



MOBISOL SMART SOLAR HOMES | RWANDA AND TANZANIA

This innovative ICT-enabled solution combines solar energy, mobile technology and microfinance to bring clean power to rural households in Rwanda and Tanzania. [Mobisol Smart Solar Homes](#) is a rent-to-own service that lowers the barrier to buying solar home systems upfront by allowing customers to pay the system off in 36 monthly installments. Each system can be monitored remotely. Generation and consumption of electricity, as well as customer payments, are tracked in real-time. By helping people switch from polluting fuels, such as kerosene, petrol and diesel, to clean energy, Mobisol is helping to tackle climate change and improving lives. More than one-third of Mobisol customers in rural areas have started small businesses selling excess energy produced by their personal solar systems, fuelling the transition to a low-carbon economy and generating incremental income.

Key facts

- Mobisol has electrified more than 30,000 off-grid households in Rwanda and Tanzania, resulting in 3 MW of installed solar capacity and a reduction of 15,000 tonnes of CO₂ per year
- Mobisol's Solar Home Systems are a substitute to the grid and provide all the electricity needs of a typical rural household
- The inclusion of mobile banking technology allows for effective microcredit and radically increases the affordability of a high quality solar home system
- Mobisol's embedded monitoring system remotely tracks usage and payment patterns, as well as battery and panel data. This increases the system's durability
- Mobisol is growing at a yearly rate of over 250% and will expand to other East African countries in 2016
- Mobisol plans to install 10 million Solar Home Systems by 2020

More information

Digital assets are available for download at: <http://bit.ly/1MExrNR>

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