



# INEEL

INSTITUTO NACIONAL  
DE ELECTRICIDAD Y  
ENERGÍAS LIMPIAS



Innovation for  
energy sustainability  
in México



ineel.mx

ESTADOS UNIDOS MEXICANOS  
  
**SENER**  
SECRETARÍA DE ENERGÍA



# Presentation

Through the experience  
and knowledge of its **team**,  
**INEEL** carries out **innovation**,  
**research** and **technological**  
**developments** to provide  
integrated solutions to the needs  
of the energy sector in **Mexico**

More than  
**45**  
years  
promoting  
modernization,  
energy efficiency  
and productivity in  
the energy sector



# Core competencies



Clean  
Energies

Electricity

Transversal  
Technologies

We are specialists in developing solutions for the entire chain-value of the **energy sector**, focusing on **clean and renewable energies**, **electricity** and **transversal technologies** which allows us to provide reliability, sustainability, efficiency and security to the **National Electric System** in order to support a sovereign energy transition

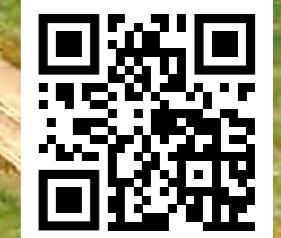
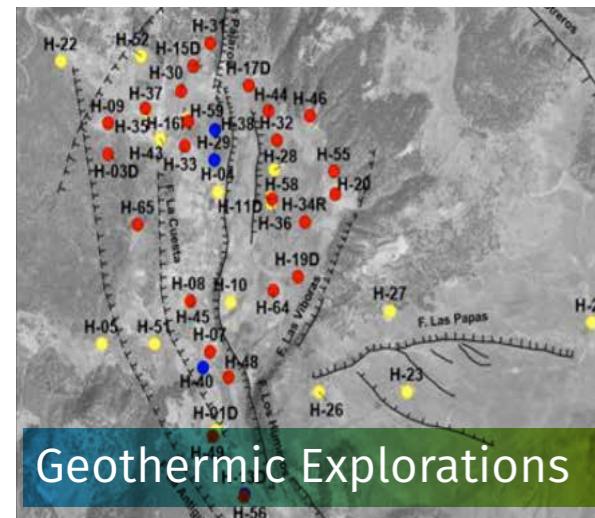


# Technology management



A photograph of a man in a laboratory setting, working on a complex electronic project. He is seated at a desk, looking down at a laptop screen which displays a video feed of a robotic arm. The desk is cluttered with various electronic components, including a large oscilloscope, a control panel with many buttons and knobs, and several clear cylindrical lenses or mirrors. In the background, there are more pieces of electronic equipment, including a computer monitor showing a blue waveform and a white shelving unit. The overall environment suggests a technical or scientific workspace.

# Important Projects



Substation Supervision



# Electricity



Smartgrids



Monitor of Electric Equipment



Distribution Management



Failure prevention



Generators Diagnosis





# Transversal Technologies



Supervisory Control



HP-HT Probe



Measurement and Control



Virtual and Augmented Reality



Business Process Management



More than  
**400**  
specialist  
with full  
experience

Human capital

# Intellectual Workforce

Human Talent Management allows us to have highly qualified personnel facing the technological challenges of the energy sector, thereby obtaining recognition in their field of specialty.

159 

Electrical, Mechanical and Electromechanical Engineering

140 

Computer Science and Optimization

46 

Chemistry and Materials

20 

Administration and Social Science

23 

Civil Engineering and Earth Science

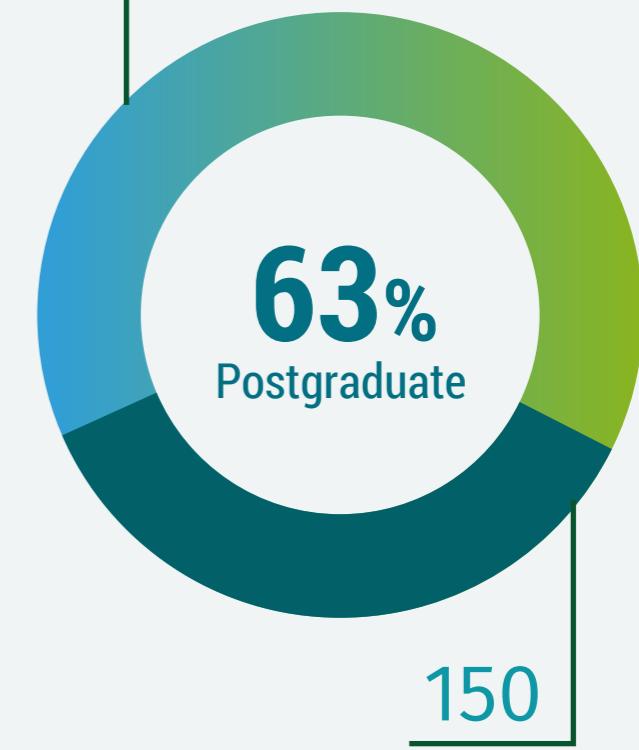
16 

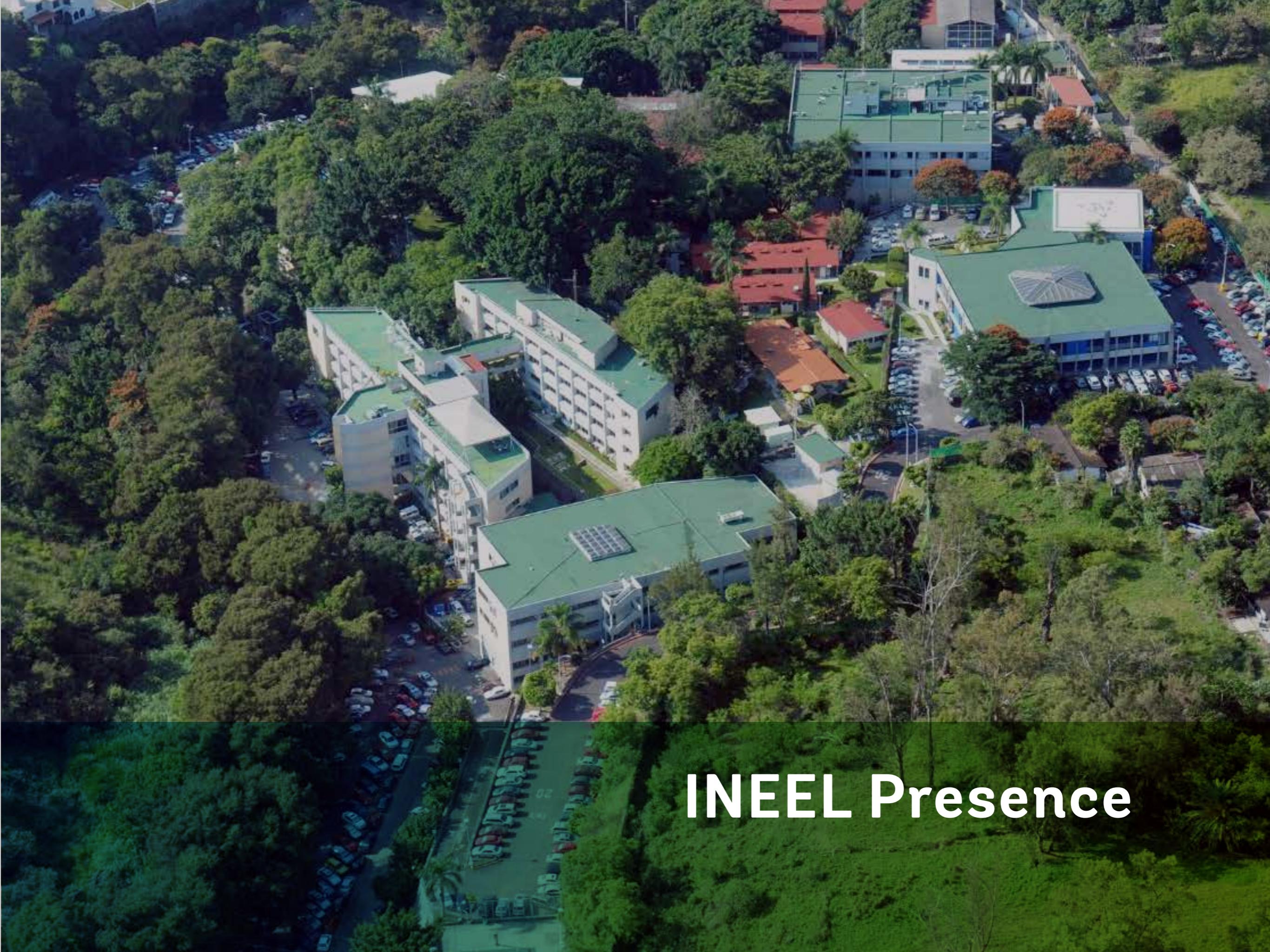
Energy Resources and Basic Science

1 

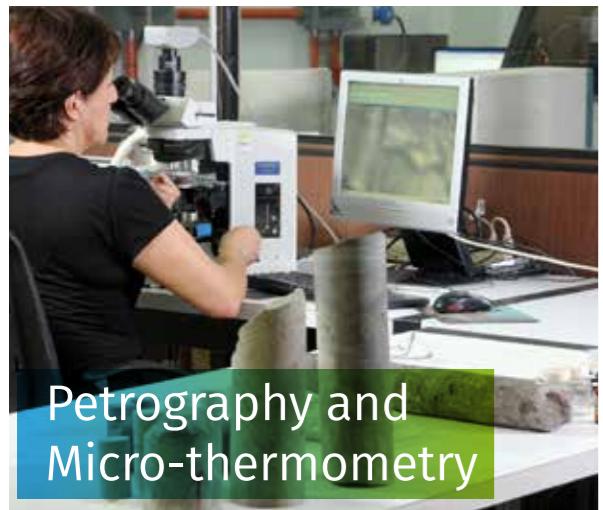
Medical and Biological Science

255  
postgraduate

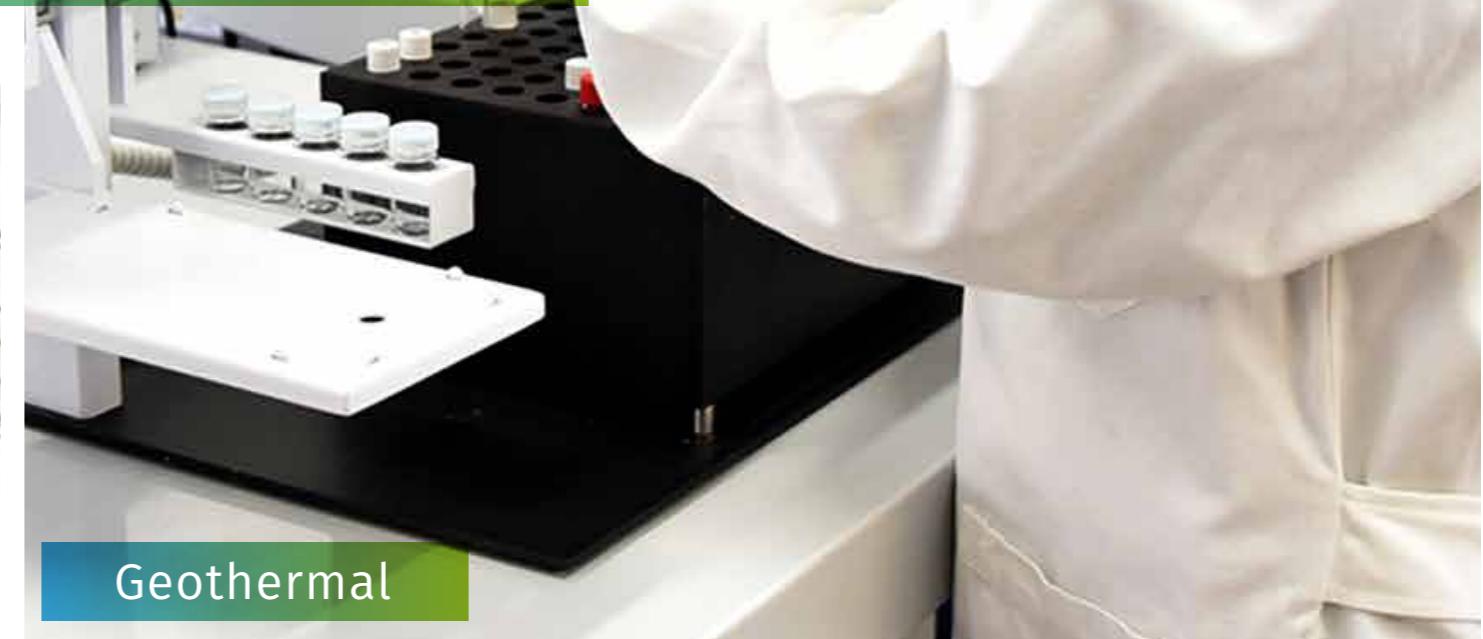




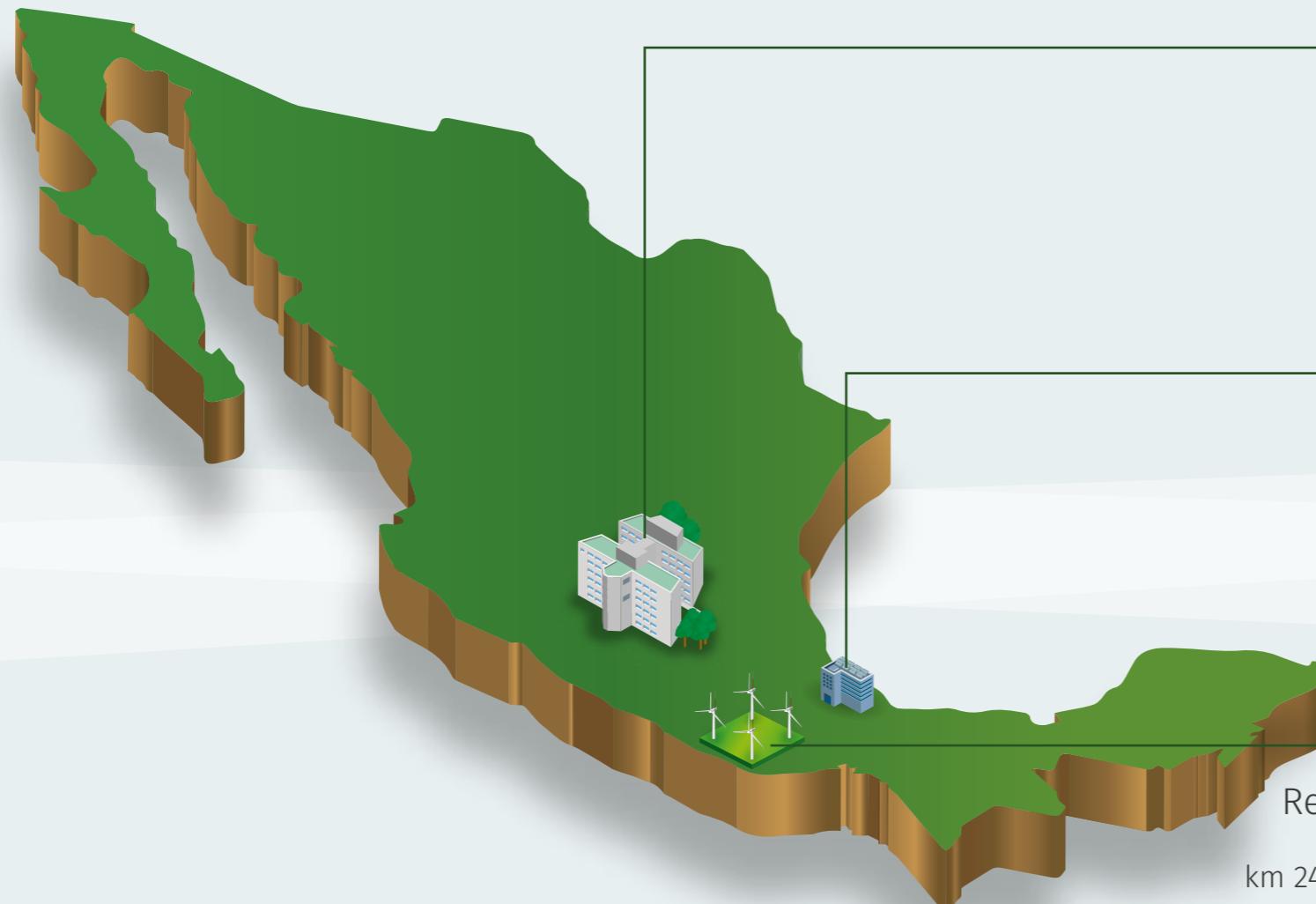
**INEEL Presence**



# Laboratories



# Headquarters and Facilities



## • Cuernavaca

Central Offices  
Reforma 113, colonia Palmira, 62490,  
Cuernavaca, Morelos, Mexico

## • Veracruz

Liaison offices  
Av. Ruiz Cortines 1513, edificio Cañedo,  
Fraccionamiento Costa de Oro, 94299,  
Boca del Rio, Veracruz, Mexico

## • Oaxaca

Regional Center for Wind Technology  
Carretera Panamericana Federal 185  
km 243+300, tramo Juchitan – La Ventosa, C.P. 70102  
Juchitan de Zaragoza, Oaxaca, Mexico

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