**HIFADHI**

**IMPROVED STOVES IN KENYA**

**KEY MESSAGES**

**Description:** Distribution of improved stoves at the feet of Mount Kenya, enabling to reduce wood consumption per household by more than 50% and to reduce the time spent collecting it. Stoves are produced on site from materials available locally.

**Specificity:** Tree plantation with the objective of being neutral in terms of carbon footprint.

**Impact:** Plantation of 2.4 million trees.

**SCOPE**

- +60,000 families

**FUNCTIONING**

**PROJECT RELYING ON THREE ACTION AXES**

**IMPROVED STOVES**
- Decrease of wood consumption by 60%
- Better combustion and heat storage
- Composed of local metals and ceramics

**CARBON COMPENSATION**
- Re-plantation of the trees used in the stoves
- Distribution of fruit tree seeds
- Fruits to be consumed or sold on the local market

**SOCIAL IMPACT ON WOMEN’S STANDARDS OF LIVING**
- Release of the time spent collecting heating wood
- Decrease of the emissions of toxic fumes equivalent to smoking two packs of cigarettes per day

**IMPACTS**

**Agricultural productivity**
- Distribution of 60,000 stoves
- 13,000 t of wood preserved

**Climate change**
- Plantation of 2.4 million trees
- Capture of 1.5 Mt of CO2 over 10 years

**Sustainable dev. goals**
- Less toxic fumes released
- Creation of a local economic activity to manufacture the stoves

**BUDGET**

- €4 M over 10 years

**PLAYERS**

- Donors
- Schneider Electric
- Climate pal

**NEXT STEPS**

- Impact 300,000 people by distributing further 40,000 improved stoves

**IMPACTS**

- 60,000 families

- Agricultural productivity:
  - Distribution of 60,000 stoves
  - 13,000 t of wood preserved

- Climate change:
  - Plantation of 2.4 million trees
  - Capture of 1.5 Mt of CO2 over 10 years

- Sustainable dev. goals:
  - Less toxic fumes released
  - Creation of a local economic activity to manufacture the stoves

**LEVERS**

- SOILS
- AGRICULTURAL WATER
- RISK MANAGEMENT
- FINANCING

**Illustration:** Women receiving improved stoves

**Illustration:** Project launched