
- Not oriented subsidies
- Customs problems in entry of inefficient equipment
- Reluctance to provide funds to finance efficiency projects
- The energy efficiency market has not been developed
- Absence of a set of indicators to highlight progress and success

1. Clear targets definition.
2. Define priorities, policies and resources for the implementation of actions and monitoring process.
3. Available information to implement and assess actions.
4. Adequate Institutional framework.
5. Size of the market and opportunities for regional cooperation.
6. Energy efficiency is a cross cutting issue: need of institutional coordination.
7. Sustainability and adequate economic and financial management.
8. Motivate the private sector.
9. Increase the role of energy utilities.

Key features identified

- *Several countries put in place or are analyzing a plan on energy efficiency.*
- *To introduce and energy efficiency act and/or an Agency.*
- *A common and successful action in lighting.*
- *Actions to implement labelling, but still a lack of testing laboratories.*
- *In some cases, actions as an answer to “energy crisis” – Stop and go policies.*
- *Common gap, adequate data and statistics to evaluate results.*
- *Lack of funds for sustainability of the programs*

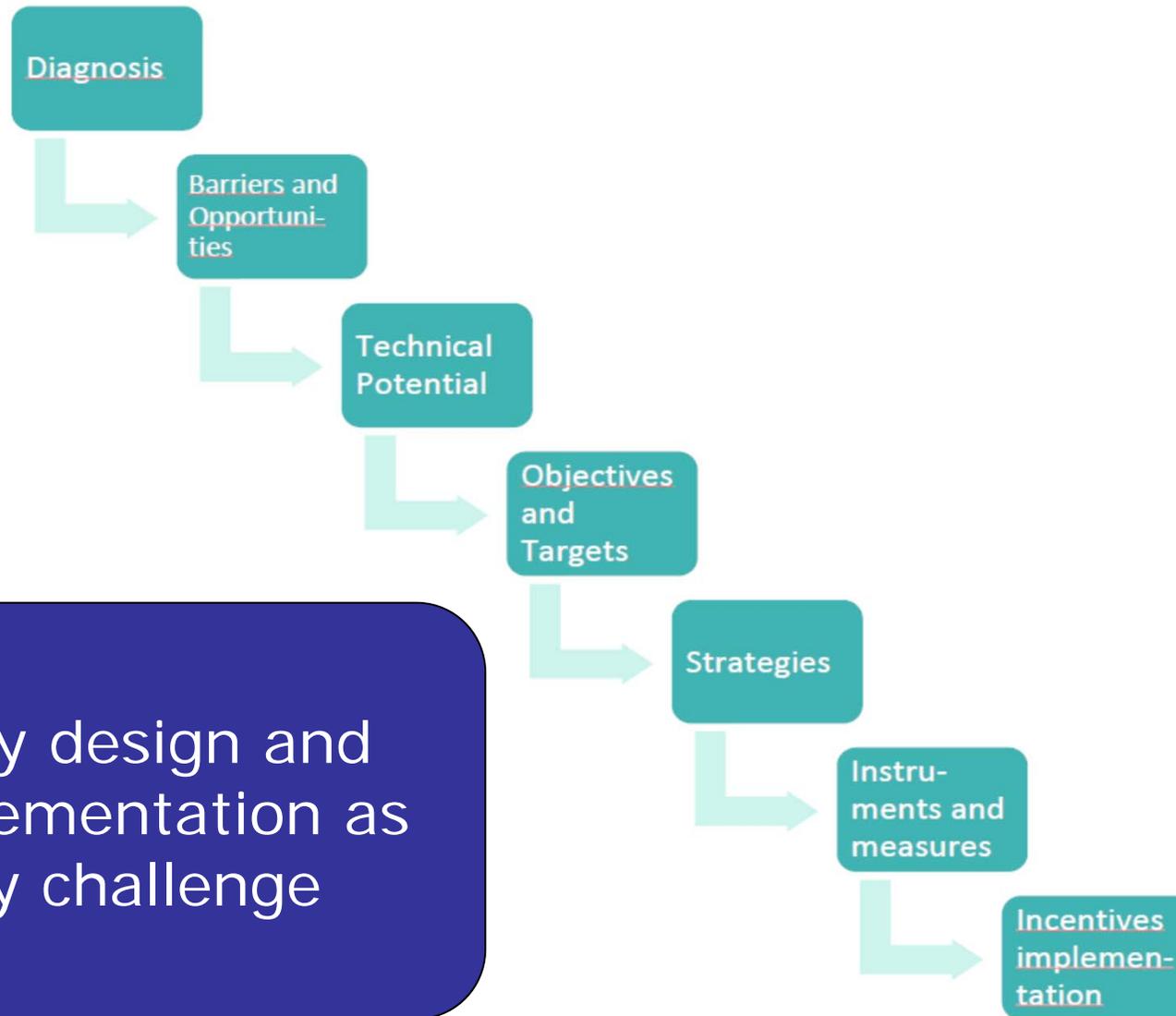
Criteria proposed to identify cooperation options

- Institutional issues
- Legal and regulatory frameworks
- Financing resources and mechanisms
- Scarcity of resources or funding
- Sectors or uses of significant magnitude and specific weight
- Milestones of structural changes in energy policy
- Potential technological niche development
- Replicating actions in other countries in the region
- Degree of progress and local capacity
- The lack of a favourable policy environment and an abundance of energy resources

Three groups of LAC countries present specific situations that could mean different roles in potential technical assistance activities.

1. Not identified as the highest priority for technical assistance, but they could be treated as potential providers of technical support to other LAC countries. In particular, Brazil and Mexico.
2. Different possibilities, and in several cases, synergies could potentially be used in relation to other assistance programs that are running. (Chile, Colombia, Costa Rica, Ecuador, Panama, Uruguay).
3. Is the most complex when it comes to identifying potential recipients and prioritizing actions. (Bolivia, Dominican Republic, El Salvador, Guatemala, Guyana, Honduras, Nicaragua, Paraguay).

Step-wise to develop a logical policy process



Policy design and implementation as a key challenge

Some of key potential initiatives for cooperation

- Capacity building and reinforcement
- Database for energy efficiency indicators
- Institutional, legal and Regulatory development
- Industry: EMS implementation
- Design and implement effective policies, strategies and instruments (EMS, labelling, standards, audits, direct actions, pilot projects, oriented funds, etc.)
- Efficiency Centres
- Information, awareness and Guidelines development.

Thank you very much for your attention!

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