

# Towers

**CENO** Steel Structures

Quality and Engineering at a Country's Service



Café Highway  
Colombia



CFE - Mexico

Power  
Transmission  
Towers



ETESA - Panama



COLOMBIA MÓVIL - Colombia

Substation  
Structures

Communication  
Towers

Small Towers  
(Structural Posts)



**CENO INDUSTRIAS CENO S.A.**  
*Leadership in Engineering and Quality*



At Industrias Ceno, we have been leaders in steel structure manufacturing since 1956 and since then, we have participated in telecommunication tower, power transmission tower, and substation structure supply.



A committed and specialized team with technological resources like numerical process control and our own galvanizing plant, allows us to offer excellent quality products.



The towers are hot-dip galvanized and finishing paint according to the customer standards and needs. They may be stand alone or braced and with different transversal configurations for different applications.



 **S t e e l**  
**Structures**  
Quality and Engineering at a Country's Service





# Communication Towers

The communications development in Colombia and in the continent has had our support as a wide variety of structure suppliers from CB antennas to television, wireless technology networks, satellite, and microwave antennas.

Our experience includes up to 150-meter tall tower design, manufacture, and erection, like INRAVISIÓN's station Manjuí. We have had a vast participation in the mobile telephony development, supplying up to 85-meter tall towers for COLOMBIA MÓVIL S.A., a utility provider.



# Power Transmission Towers



In the power line transmission towers, we have designed and manufactured one and two circuit lines, up to 230 KV.

We have gone beyond our borders, have designed, and installed transmission tower projects in Panama, Costa Rica, Nicaragua, Venezuela, and Honduras.



# Substation Structures



To complement the power line transmission towers, we have a mid and high tension substation crossbar designing, manufacturing, and installing vast experience, both lattice and swift beam.



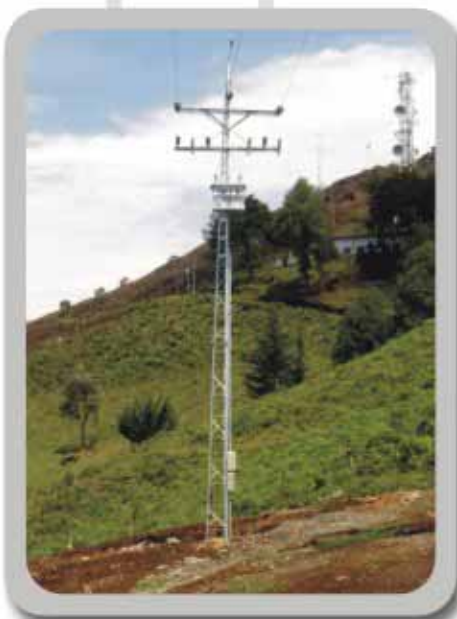


# Rural Electrification Small Towers (Structural Posts)

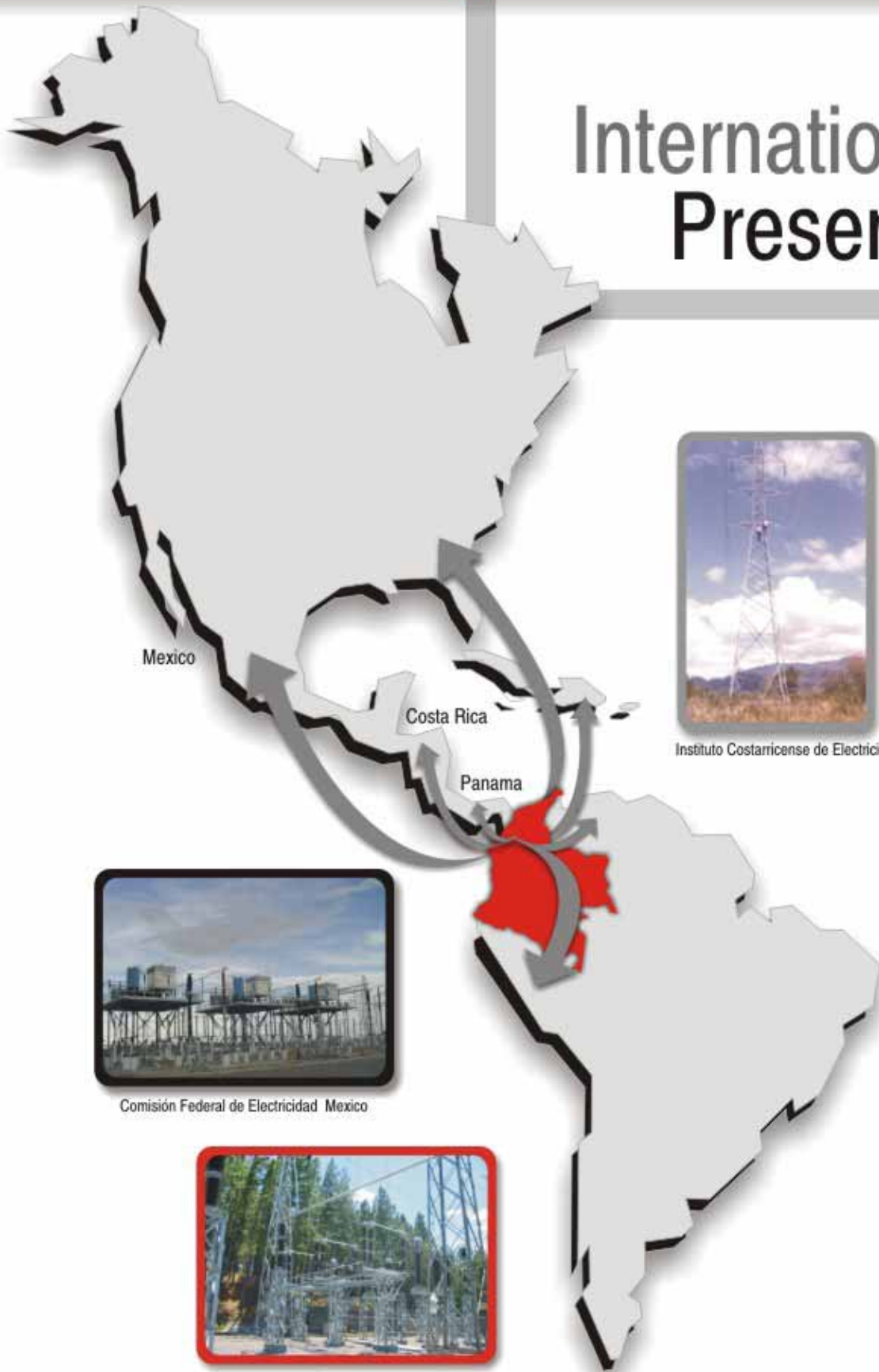


For hard-access area electrification, we have a practical, economical, and transportation, assembling, and erection beneficial alternative.

Our small towers can be used in rural mid tension primary electric networks and lines, in low-tension secondary networks, and in three-phase networks.



# International Presence



Mexico

Costa Rica

Panama



Instituto Costarricense de Electricidad - Costa Rica



Comisión Federal de Electricidad Mexico



Celmec substation - Panama



## Steel Structures

Quality and Engineering at a Country's Service

Lyophilized facilities roofing  
Lyophilized coffee factory  
Chinchiná, Caldas / Colombia

- Buildings and platforms
- Silos and tanks
- Substation power lines and crossbars
- Roofing platforms



## MECANO

*Leader* in Cable Tray Systems<sup>®</sup>

Cable Tray System Orbitel S.A.  
Medellín, Antioquia / Colombia



## ALMACENO

Warehousing Racks and Material Handling Systems

Selective Racking Almacenes EXITO  
Las Vegas, Distribution Center  
Envigado, Antioquia / Colombia



## Highway guardrails

We work for your safety

Highway guardrail  
Medellín Bogotá Highway Exchange  
Guarne, Antioquia / Colombia



# CENO INDUSTRIAS CENO S.A.

*Liderazgo en Ingeniería y Calidad*

MEDELLÍN / COLOMBIA: Calle 86 # 45-90 Itagüí  
PBX: 574 25 5 51 11 Fax: 574 255 51 79  
e-mail: [ventas@industriasceno.com](mailto:ventas@industriasceno.com)

BOGOTÁ / COLOMBIA: Calle 17A # 23-65 Paloquemao  
PBX: 571 277 97 08 Fax: 571 201 49 62  
e-mail: [ventasbogota@industriasceno.com](mailto:ventasbogota@industriasceno.com)

BARRANQUILLA / COLOMBIA: Carrera 58 # 75-158 Int.  
406 Edificio Bansuperior  
PBX: 575 360 97 77 Fax: 575 369-4653  
E-mail: [ventasnorte@industriasceno.com](mailto:ventasnorte@industriasceno.com)

[www.industriasceno.com](http://www.industriasceno.com)