

## Renewable Energy Markets in Developing Countries

Application	Indicators of Existing Installations and Markets (as of 2000)
1. Rural residential and community lighting, TV, radio, and telephony	<p>Over 50 million households are served by small-hydro village-scale mini-grids</p> <p>10 million households get lighting from biogas</p> <p>1.1 million households have solar PV home systems or solar lanterns</p> <p>10,000 households are served by solar/wind/diesel hybrid mini-grids</p>
2. Rural small industry, agriculture, and other productive uses	<p>Up to 1 million water pumps are driven by wind turbines and over 20,000 water pumps are powered by solar PV</p> <p>Up to 60,000 small enterprises are powered by small-hydro village-scale mini-grids</p> <p>Thousands of communities receive drinking water from solar PV-powered purifiers/pumps</p>
3. Grid-based bulk power	<p>48,000 MW installed capacity produces 130,000 GWh/year (mostly small hydro and biomass, with some geothermal and wind)</p> <p>More than 25 countries have regulatory frameworks for independent power producers</p>
4. Residential/commercial cooking and hot water	<p>220 million households have more-efficient biomass stoves</p> <p>10 million households have solar hot water systems</p> <p>800,000 households have solar cookers</p>
5. Transport fuels	<p>14 billion liters per year ethanol vehicle fuel produced from biomass</p> <p>180 million people live in countries mandating mixing of ethanol with gasoline</p>

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