## Our Challenge

More than 21 million people in Kenya and Nepal do not have access to energy. 12 million are multi-dimensionally poor. This can mean no access to clean water, quality healthcare, or the ability to earn a secure living. Many depend on natural resources which severely impacts local conservation efforts. And as habitats degrade and climate shocks increase, they are increasingly vulnerable.

## The Solution: **Clean Energy**

The starting point of any Renewable World project is always clean energy.

Clean energy is the only solution to stopping climate change and avoiding ever worsening impacts. But we do more than power communities. We work alongside them to create solutions specific to their needs. By building skills, providing tools and working closely with local partners and governments, we ensure communities have ownership of these solutions long after we are involved.

What starts with a solar microgrid ends with an empowered community living in balance with their natural surroundings. By strengthening livelihoods, building climate resilience and restoring biodiversity, we enable people and their environment to thrive together. A win for people and planet.

**Women and girls are worst affected by poor access to water. Many spend several hours every day walking long distances, carrying heavy buckets over difficult terrain (pictured top right), to collect water from their nearest tap. After our E4WASH projects, each home now has a tap just outside - transforming daily life for women and girls.**

## We are Renewable World

People and planet are under threat. **1.2 billion people** are still living in poverty, inequality is rising, and the world is failing to decarbonise quickly enough to avoid climate disaster. The world's poorest people contributed least to climate change, yet they are most impacted, and least able to adapt. **This is not fair. And it is not sustainable.**

At Renewable World, we empower people living in poverty to develop sustainable and resilient livelihoods and mitigate the impact of climate change through improved access to clean energy. Since we were founded in 2007, we have helped **over 220,000 people** to access and utilise clean energy.





PROJECT CASE STUDY

# Renewable Energy Access for Livelihoods in Fragile Buffer Zones (REALIZE)

Nepal's National Parks are home to some of the country's most important ecosystems and endangered species including Bengal tigers and one-horned rhinos. However, many people in the buffer zones of national parks struggle with poverty. In areas where fertile soil should be ideal for growing high value crops, limited irrigation, poor storage and weak links to market have restricted farmers' ability to earn reliable incomes. They instead rely on harvesting timber products which damages the fragile ecosystems, increases human-wildlife conflict and drives deforestation.

Our REALIZE project has transformed life in national park buffer zones beyond recognition. With solar-powered water systems providing reliable irrigation (pictured, top right) and solar dryers and mills, farmers can now grow and preserve full harvests of ginger (pictured, bottom right), turmeric, wheat, maize and rice. This has not only boosted sustainable incomes but have reduced reliance on timber, helping to protect forests, ease human-wildlife conflict and preserve biodiversity.

**8,378** community members reached

**39** fold — the increase in food production achieved by farmers

**100%** households have significantly improved their income

**40%** reduction in human-wildlife conflict





## Our Ask: **Partner With Us**

By partnering with us, you can help scale projects that protect the planet and have a tangible, life-changing impact for the world's most marginalised communities. Your support can help fund transformative clean energy solutions - from e-tuktuks connecting farmers to market to solar-powered health facilities that save lives.

**Let's work together to change the world**

To find out more, please reach out to Andrea Esposito Diaz on:
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Renewable World

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