



Evaluating household energy and health interventions

A catalogue of methods



World Health
Organization

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Acronyms

ARACHNE	Ambulatory real-time analyser for climate and health-relevant nasty emissions	GWP	Global warming potential
		HEH	Household energy and health
ARECOP	Asia Regional Cookstove Programme	IAP	Indoor air pollution
ARI	Acute respiratory infections	IRB	Institutional review board
ALRI	Acute lower respiratory infections, e.g. pneumonia	KPT	Kitchen performance test
ARTI	Appropriate Rural Technology Institute, India	LSMS	Living Standards Measurement Study (World Bank)
AURI	Acute upper respiratory infections, e.g. common cold	LPG	Liquefied petroleum gas
		MPA	Methodology for participatory assessment
CCT	Controlled cooking test	NMHC	Non-methane hydrocarbons
CDM	Clean Development Mechanism	PCIA	Partnership for Clean Indoor Air
CEIHD	Center for Entrepreneurship in International Health and Development	PM	Particulate matter
CH ₄	Methane	PM ₁₀	Particulate matter of a diameter of less than 10 micrometres
CO ₂	Carbon dioxide	PM _{2.5}	Particulate matter of a diameter of less than 2.5 micrometres
CO	Carbon monoxide		
COPD	Chronic obstructive pulmonary disease, e.g. chronic bronchitis	RCT	Randomized controlled trial
DALYs	Disability-adjusted life years, a measure of the burden of disease due to death and disability	TERI	The Energy Research Institute India
		TSP	Total suspended particulates
DHS	Demographic and Health Surveys (USAID/ORCMacro)	UCB	University of California at Berkeley
FGD	Focus group discussion	USEPA	United States Environmental Protection Agency
GHG	Greenhouse gas	VITA	Volunteers in Technical Assistance
GTZ	Gesellschaft für Technische Zusammenarbeit (German Technical Cooperation)	WBT	Water boiling test
GTZ/ProBEC	GTZ Programme for Biomass Energy Conservation	WHO	World Health Organization
GTZ/HERA	GTZ Household Energy Programme	WHS	World Health Survey (WHO)