



# Reaching the BoP

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## Gender-segregated impacts for GIZ Kenya

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## Energising Development (EnDev)

EnDev is a partnership programme between: Netherlands, Germany, Norway, Great Britain, Australia, Switzerland, Sweden

Co-financed by EU and Irish Aid

Objective : provide at least 19 million people with access to energy in a sustainable manner by 2019 (Phase 1: 2005-2009, Phase 2: 2009-2019)

Current Budget: 290 million EUR

Implementing organisation: GIZ in cooperation with Dutch RVO and other internationally operating organisations

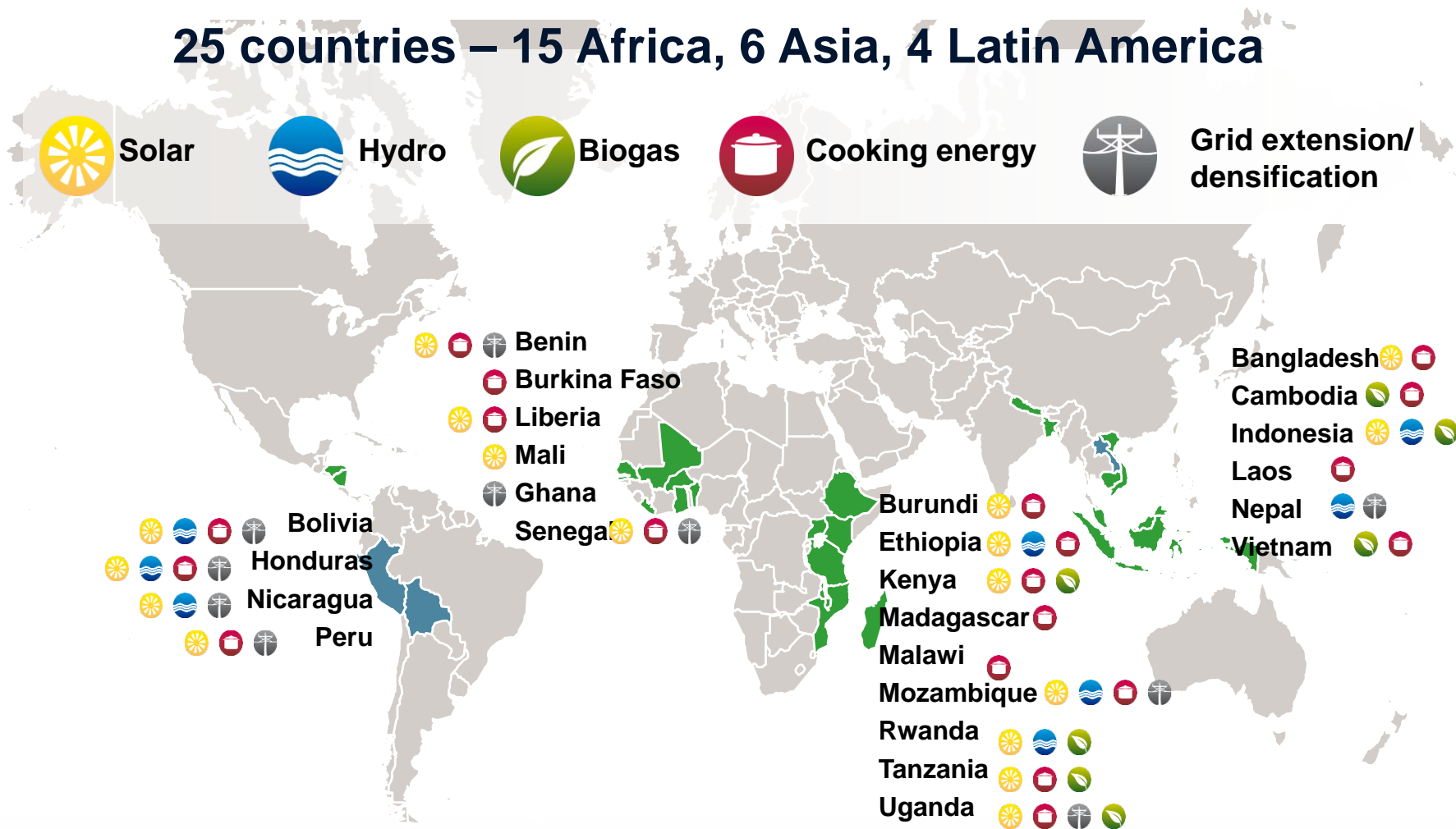
Market-based Approach: Establishing economically sustainable energy solutions and distribution schemes





# Regional Distribution of EnDev Projects

25 countries – 15 Africa, 6 Asia, 4 Latin America





## EnDev Impacts within 10 years



15,5 million people with access to modern energy



1,7 million tonnes CO<sub>2</sub>e saved per year



34.000 SMEs were supplied with energy



17.800 soziale institutions were supplied with energy



37.000 producers, retailers and technicians for cookstoves trained



## Impact Study on EnDev intervention in Kenya

**Study:** Employment and Income Effects of Improved Cook Stove and Pico-PV Interventions, By *RWI*

**Research question:** What are the effects of EnDev energy access interventions on **employment** and **income** in the value chain of improved cook stoves and solar Pico-PV?

### Methodology:

- Quantitative Survey
- Qualitative Interviews
- Control/comparison Group (trained vs untrained entrepreneurs)
- Sample Size: Data collection among 898 active and prospective entrepreneurs





## EnDev Approach Kenya

**Goal:** Establishing a self-sustaining markets for the production and sale of improved (more efficient) cookstoves

**Start:** in 2006

**Stoves Supported:** 'Jiko Kisasa stoves' & 'Rocket stoves'

**People reached:** 1.9 million improved cook stoves are in use (2015), reaching over 4.5 million people

### Approach:

1. Supply Side: selection, training, mentoring and support for small-scale cookstove entrepreneurs (production and sale of stoves) - number of active entrepreneurs: 2500
2. Demand Side: awareness creation, promotional activities, and consumer education





## Impacts



income &  
employment

1. Increase of income: 6,200 KSh (€ 56) per months – Increase of 80% in relation to control group
2. one income source more than new training participants and around one hour more work-time per working day.
3. entrepreneurs remain dependent on the overall agriculture-based rural economy



gender

1. Share of women among active entrepreneurs is slightly above **50%**
2. the positive impact on perceived employment quality is much stronger among female entrepreneurs
3. Increase of income larger amongst male entrepreneurs (absolute and relative)
4. women have less income sources, lower sales, work fewer hours on income generation and eventually earn **25** and **40** percent less than male entrepreneurs
5. males are **70%** more likely to have customers beyond their county borders



# Thank you

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