

# GGGI Mexico: Fact Sheet

## Innovation for Climate Technologies

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### Challenges

Mexico, an upper middle income country, is the second largest economy in Latin America. However, Mexico's already strained natural resources face increased climate change related pressure as its economy continues to grow. Mexico is the 13th largest Greenhouse Gas (GHG) emitter in the world and the costs of its environmental degradation were estimated at approximately 5.7% of GDP in 2013. Maintaining Mexico's economic growth and strengthening balanced, inclusive development will have to address the following challenges:

- Air pollution
- Greenhouse Gas emissions
- Energy sector reliance on fossil fuels
- Lack of domestic technological development capacity

### Activities

The Government of Mexico (GoM) to achieve environmentally sustainable economic growth, it is critical that Mexico strengthen national its capacity for the development, manufacturing and deployment of clean energy and other green technologies, and reduce its reliance on the import of technology and know-how. GGGI is partnering with Mexico's National Institute of Ecology and Climate Change (INECC) to help achieve these goals through the Innovation for Climate Technologies project, which is:

- Evaluating the climate risks of key sectors of the economy at the municipal level and identifying the most vulnerable municipalities
- Mapping Mexico's innovation ecosystem in climate technologies

- Identifying technologies with the highest potential to mitigate GHG emissions and deliver economic growth opportunities
- Developing a strategic framework for the appraisal of technologies and the design of inclusive policies at the national and regional level to strengthen innovation in climate technologies

### Overall Goal

- Identify the climate technologies that could help Mexico achieve its GHG mitigations objectives and the subcomponents where innovation can play a catalytic role for their development and deployment
- Establish a strategic framework to develop policy and investment recommendations on innovations in climate technologies to catalyze green growth

### Implementing Partners

- Secretariat of Environment and Natural Resources (SEMARNAT)
- National Institute of Ecology and Climate Change (INECC)

### Contributing Partners

- UK Embassy

### Results to Date

- Supported INECC to develop climate adaption inputs for Mexico's National Strategy on Climate Change, which aims to reduce GHG emissions