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# Energy *for* Development

Improving the human condition through modern,  
resilient, and equitable energy services

# BROAD EXPERTISE WITH LOCAL KNOWLEDGE

RTI International is a global research institute and a leading international development organization. For more than 60 years, we have combined

the research expertise of a university



the innovation and implementation capabilities of a private enterprise



the mission focus of a nonprofit



6,000+ global staff spanning over 100 nationalities and languages



250+ disciplines dedicated to improving the human condition

# TRANSFORMING LIVES AND LIVELIHOODS



Addressing climate change through renewable energy and energy-efficient solutions



Fostering enabling policy and regulatory environments



Catalyzing public and private investment in energy



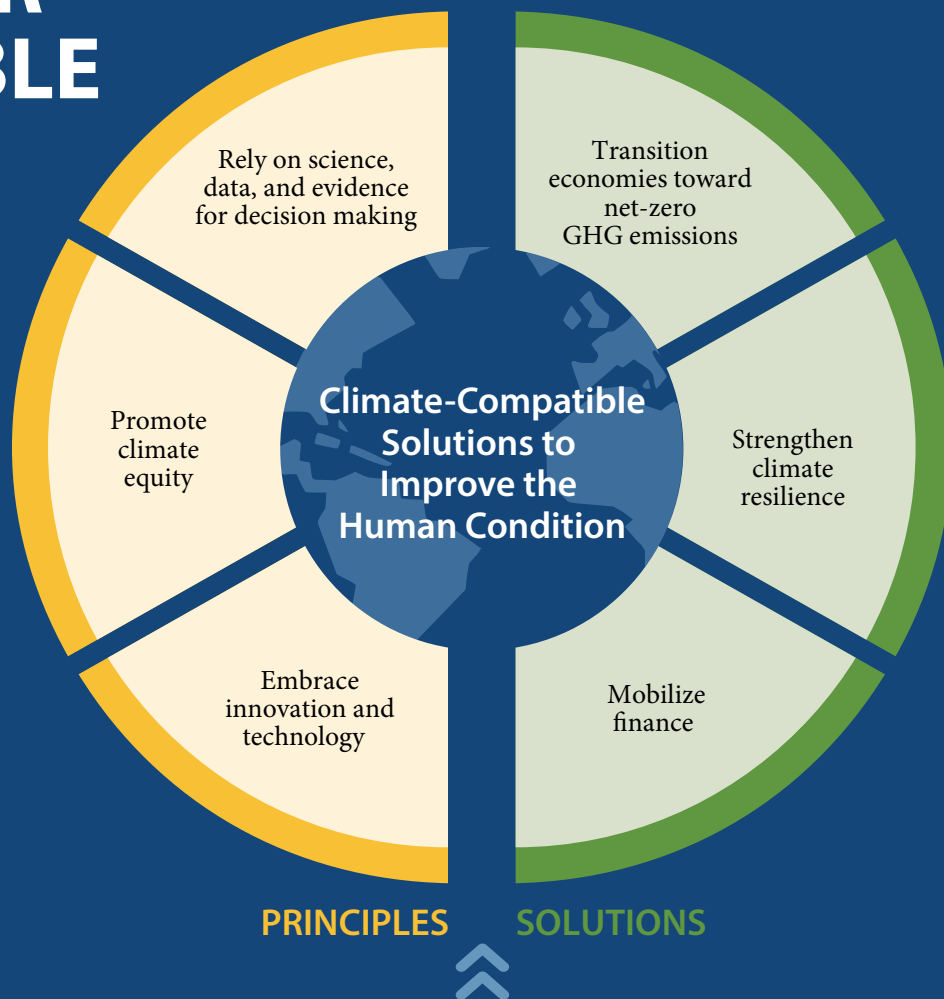
Strengthening local capacity and championing locally led solutions to grow, innovate, and deliver quality energy services



# CLIMATE ACTION FOR SUSTAINABLE ENERGY

Engaging the energy sector as a driver of human development and economic growth is foundational to addressing climate change. Across more than 60 countries, RTI is leading change, moving the world toward net-zero emissions by promoting climate-resilient solutions that help low-resource communities realize their economic potential.

## ENERGY AND CLIMATE CHANGE FRAMEWORK



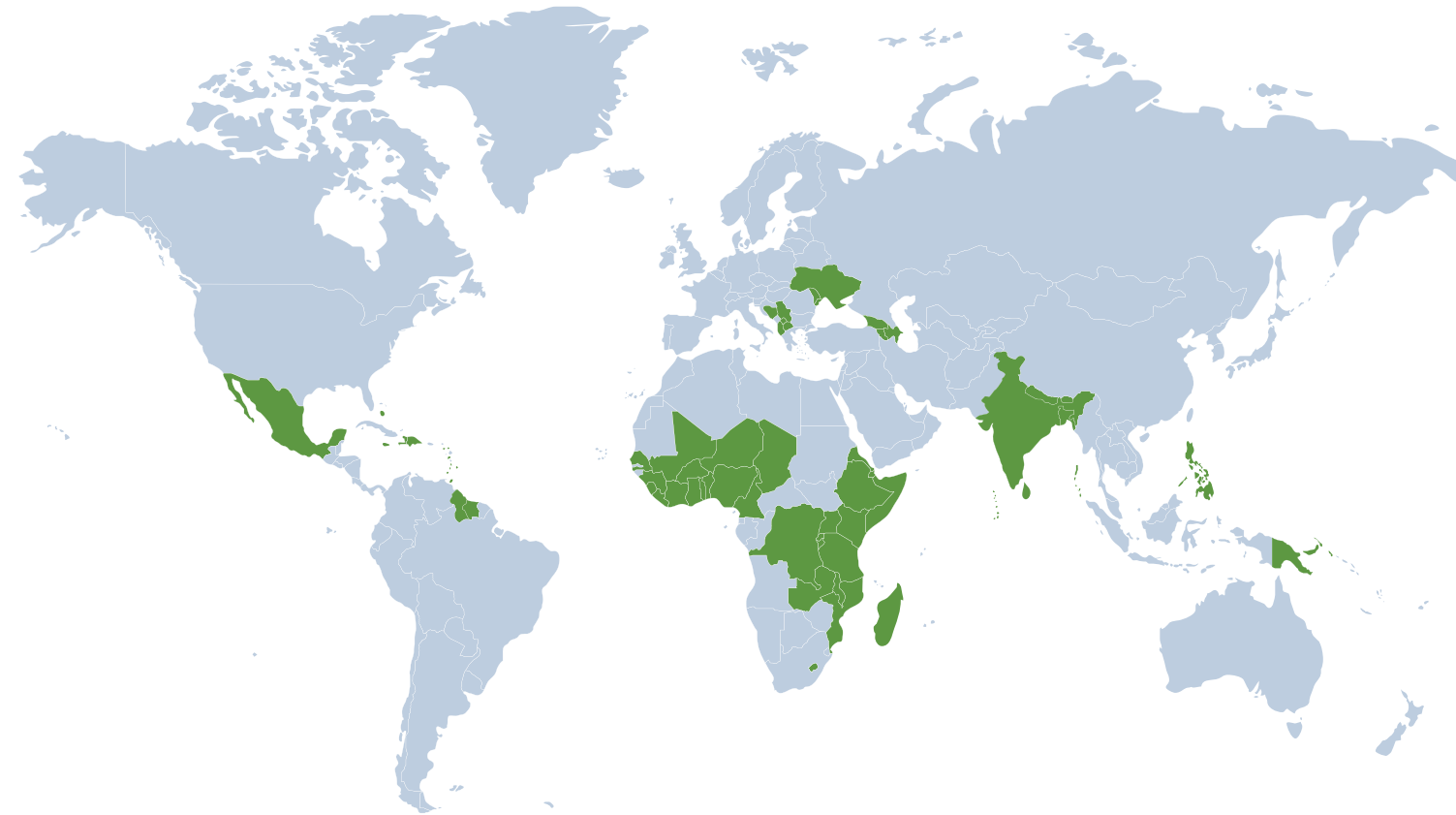
### Underlying Beliefs

Development must be climate compatible to be sustainable

Integrating climate considerations early is good development practice

We have a responsibility to increase awareness about our changing climate and take action

# GLOBAL IMPACT



Energy for development projects in  
**60+ COUNTRIES**

Each year, RTI implements over 2,000 projects in more than 80 countries. Our current USAID-funded energy projects include:

## **Power Africa Off-Grid Project (PAOP), 2018–2023**

- Increases energy access for over 4.5 million households in 26 African countries
- Facilitates the sale of over 69,000 productive use of energy systems and electrification of 230 health facilities
- Works with over 600 off-grid energy companies to improve operations through market-based strategies

## **East Africa Energy Program (EAEP), 2018–2023**

- Connects over 4 million new customers to the electric grid in 10 East African countries
- Supports the commissioning of 500 megawatts (MW) of added power capacity
- Mobilizes over \$875 million in investments in the East African power sector

## **South Asia Regional Energy Partnership (SAREP), 2021–2026**

- Leverages \$7 billion worth of investment in six South Asian countries
- Helps utilities and stakeholders deploy 5,000 MW of clean energy
- Facilitates 4 terawatt-hours' worth of cross-border trade

## **Energy Secure Philippines (ESP), 2020–2025**

- Leverages over \$2 billion in investment in the Philippine power sector
- Supports over 1,800 MW of generation capacity through green energy auctions
- Helps 50,000 people adapt to climate change

## **Papua New Guinea Electrification Program (PNG-PEP), 2020–2025**

- Supports 350,000 new on-grid and off-grid connections
- Leverages over \$200 million through innovative partnerships
- Improves access to electricity for 10,000 women through mini-grids

## **Connect for Growth (C4G), 2021-2026**

- Advances competitive market development and regional market integration in the Western Balkans, Moldova, and South Caucasus
- Supports diversification and a clean and sustainable energy transition
- Strengthens energy sector resilience

## **Caribbean Energy Sector Reform (ESR), 2022-2026**

- Accelerates private sector investment to modernize energy systems in 13 Caribbean countries
- Improves utility performance and customer reach
- Enhances regional energy resilience

## **Mexico Partnership for Net Zero Cities, 2022-2027**

- Supports equitable, zero-emission urban transportation systems and energy-efficient, net-zero buildings
- Reduces short-lived climate pollutants in the industry and waste sectors

# IMPLEMENTATION ACHIEVEMENTS

In recent years, in partnership with USAID, RTI-led energy projects have supported

**\$4.4  
Billion**

in energy  
investments

**8.5  
Million**

new connections

**427**

policies and  
regulations

**\$247  
Million**

in gender lens  
investments

**1.7  
Million**

metric tons of  
greenhouse gas  
emissions mitigated

**3.1  
Gigawatts**

of new capacity

For more information, visit [www.rti.org/energy4dev](http://www.rti.org/energy4dev)



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