



»» Emerging technologies in Latin America and the climate change agenda

International cooperation perspectives

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Bank aus Verantwortung

KFW

>>> KfW at a glance

Transformation as a task



The **German Development Bank** founded in 1948 and AAA-rated:

- Total assets EUR 551 billion
- New business in 2021 EUR 107 billion (emerging markets EUR 10.1 billion)
- Capital market funding EUR 50.4 billion (green bonds EUR 16.2 billion)

Transformation as key strategy and target in this decade:

- Climate and environment
- Digitalization and innovation
- Building resilient societies

KfW Development Bank is well positioned in Latin America:

- 5 local offices and 1 regional hub for Central America
- New business per year EUR 1.5 billion
- Key areas of intervention: Biodiversity and natural resources management, water and sanitation, sustainable urban transport, renewable energy and sustainable financial systems

»»» Case I: Green Hydrogen

A new technology to boost green energy



Global demand for green hydrogen will increase substantially from nil to estimated 800 million tons by 2050

Forecast: Germany will have to import more than 80% of its green hydrogen demand:

- ➔ EUR 2 billion for international subsidies
- ➔ KfW is preparing development programs

In Latin America many countries are well positioned to export green hydrogen in a substantial scale.

»»» Case II: Green capital markets

Data availability and quality critical to scale up markets



Green Regulation in the European Union:

Reporting (CSRD, SFDR), Ambition (taxonomy) and standards (GBS).

High appetite for green bond in emerging countries but:

- ➔ Inconsistencies (methodologies, taxonomies)
- ➔ Deficiencies (reporting, data availability)

Latin American region well positioned to attract more green investments. KfW is supporting the development of green capital markets with **LAGreen** and has entered into a '**Green Bond Partnership**' with IDB.

»»» Case III: Digital and green public transport

Each city can contribute



The transport sector is critical to achieving the Paris goals.

There are many possibilities to use new technologies to greening the public transport such as.:

- ➔ Electro mobility (i.e. buses, cargo network)
- ➔ Smart ticketing (electronic and integrated systems)
- ➔ Fiscal instruments to stem transport emissions

Low hanging fruit at municipal. KfW is supporting municipalities and domestic development banks in the region.

»»» Thank you