## **GRASSROOTS**

ergy substitutes in developing countries essential

quality substitutes access to safe and reliable energy Illions of households in the developing world still lack and pay high prices for poor

and for all participants in the financiers, regulators, NGOs ments of developing countries a major challenge for the governand donors, and multilateral and energy sector – private firms, donor agencies. Addressing their needs poses

The International Bank for

ment this year published a Reconstruction and Developdeveloping country's governaddress this challenge. resource, "Energy Services for should think about its role in the poverty among its citizens ment concerned with tackling the World's Poor", to help Its main theme is how a

> of alleviating poverty? And energy policy and projects are and sustainable impact in terms development and improving the visers concerned with promoting likely to have the most beneficial where should energy policy ad

lot of the poor focul their efforts?
These critical questions lie at ment policies should place on how much emphasis developimprove the lot of the poorest. on the attempt to directly economic growth and how much he heart of the debate abou

and paraffin - using one fuel for tural or productive activities. heating, another for cooking or wood, dung, thatch, straw, coal rely on diverse sources of energy lighting and another for agricul Poor communities typically

> environmental consequences. can also have serious health and

pollutant-causing energy sources

services for lighting, cooking

It has been found that energy

sources are high in relation to of these alternative energy Often the real (per unit) costs

conveniently, and with the least tronics are provided cheaply and

energy sector. What kinds of

ered through networks sources often have high Moreover, these energy electricity or gas delivnon-monetary costs. to wealthier households.

developing other productive long distances, and they have less suffers from the heavy loads and children spend many time for education and for ample, their health often wood or dung for heathours collecting fire ing and cooking, for ex-When women and

activities. The use of traditional MAHARAJ ZARINA

households. Research shows the

Africa, classified as a middle while 27,9 percent use so-called tional product (GNP). In South to a country's per capita gross naand straw) to cook. basic fuels (wood, dung, thatch 2,8 percent use gas for cooking households use electricity and GNP of \$2,880, 42,5 percent or income country with a per capita cooking fuel correlates choice of household

which has a per capita GNP of country, like the Ivory Coast Compared with a low-income

or gas networks. derived from electricity pollution when they are

can thus dramatically incomes of low-income raise the effective tional to modern fuels Moving from tradi

compared with 40,4 percent of the compared with 54,4 percent of the people use electricity and gas tries virtually none of the poor richest quintile. fuels, while 98,6 percent of the the poorest quintile (20 percent) or capita of \$390, only 0,6 percent of use electricity and gas for cook poorest quintile use basic fuels richest quintile using advanced ing. In Nicaragua, with a GNP per Again, in low-income coun

cent of the richest. And 68,5 per cookir.g, compared with 93,2 per poorest use advanced fuels for fuels compared with 0,4 percent that only 5,2 percent of the ent of the poorest use basic The facts for South Africa are

The World Bank recently

\$700, no households use electrici-68,1 percent use basic fuels. ty, 7,4 percent use gas and

developing nations in terms of surveyed power reform in 115 6 worst to best in terms of this test of power reform - South appropriate legal and regulatory whether steps had been taken to Africa scored 5, tying with tise them through setting up an privatise the existing assets of Africa and with Brazil and Bo Kenya as the highest score in ramework. On a range from 0 to the energy sector and to corporaivia in Latin America:

sector had yet been taken there. scored 2, while Botswana, Namib African countries scored 0, meanand Egypt came in at 1. All other ia, Zambia, Burundi, Tanzania Uganda, Ethiopia and Ghana Senegal and Morocco. Zimbabwe, Coast followed at 4 and at 3 ing no steps to reform the energy Mozambique, Malawi, Gabon In the rest of Africa, the Ivory