

I06.CLEAN ENERGY FOR FOOD SYSTEMS' RESILIENCE

ACTION AREA	CLIMATE RESILIENT DEVELOPMENT PATHWAYS
SOLUTION CLUSTER	INTEGRATED NATIONAL AND INTERNATIONAL POLICIES AND PLANS
THEMATIC AREA	INVESTING IN CLEAN ENERGY AND GREEN AND INCLUSIVE RECOVERY
SUBMITTED BY	WFP, FAO, IFAD

THE MAIN ACTION TO BE PROPOSED: WHAT IS IT?

Link modern cooking to the goal of achieving Food Security. When food is provided there always need to be considerations about how that food will be cooked. Traditional cooking fuel and technologies have negative impacts over health, nutrition, the environment, livelihoods, peace and gender balance.

WHO WOULD IMPLEMENT IT?

A consortium of organizations led by Rome based agencies, WFP, FAO and IFAD, and including financing institutions, governments and private sector actors

WHO WOULD FUND IT?

A mix of traditional grant-based donor funding that would serve to leverage private sector investment through (concessional) loans and equity

HOW WOULD IT BE DONE?

We will adopt a market based approaches that make solutions available to all, combined with smart subsidies to ensure inclusion of the most vulnerable. Tested and certified modern energy cooking solutions will be made available to end-users, by making markets work for the poor. Supply, demand and enabling environment will be supported through awareness raising, technical advice, policy guidance and appropriate financing. Innovative subsidies (incl. energy vouchers and results-based financing) will be made available where needed.

WHO WILL BE THE BENEFICIARIES?

The three billion in the world who do not have access to modern energy cooking solutions in rural, urban and displacement settings, at the households, institutional and commercial levels.

IN 2 LINES, DEFINING THE TITLE THAT WILL IDENTIFY THE SOLUTION

Associating universal access to modern cooking with the efforts to ensure Food Security

WHICH ORGANIZATIONS/COUNTRIES/REGIONAL INSTITUTIONS/NETWORKS IS PROPOSING THE SOLUTION?

A global partnership between the agencies and donors that have worked on cooking so far (WFP, FAO, IFAD, UNHCR, CCA, GPA, GIZ, MECS, World Bank, ESMAP, NORAD, SIDA, Ci-Dev), with a specific focus on sub-Saharan Africa, Latina America and South Asia where most of the households without access to modern cooking are located.

EXISTING ACTION THAT DESERVES TO BE SCALED UP (MASSIVELY), APPROACH OR NEW INNOVATION

Existing carbon finance for clean cooking programmes need to be massively scaled up, making use of the latest technology to track and monitor stove location and usage. Among clean cooking solutions, electric pressure cooking (EPC) could ensure sizable savings in terms of energy and cost and is of course emissions free if the electricity is produced from renewables. EPC will receive particular attention for applications in HH, schools and for productive uses.

MAIN OUTCOME EXPECTED IF SCALED UP OR IMPLEMENTED AS REQUESTED

The diffusion and adoption of modern cooking solutions which would impact on the 4 M annual premature deaths, the deforestation rate, women's time, and conflicts between communities around scarce biomass resources

HOW THIS SOLUTION IS STRENGTHENING RESILIENCE IN FOOD SYSTEMS?

This solution lowers dependency on biomass and hence reduces deforestation which is a clear cause of mud slides, land degradation, desertification; lowers costs on healthcare associated with respiratory diseases; savings on fuel lead to more cash, better livelihoods, more resilience. Time burden of cooking is reduced, especially for women and girls, leaving more time for meaningful participation in community social life and decision making.