

Cooking & Shelter: how can we do it better? Environment Reference Group May 13, 2011

Research. Rethink. Resolve.

Why does cooking fuel matter?

- Food rations inedible unless cooked
- Cooking fuel typically not addressed during humanitarian response
- Distance, deserts and forests
- Income generation



Cooking & Shelter: the problems

 Crowded camps + open cooking fires = increased fire risk

 Burning solid fuels + poor ventilation = indoor air pollution



Cooking & Shelter: the problems



 Cool climates + no blankets = fires for heating → IAP

Many shelters
 have poor
 ventilation →IAP

Cooking & Shelter: the problems



 Firewood + timber sometimes in competition

Women often responsible for collecting both

 Less wood + farther distance = more risk

Cooking & Shelter: Options

- Outdoor cooking shelters
- Improved ventilation
- Fuel-efficient stoves
- Fuel-saving NFIs
- Alternative (nonwood) construction materials



Global Coordination: the SAFE Research. Rethink. Resolve. Guidance

- Matrix on Agency Roles & Responsibilities for Ensuring a Coordinated, Multi-Sectoral Fuel Strategy in Humanitarian Settings
 - Who (which cluster) is responsible for doing what (fuel-related activities), when (phases of humanitarian response)?
- Decision Tree Diagrams on Factors Affecting Choice of Fuel Strategy in Humanitarian Settings
 - How to choose the most appropriate fuel for a specific response setting?

SAFE implementation so far

 WFP-WRC Assessments/Projects*: Darfur*, Uganda*, Kenya*, Ethiopia, DRC, Chad, Haiti*, Sri Lanka*

 Projects include FES for households + institutions, briquettes, livelihoods diversification, reforestation with coppicing trees, etc.

WFP target: 6 million refugee/IDP households

International Network on Household Energy in Humanitarian Settings

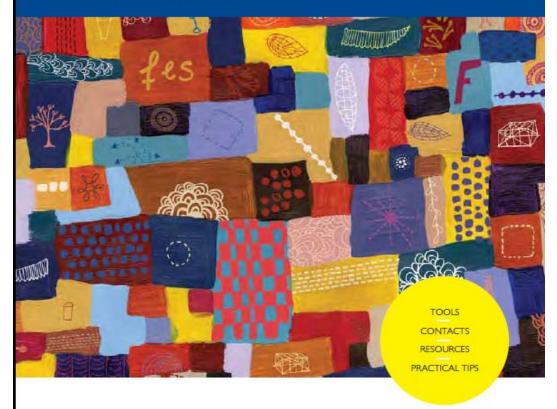
The Fuel Network - www.fuelnetwork.org

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| | | DNAL NETWORK IOLD ENERGY IN RIAN SETTINGS Dds/Food Security Health Food/Nutrition Env | ironment Shelter Camp Management Public | : Awareness (IEC) | <u> </u> |
| | INTERVENTIONS | LATEST NEWS | KEY PUBLICATIONS | IASC TASK FORCE SAFE OUTPUTS | |
| | Physical Protection Direct Provision Improved Technologies Alternative Fuels Livelihoods Support Fuel-efficient Techniques Carbon Credits | Global Alliance Humanitarian Working Group EWB UK Conference Fuel Network Advisory Committee Members | Ethiopia SAFE Appraisal FES Toolkit, USAID Beyond Firewood Reports, Women's Refugee Commission Cooking Options in Refugee Situations, UNHCR | | |
| | REGIONS Asia/Pacífic Latin America & Caribbean Sub-Saharan Africa | Welcome to the Internationa Energy in Humanitarian Setti Purpose and Goal | | ABOUT US Brochure Contact Us Site Map Terms Of Reference | |
| http://www.fuelnetwork.org/Foo | | The purpose of the international network on household energy is to be a key multi-sectoral mechanism for NGOs, researchers, technical experts,international organizations, the private sector, government agencies,donors and others to share, receive and discuss information regarding household energy-related initiatives and technological innovations for use in humanitarian settings worldwide, including both conflicts and natural disasters. As such, it helps to identify and institutionalize solutions to the security, environmental, technological, health and other concerns that arise around firewood collection and household energy use and supply in humanitarian settings worldwide. | Interest of the second se | RESOURCES IASC Task Force SAFE Library Monitoring & Evaluation Toolkit Governments & Communities Legal Instruments/Guidelines Multimedia Resources Ressources en Français Links Discussion Board Membership Profile Search Search MEMBER LOGIN | |



FUEL-EFFICIENT STOVE PROGRAMS IN HUMANITARIAN SETTINGS: An Implementer's Toolkit

OFDA Guidance Fuel-efficient Stoves (FES)



http://www.usaid.gov/our_work/humanitarian_assistance/di

Questions? Need more info?

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