



HG Engineering LLC

Engineering and infrastructure projects in diverse environments



Isla Grande
Cartagena, Colombia



HG engineering LLC is a company composed of a group of enterprises that integrates the design, implementation, and operation of energy solutions, combining technical expertise, operational management, and community engagement in its projects to ensure long-term sustainability

HG
Ingeniería

The logo for HG Ingeniería, consisting of the letters 'HG' in a bold, white, sans-serif font above the word 'Ingeniería' in a smaller, white, sans-serif font, all contained within a solid blue circular background.

Genercol

The logo for Genercol, featuring the word 'Genercol' in a white, sans-serif font with a small green leaf icon above the letter 'e', all contained within a solid dark teal circular background.

Mavecure hills
Guainía, Colombia



HG
Ingeniería
Design
Construction

A blue circular graphic containing the HG logo and the text "Ingeniería", "Design", and "Construction".

Genercol
Generation
Management
Operation

A dark teal circular graphic containing the Genercol logo and the text "Generation", "Management", and "Operation".

LED-LS
LIGHTING SOLUTIONS
Public and
ornamental
lighting

A light grey circular graphic containing the LED-LS logo and the text "Public and ornamental lighting".

Mavecure hills
Guainía, Colombia

Our operation model

Needs analysis

Analysis and interpretation of local needs integrating public policies



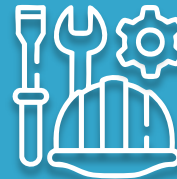
Design

Design of energy infrastructure projects



Construction

Construction of energy infrastructure integrating technical and economic components

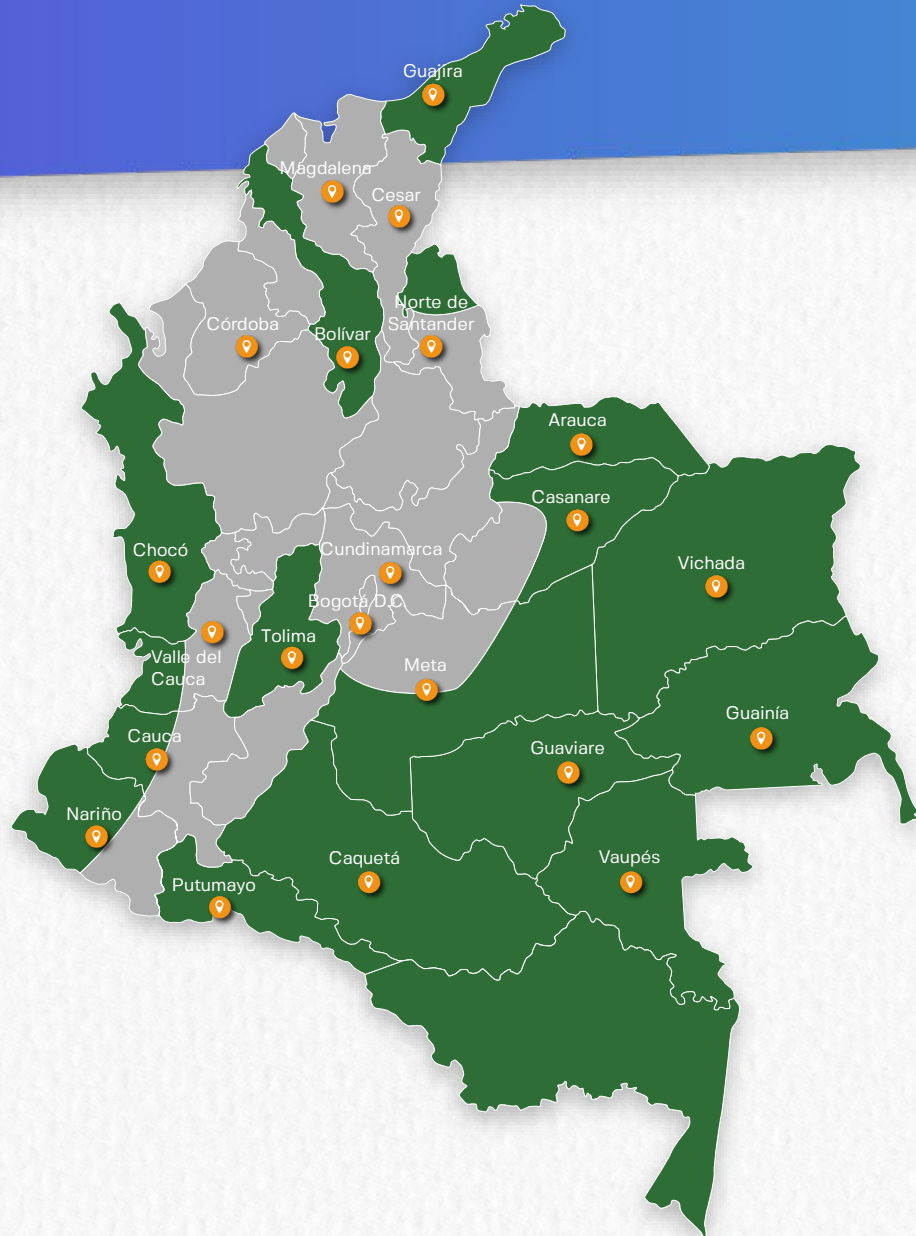


Operation

Management and maintenance in high-complexity environments and operation of on-grid systems



Colombian electrical system



**National
interconnection**
(1006 municipalities)

**Non-interconnected
Zones**
(97 municipalities)



Our contribution to
energy transition in
Colombia
(65 municipalities)

Timeline

Colombia - Us

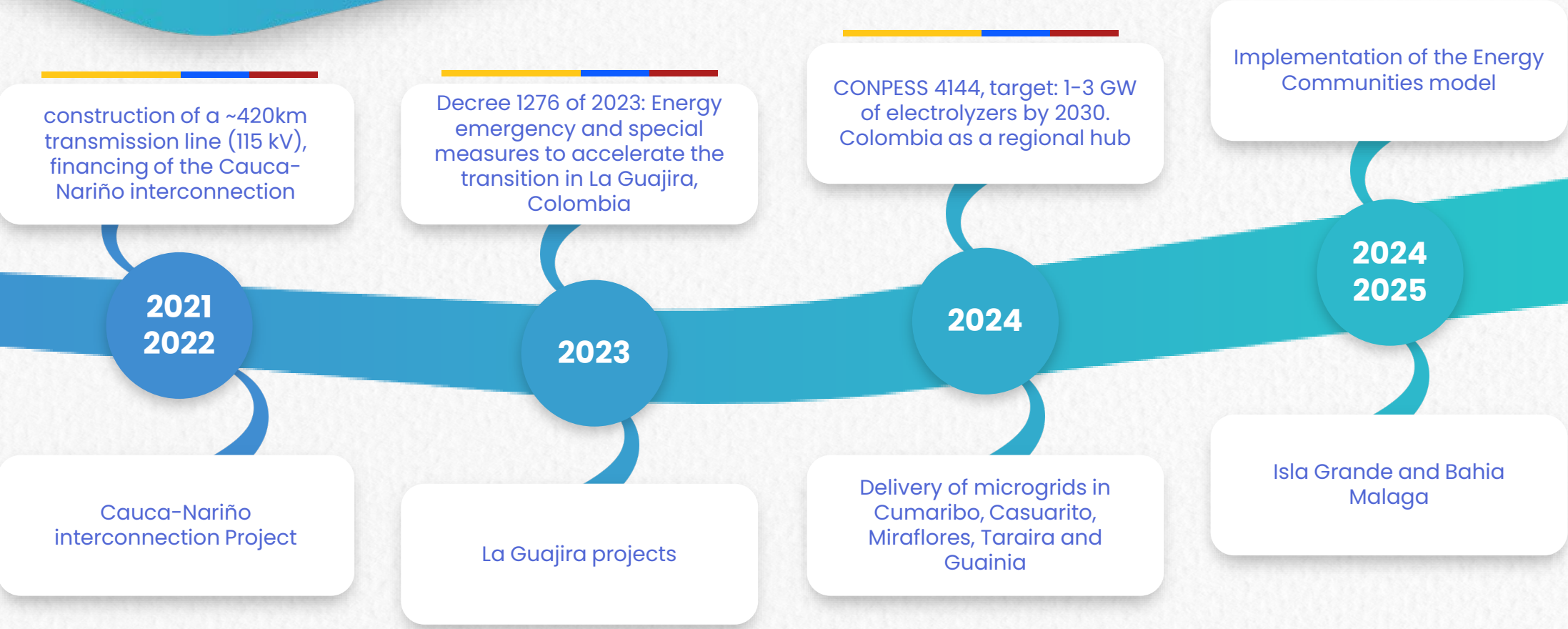
Colombia

Us



Timeline

Colombia – Us



An aerial photograph of a large-scale solar panel installation on a flat roof. The panels are arranged in neat, parallel rows, creating a strong sense of perspective as they recede into the distance. The surrounding area includes a fence, some trees, and a building with a blue roof in the background. A solid blue shape is overlaid at the bottom of the image.

Our trajectory

El Sol Brilla para Unguía

Power plant

Solar + Diesel + BESS

Own investment

Six years operating
continuously



13.512

Benefited users



2,83 MWp

Installed capacity



1.201

Tons of CO2 not
emitted

Unguía

Chocó, Colombia

individual solutions

for rural electrification



25.055

Energized homes



99 MWp

Installed capacity



100.220

Benefited people



Unguía
Chocó, Colombia

ON-GRID

2026
results



14 MWp
Installed capacity



9.272
Tons of CO2 not
emitted

**Transport
Terminal
Simon Bolivar**
Cali, Colombia

NANO-GRID

Uribia

Guajira, Colombia



165

Nano-grids installed



4 MWp

Installed capacity



2.000

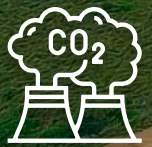
Benefited users

MICRO-GRID

2026 results



24.124
Benefited people



7.466
Tons of CO2 not
emitted



8,2 MWp
Installed capacity

Cumaribo, Vichada

Largest hybrid power plant in the country in
non-interconnected zones

1,401 kWh in BESS

1,423 kWp of installed solar power

1,455 kW of diesel power

Agrovoltaic



Inírida
Guainía, Colombia

2026 results



2.644

Benefited people



1.121

Tons of CO2 not
emitted



1,3 MWp

Installed capacity

Electrical networks

Cauca-Nariño

Interconnection Project



15.699 Un

Household Wiring



1.185 km

Medium-Voltage (MV) Line



34,5 kV / 152 km

Low-Voltage (LV) Line



Pacific community
Colombia

Our results

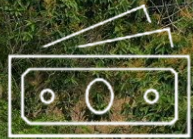


146 Projects
executed

Operation, management
and maintenance of



3 generation
plants



Over
250M USD
in Contracted Projects

46M
USD

in Renewable
Energy Projects

123M
USD

in Electrical
Infrastructure
Projects

2.5M
USD

in Civil
Engineering
Projects

Venado
Inírida, Colombia



Uribia

Guajira, Colombia

We are promoters of the sustainable development of the communities where we drive the energy transition.

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