



RÉPUBLIQUE  
FRANÇAISE

*Liberté  
Égalité  
Fraternité*



AFD and

# clean cooking



© Didier Gentilhomme / AFD

**1.3 billion**

tons of CO<sub>2</sub> are emitted each year from cooking with non-renewable biomass. This accounts for 2.5% of global greenhouse gas emissions – as much as from aviation.

**3 million +**

people die each year due to domestic air pollution, 60% of whom are women and children.

**1.5 million**

formal jobs could be created in sub-Saharan Africa by 2030 via the transition to clean and efficient cooking.

Every day, 2.3 billion people still cook using traditional methods, with biomass fuel such as wood or charcoal. These practices have major impacts: they contribute to climate change, accelerate forest degradation, and aggravate gender inequality through exposure – especially among women and children – to harmful fumes.

France is seeking to invest €100 million to promote a just and inclusive transition towards universal access to clean and efficient cooking solutions by 2030, and AFD is putting this objective into action.

#WorldInCommon

# 1

## A sustainable and inclusive strategy for clean and efficient cooking

AFD has adopted a systemic approach to support a sustainable transition to clean and efficient cooking based on four pillars:

- to **create conditions conducive to clean and efficient cooking**,
- to **support the supply of cookers and fuels**,
- to **develop consumer demand**,
- to **promote the sustainable management of natural resources**.

Our strategy relies on a **variety of solutions** focused on users and adapted to local contexts and areas. In this way, we enhance the contributions of clean and efficient cooking towards the Sustainable Development Goals, especially in the sectors of **health, climate, and gender equality**, while ensuring a **just transition** for affected jobs.

AFD makes **innovation** a core aspect of its programs, promotes **knowledge sharing**, and supports widespread dissemination of solutions using a **technology-neutral** approach.

# 2

## Accelerate the financing of the transition to clean and efficient cooking

AFD makes use of five levers to enhance its clean-cooking initiatives:

- **Integrating clean and efficient cooking more systematically into AFD Group operations**, by making use of the full range of tools available (technical assistance, grants, loans, guarantees).
- **Adopting a Group approach**. While AFD proposes its services to the public sector, Proparco works to finance and support the private sector, and Expertise France provides its technical expertise.
- **Improving the reliability of carbon accounting**, in particular through digital techniques of CO<sub>2</sub> measurement, thereby facilitating access to cleaner cooking.
- **Fostering technical and financial partnerships** to boost sustainability and maximize the impact of AFD's actions in the countries where it operates.
- **Creating a dedicated internal facility** to boost financing, mobilize partnerships, and implement actions.

# 3

## Examples of our projects

### Tanzania, Uganda, Kenya



#### *The BEA Project: supporting access to clean cooking*

**AFD Group financing: €3 million**

As part of the Biomass Energy for Africa (BEA) Project in East Africa, we provide technical and strategic support to businesses in the clean and efficient cooking sector, to help them improve the quality of their products, strengthen the viability of their business models, and facilitate their access to financing for their needs. This project will help identify and promote the adjustments that need to be made to local public policies. It will also support AFD Group's broader investment projects, with a view to meeting France's commitments to this issue.

### Democratic Republic of the Congo



#### *Electric cooking to fight deforestation in Goma*

**€130,000 in financing for the Fund for Innovation in Development (FID)**

Much of the charcoal used in the city of Goma comes from the Virunga National Park, thereby exacerbating deforestation and threatening biodiversity. In response, 1,000 households were equipped with electric pressure cookers as part of an FID evaluation. This experiment made it possible to reduce household charcoal consumption by 35%. Other advantages include annual savings of \$76 per household, an extra \$35 for an electricity distributor, and the preservation of 1 hectare of forest per year for every 75 cookers.

### Burkina Faso



#### *REDGAS: reducing pollution from cooking smoke*

**AFD Group financing: €570,000**

In Burkina Faso, 83% of households use wood as their main fuel. Air pollution from cooking fumes is a threat to the environment and to health. To promote cleaner cooking practices, the REDGAS project tested two solutions: a credit for the purchase of LPG kits and a subsidy to reduce their cost. For households that buy their wood, the initiative helped improve the adoption of gas for cooking, reduced wood consumption by 670 grams per day, and reduced the amount of fine particles inhaled during meal preparation by 17%.