

# Latin America and the Caribbean Renewable Energies and Energy Efficiency

## Programme for Climate Protection

- english and spanish overview -

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Die Zukunftsförderer



**(1) Climate Financing by KfW**

**(2) Financing of RE / EE in LAC**

**(3) Instruments of support**

# KfW Climate Initiatives & Carbon Fund



## **KfW new commitments for renewable energy & energy efficiency investments:**

Total (domestic and international):	€ 14.5 billion loans in 2008
Financial cooperation with DC:	€ 1.1 billion new commitments in 2008
Cost-effectiveness over 20 years:	€ 4.8 of public funding per ton of CO <sub>2</sub> eq.

## **Financial Cooperation**

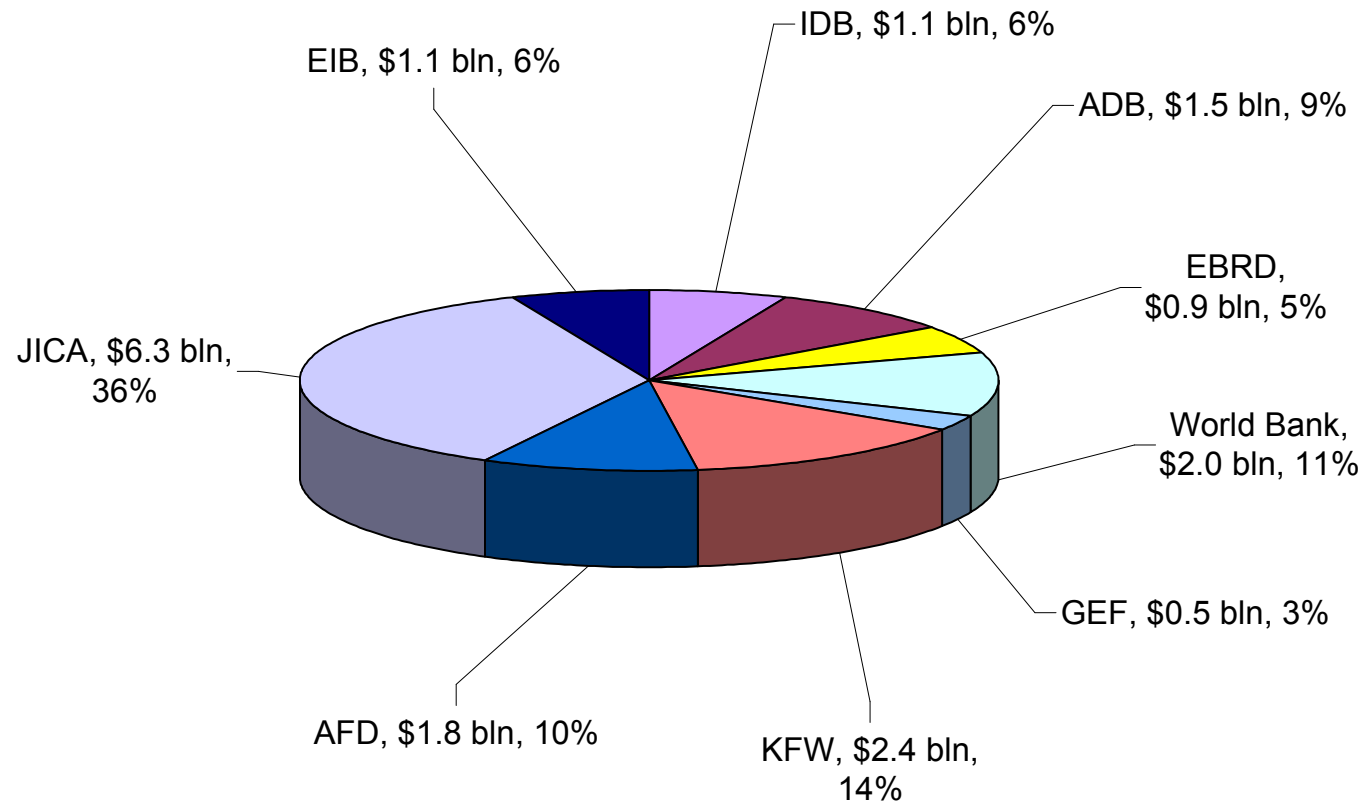
- Renewable Energy, Energy Efficiency, Forest Protection and Reforestation Projects
- German International Climate Initiative (IKI)
- German International Climate and Environment Program (IKLU)

## **Carbon Fund (JI/CDM)**

- KfW Carbon Program
- EIB-KfW Carbon Program
- Government of Belgium Carbon Fund
- EIB Post-2012 Carbon Fund



## Key Sources of International Public Climate Financing: Committed Grants & Concessional Loans in 2008



Source: Estimates based on SEI, GEF & German Parliament

18 billion USD (12 billion €) of new commitments for mitigation & adaptation

## Why we are doing what we are doing: Diversifying the energy matrix to secure a cleaner energy supply



- 1. Comparado con el resto del mundo, aún bajos valores de consumo de energía y emisiones de CO<sub>2</sub>**
  - Pero también: consumo ineficiente de energía (150% del nivel de la OCED)
- 2. Elevado porcentaje de energías renovables**
  - El 70% de la electricidad proviene de ER, del cual el 68% es hidroeléctrica
  - Pero: es necesario rehabilitar las (grandes) centrales hidroeléctricas al tiempo que se agravan los impactos negativos del cambio climático sobre el agua como recurso
- 3. La demanda de electricidad está creciendo en un 4-5% anual**
  - Hasta 2030 serán necesarias inversiones de 700 millones de dólares americanos para cubrir la demanda (IEA)
  - Ampliación de centrales térmicas → duplicación de las emisiones de CO<sub>2</sub> hasta 2030
- 4.**

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