



GET.transform

Supporting Latin America and the Caribbean in their Energy Transition

ECLAC Meeting on Renewable Energy for Adaptation and Regional Integration

5th ECPA Ministerial Meeting Panama 2022 (10th February 2022)

CHRISTOPHER GROSS

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European technical assistance programme supporting **national and regional public partners in Latin America and the Caribbean (LAC) and Africa**

- To advance their energy system transformations
- To contribute to knowledge sharing and mainstreaming of country and regional experiences.

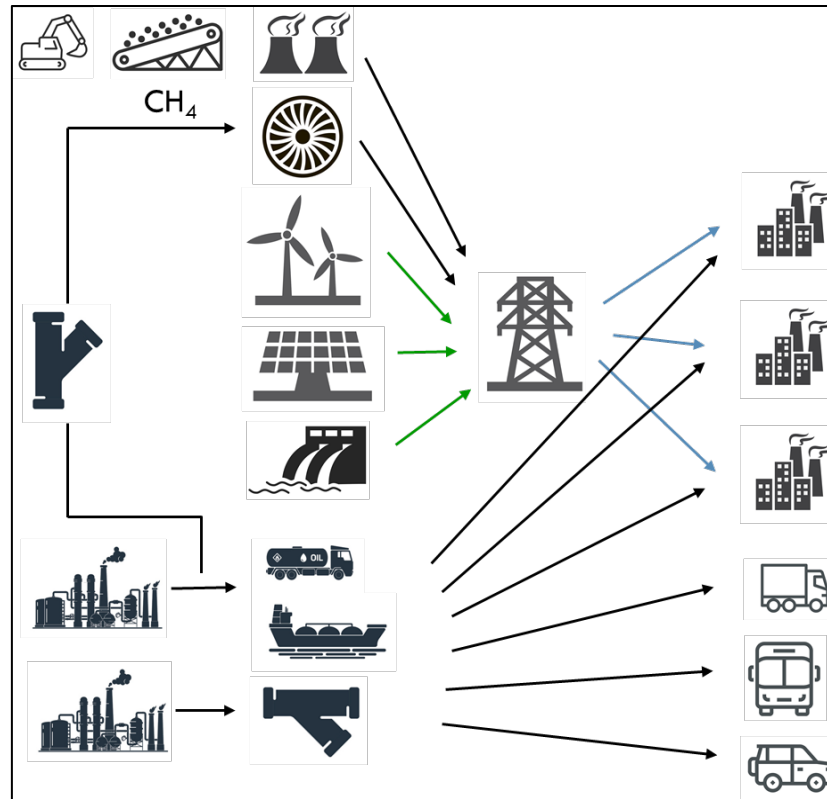


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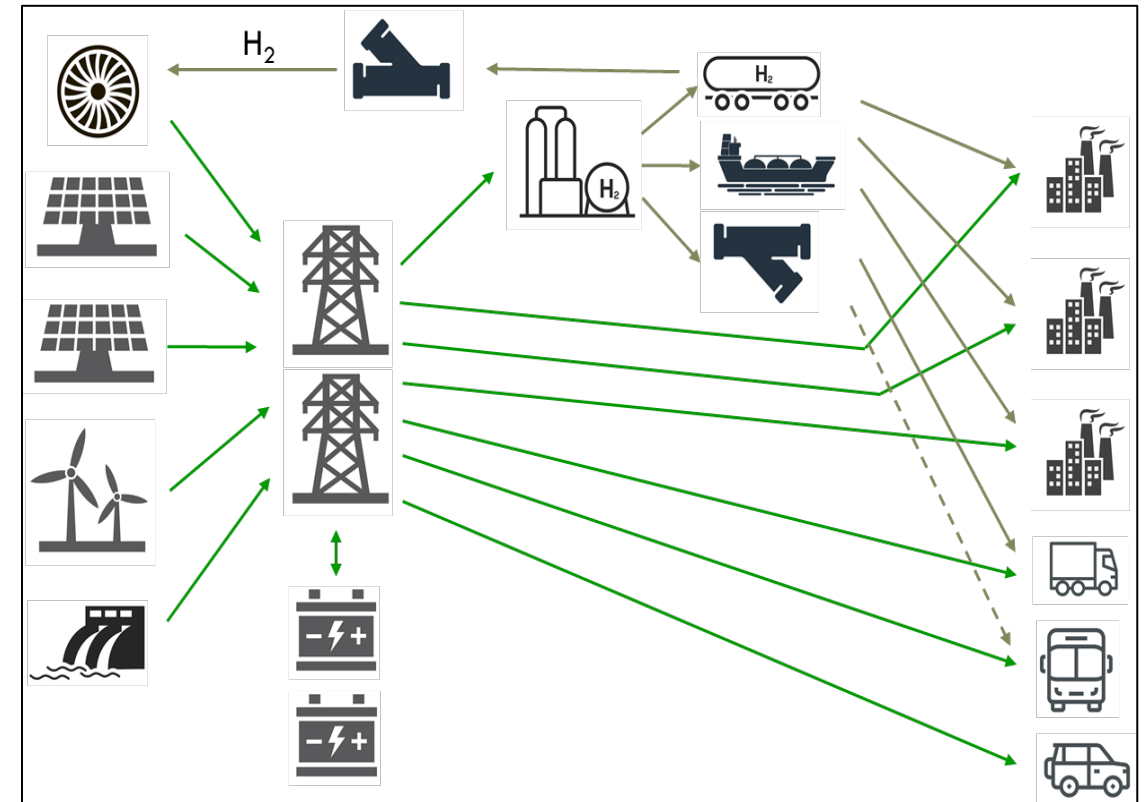
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Energy System Transformation



Growing Use of Variable Renewable Energy



The Carbon-Free Integrated Energy System

Energy Transition in LAC

ENERGY TRANSITION IN LAC



Long-Term Energy Planning: Providing for increasing energy and electricity demand



Renewable Energy Grid Integration: Updating planning and operating procedures



Regional Integration: Expanding the reach of renewable energy while improving resilience and energy security



Regulation and Market Readiness: Creating the enabling environment for promoting investment



Sector Coupling: Exploring new opportunities for integrating and decarbonising industry, transport and building sectors

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Mobilising energy system transformation **expertise**

Scaling-up and mainstreaming **country and regional experiences** in collaboration with UN-ECLAC, IRENA, G-PST and EUROCLIMA+

Providing country transition support to energy ministries, regulators and electric utilities



Long-Term Energy
Planning



Regulation and Market
Development



Renewable
Energy Grid Integration

Regulatory and
Technical
Ecosystem for
Energy System
Transformation

Access to
Sustainable
Electricity

UN-ECLAC Regional Forum of Energy Planners (FOREPLEN)



Objective: Strengthening national energy transition planning practices in LAC



GET.transform contributions to FOREPLEN (2020-present)

- ✓ Strategic partnership supporting the convening of FOREPLEN
- ✓ Peer exchange among **14** countries on **Long-Term Energy Scenarios (LTES)**, in collaboration with the IRENA LTES Network
- ✓ Analysis of **energy transition best practices** in **8** countries detailing recommendations for **renewable energy development, long-term energy planning and regional harmonisation** (report to be launched soon)
- ✓ Capacity building on best practices for the **integration of distributed renewable energy**



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Partnership with Peru



Supporting the national energy planning, including consideration of energy transition pathways

Strengthening capacity in the development and use of long-term energy scenarios



21/02/2022



Enhancing the framework of renewable energy forecasting for power system operation through recommendations for updated practices and regulation



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