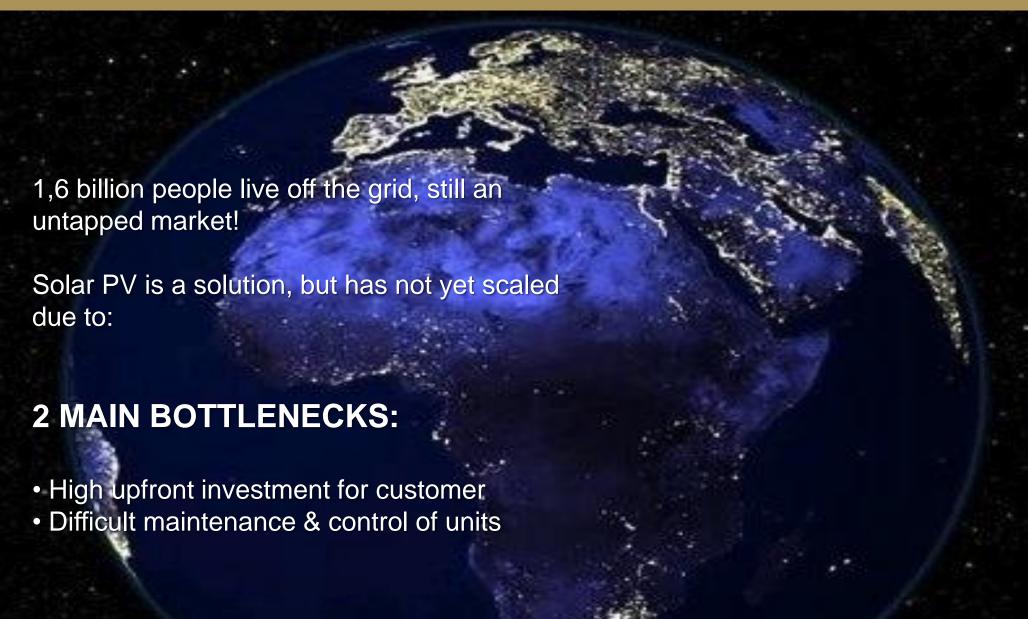
Mobile Enabled Offgrid Electrification





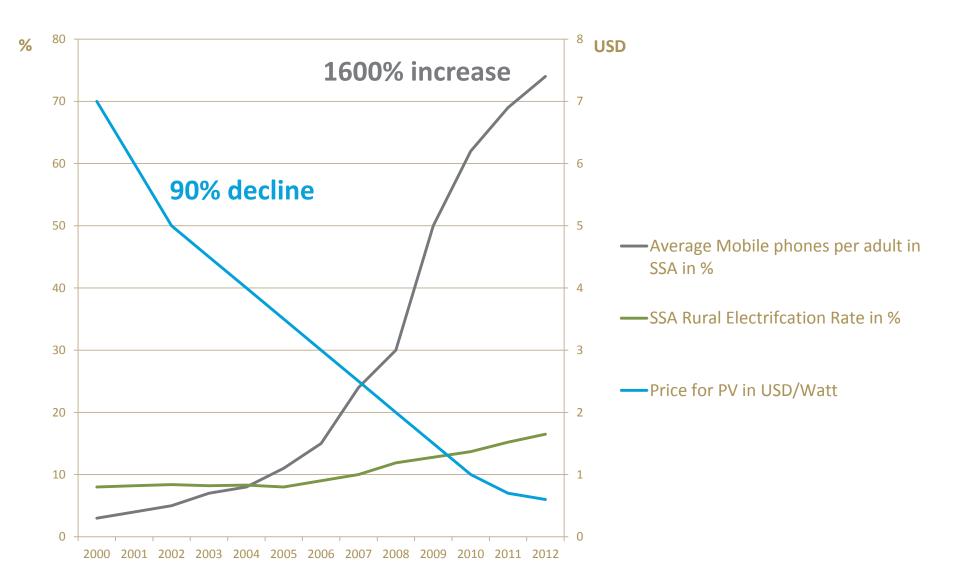
Africa at night – an untapped market





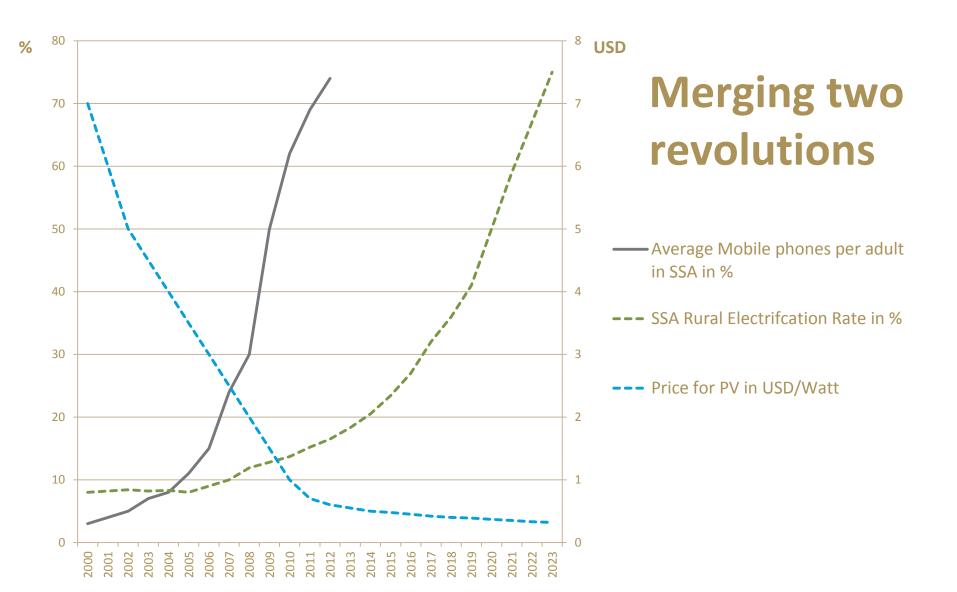
The next African revolutions: peaceful ones that Mobisol will leverage





Mobile + Solar = Off-grid electrification





Taking off-grid solar business to scale



Off-grid Solar and mobile technologies provide powerful solutions that have to date been under-utilized

- 1.6bn people live off grid: this is one of the biggest inhibitors to development & poverty alleviation
- Solar PV prices have dropped 90%, making technology affordable to nearly all
- Mobile penetration very high even in remote areas
- The combination of both technologies can be the breakthrough for off-grid electrification

Mobisol's unique selling points can be a game changer in the industry

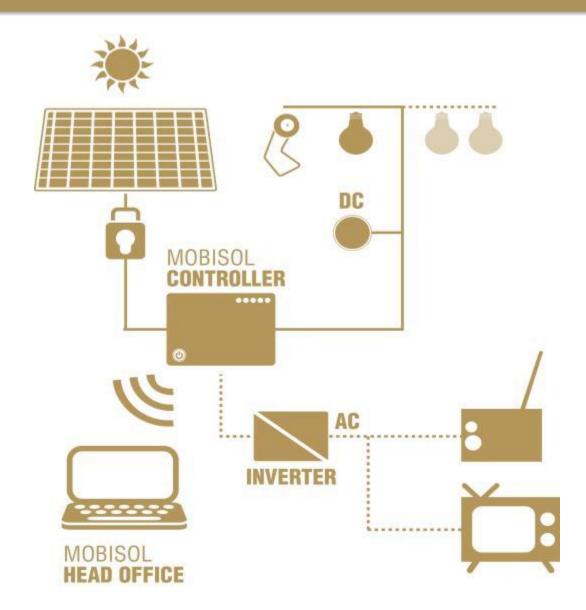
- Mobisol's engineers developed a unique suite of robust and plug&play solar home systems
- Products are affordable (prepaid), powerful (up to 200W) and remotely managed for Bottom of the Pyramid (BoP) clients
- Over the past 2 years, Mobisol has distributed over 2,000 systems to its target market, developing a business model and a blueprint for operations scalable to millions

Mobisol all-in-one service: installation, usage, maintenance & after sales customer service



How it works:

- A Solar Home System is easily installed & trained local technicians are available for help
- Mobisol controller tracks usage remotely
- User pays monthly via phone
- 36 months credit period with 30 days of flexible grace period per year
- System shuts off in case of payment default; impossible to disable without breaking
- Free maintenance for first 3yrs

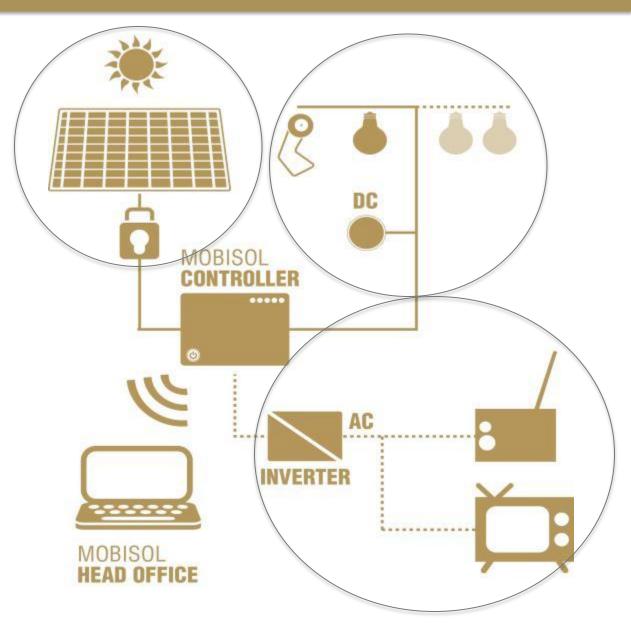


Mobisol all-in-one service: installation, usage, maintenance & after sales customer service



How it works:

- A Solar Home System is easily installed & trained technicians available for help locally
- Mobisol controller tracks usage remotely, security alarm fitted
- User pays monthly via phone
- 36 months credit period with 30 days of flexible grace period per year
- System shuts off in case of payment default; impossible to disable without breaking
- Maintenance for first 3yrs at no additional cost



Robust, innovative and mature products







Products are robust, mature, plug & play, and easy to service



Product design minimizes need for repair

- Manufacturer solar panel warranty is 20 years
- System designed for easy replacement of controllers done by local fundis (technicians)
- 3 year warranty on batteries, Mobisol unit technology prevents rapid decline
- Additional warranty possible after 3 years
- Electronics inside unit are manufactured to Mobisol specifications in Berlin, Germany before shipping to Shenzhen, China for assembly

Components are high quality and robust

- Battery has been used worldwide and throughout Africa
- Unit design enhances battery life time with controlled charge cycles
- PV cell technology in solar panels made by Q-CELLS, a reputable German company

Key components are easily repairable with help from database

- Database automatically informs Mobisol Hub when unit is malfunctioning
- Shows what component of unit is causing disruption
- All components can be fixed or exchanged quickly, with a recyclable screwdriver as only tool

4 Mobisol products cover consumer needs



Customers can upgrade easily over time

Product range	30W	80W	120W	200W
Standard packing list:	 Battery 3 LED lights 1 portable light phone charge pins set Pocket Radio 	 Battery 3 LED lights 1 portable light phone charge pins set Pocket Radio TV and decoder(DC) 	 Battery 5 LED lights 1 portable light phone charge pins set Pocket Radio 	 Battery 6 LED lights 1 portable light phone charge pins set Pocket Radio
Warranty		20 years on panel, 3 ye	ears on battery and ligh	nting

Additional Services

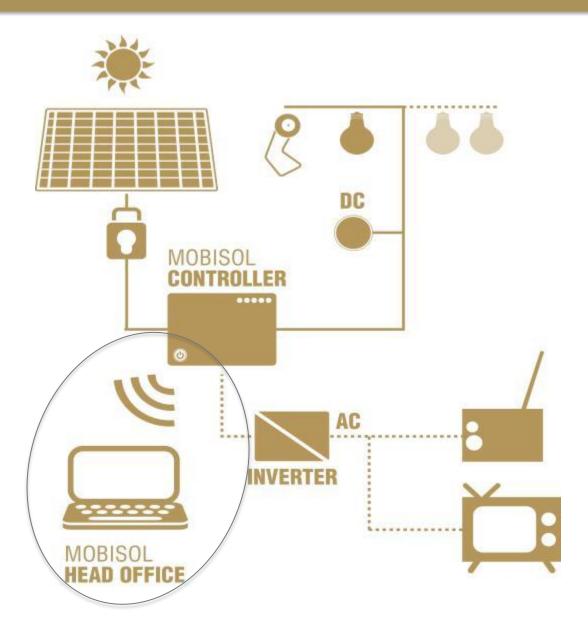
- Real-time performance monitoring
- Maintenance & repair visits when necessary at no additional costs
- Customer Care call center for complaints
- DC to AC inverter available at extra cost
- TV and decoders available at extra cost
- DC refrigerator available at an extra cost

Mobisol all-in-one service: installation, usage, maintenance & after sales customer service



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Major investments in powerful IT monitoring back-end: streamlined customer service

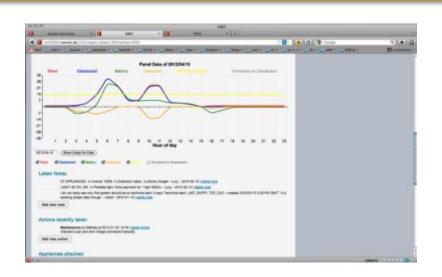


Virtual tracking & credit management

- Proprietary database receives real-time usage data for all systems
- Tracks mobile payments, usage of grace period, prevent fraud, automatic SMS reminders

Data collection

- Database aggregates system statistics, e.g. time of usage, appliances used, payment trends
- Data is unique and powerful for sales and credit processes: better target customers based on known preferences, and maintain longer-term relationship
- Statistics collected enable Mobisol to track and measure economic, social and environmental impact





Mobisol's unique value proposition: prepaid AND powerful AND remotely monitored



Unlike Kerosene or other solar products, Mobisol is:

Affordable (prepaid)

- African households pay ~\$360/year for energy
- Africans spend >\$10
 billion on kerosene
 alone for lighting each
 year
- Mobisol saves ~80% on energy, creating up to 30% more income
- 36 month payment plan makes Mobisol prepaid product highly affordable even for the low-income population

Saving money and creating income

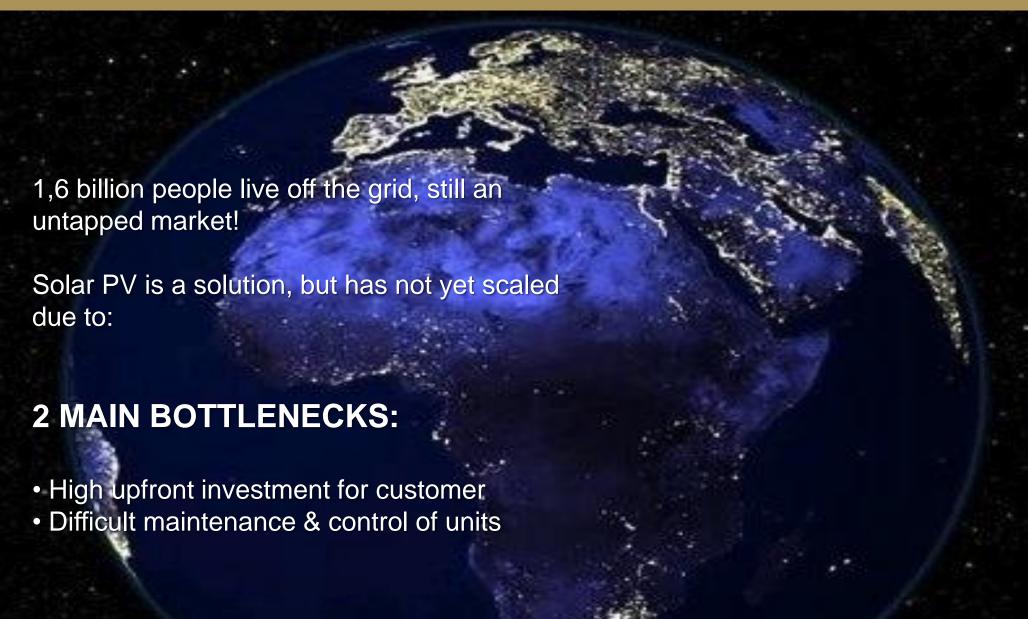
- Mobisol is more than just a substitute for kerosene or a generator
- For less money (incremental savings), Mobisol can power many different appliances: multiple lights, mobile charging, radio, TVs, fridges, etc.
- Customers can generate incremental income (e.g. mobile charging business

Monitored and maintained remotely

- Mobisol products can be monitored and maintained remotely
- System tracks SHS in real time and collects detailed user data
- Mobile payments are also recorded
- In case of default on the loan, the system can be remotely switched off, creating a high incentive to pay

Africa at night – an untapped market





Impact Millions of Low-Income Lives



Units sales create direct impact...

- Expect to sell units to >223,000 lowincome households (~1.34M ppl) by 2019
- Study indicates each household realizes \$126 net benefit per year owning a Mobisol unit
- Mobisol business in a box' generates
 \$311/yr. income per household
- Over next 6 years, Mobisol will reach
 >223,000 households, creating >\$129M
 cumulative income benefit

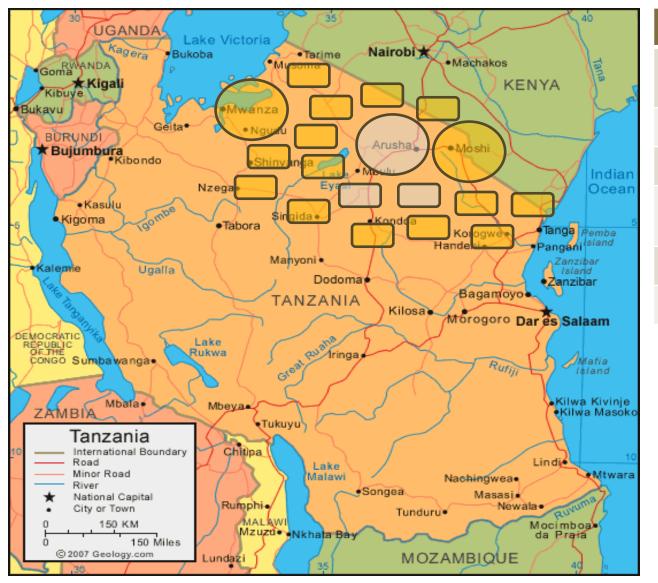
...But many forms of indirect impact

- Over next 6 yrs., Mobisol will install 29
 MW of capacity, saving over 0.22M tons of CO₂ emissions
- Over 223,000 households will lead healthier lives, avoiding kerosene accidents/fumes
- Mobisol will enable thousands of businesses and allow 100,000s of children to study way past light hours



Plan to open 2 more Regional Hubs and 18 more market hubs in Tanzania within the next 18 months





Location	Hub Function	OPS
Arusha	National & Regional	yes
Moshi	Regional	Jan `14
Mwanza	Regional	May `14
Arusha	10 Market hubs	Dec `13
Moshi	5 Market hubs	Mar `14
Mwanza	5 Market hubs	Jul '14



OUR VISION 2015





Mobisol product costs



Customers can upgrade easily over time

	Customers can apgrade easily over time				
Product range	30W	80W	120W	200W	
Appliances	 battery 3 LED lights 1 portable light Phone charging pins set Pocket radio 	 battery 3 LED lights 1 portable light Phone charging pins set Pocket radio 	 battery 5 LED lights 1 portable light Phone charging pins set Pocket radio 	 battery 6 LED lights 1 portable light Phone charging pins set Pocket radio 	
Down-payment	55 US\$	80 US\$	122 US\$	171 US\$	
Monthly cost (over 36 mo.)	9 US\$	24 US\$	32 US\$	44 US\$	
Warranty	20 years on panel, 3 years on battery and lighting				
Included Services	 Real-time performance monitoring Free maintenance & repair visits when necessary Customer Care Department for complaints DC accessories at extra cost available 				