

ENERGY DISTRICTS PROJECT COLOMBIA

Singapore, 8th – 12th May, 2023









COLOMBIA - LOCATION

Officially the **Republic of Colombia** is a country in South America with insular regions in the Caribbean (San Andrés and Providencia) and in the Pacific (Gorgona island and Malpelo Island).

BORDERS

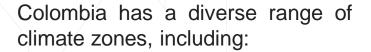
The Colombian mainland is bordered by the Caribbean Sea to the north, Venezuela to the east and northeast, Brazil to the southeast, Ecuador and Peru to the south and southwest, the Pacific Ocean to the west and Panama to the northwest.





COLOMBIA - CLIMATE

The climate of Colombia is characterized for being tropical, presenting variations within six natural regions and depending on the altitude, temperature, humidity, winds, and rainfall.



- Tropical rainforest
- Savannas
- Steppes
- Deserts
- Mountain



Savanna



Tropical Rainforest



Desert



Steppe



Project Partners





MINISTERIO DE AMBIENTE Y DESARROLLO SOSTENIBLE



MINISTERIO DE MINAS Y ENERGÍA







ORGANIZACIÓN DE LAS NACIONES UNIDAS PARA EL DESARROLLO INDUSTRIAL



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Embajada de Suiza en Colombia Cooperación Económica y Desarrollo (SECO)



To promote the implementation of energy districts as an alternative of sustainable urban development, reducing climate impact and increasing energy efficiency.



ED IN COLOMBIA – PHASE 2

Institutional

Improve and implement national and local/decentralized policy and regulatory frameworks to promote further development of energy districts.

Knowledge sustainability

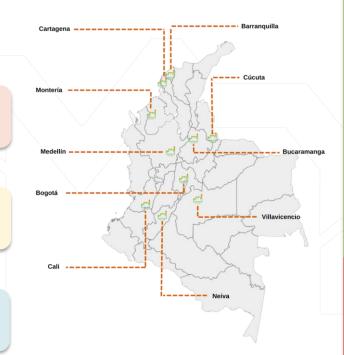
Strengthen capacities in the different market players and enable partnership between them to promote energy district projects

Market development

Provide technical assistance to cities and private companies to promote the materialization of energy district projects on different scales and market niches.

Thermal service not taxed in

national regulations



2020

2021

2022

2023

Goals



ED axis in CIDARE with service portfolio in implementation



Energy maps as a planning tool in cities













DISTRICT ENERGY DEVELOPMENT IN COLOMBIA

Six(6) energy districts in operation:



2 Urban energy districts



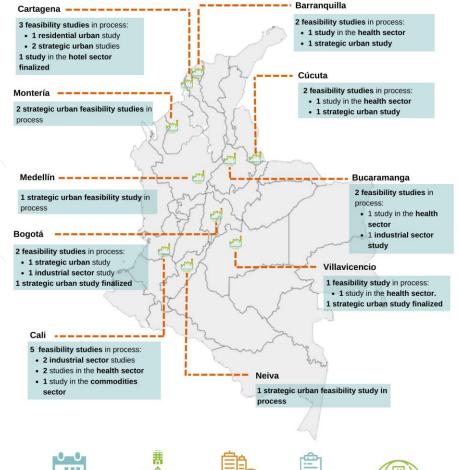
3 Intramural cooling districts







DISTRICT ENERGY DEVELOPMENT IN COLOMBIA





Open calls for projects between 2020-2022



21 feasibility studies in process and 3 studies finalized



USD



13 private projects



11 strategic urban projects.

Thanks



