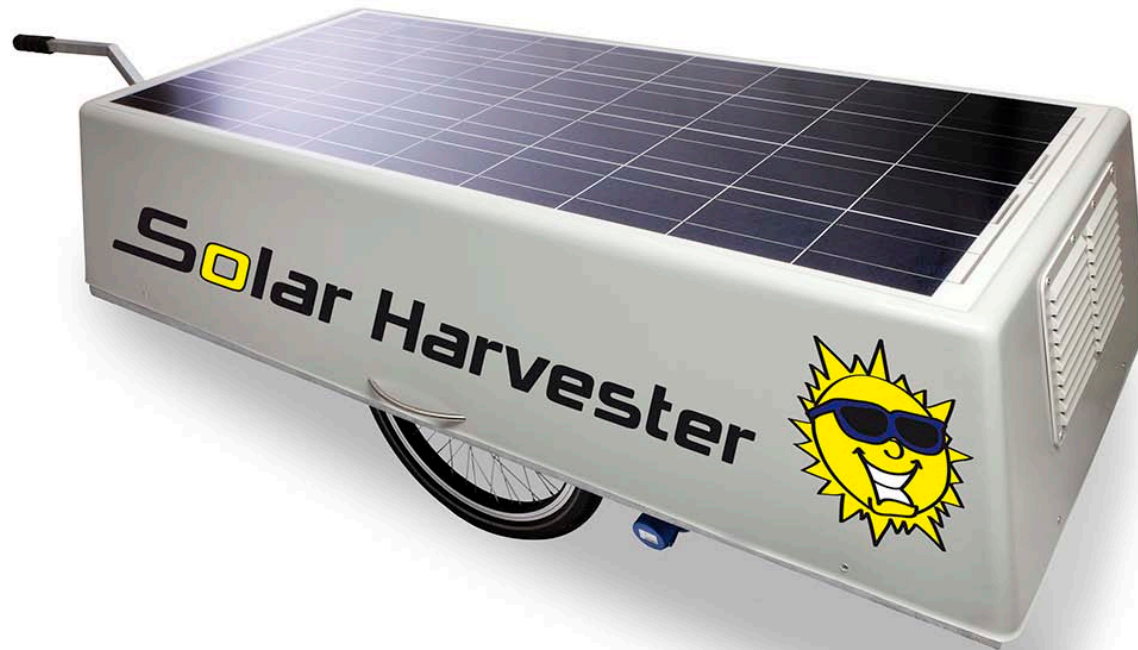
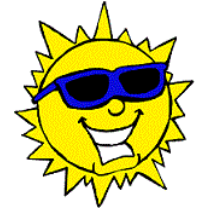
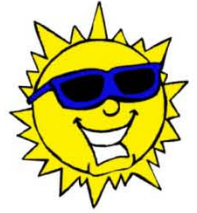


Solar Harvester



Simple, compact and mobile.

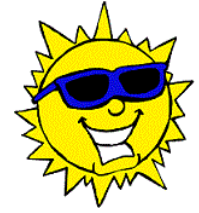
Keep it simple



- For laypersons photovoltaics and off-grid in particular are very difficult to comprehend.
- As soon as you ask how much kW is needed and how much Wh consumed, you realize that the difference between the two is rarely understood. Let alone kWp, kWh/kWp, Ah,..., all necessary for proper pv dimensioning.
- For installation a specialist in solar electricity is needed. The technical know-how is expensive, if available at all.
- Solar Harvester turns the tables and drastically simplifies the matter:

Put it into the sun - draw electricity out of the socket – that's it.

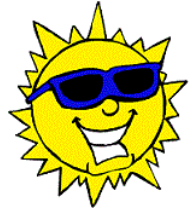
Simple, compact and mobile



- No set-up and installation necessary
- High quality components for long life-time
- The most simple tracking system
- Mobile – to bring electricity to where it is needed



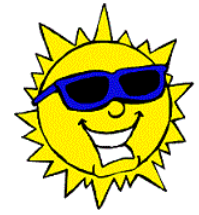
Technical innovation



- Components are designed to allow stackability for cost-effective transport.
- Final assembly can be done in local storage sites in destination countries.
- Example: 4 units stacked in a minivan.



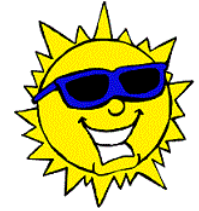
Solar Harvester is a missing link



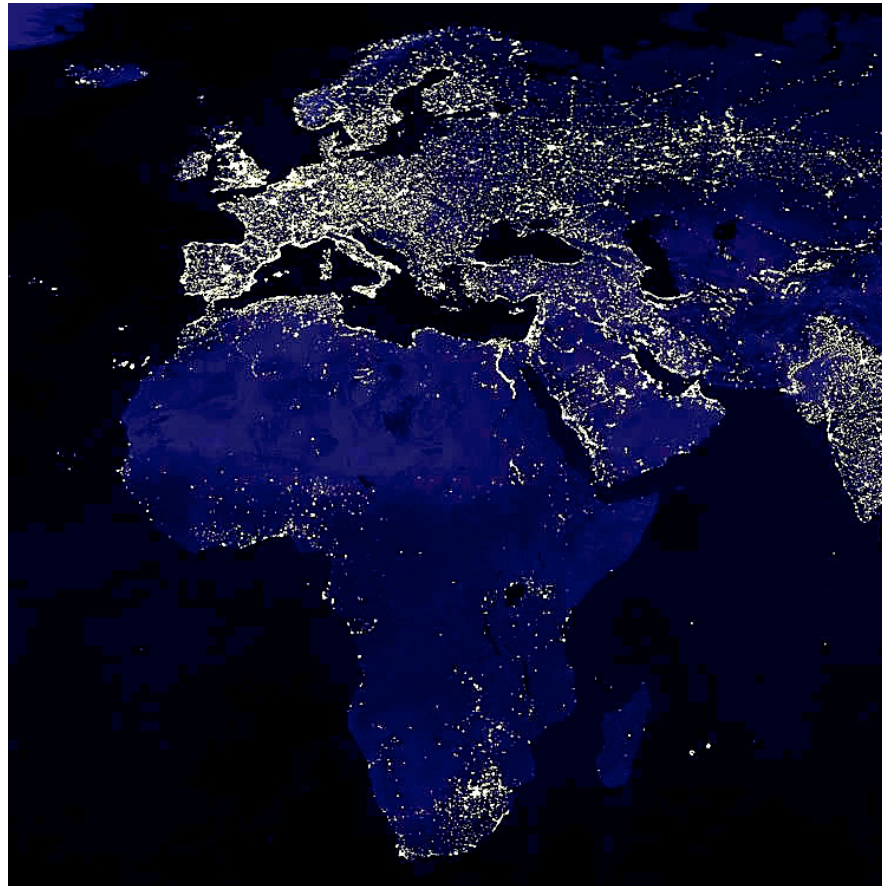
- Solar Harvester is a missing link between small carryable Pico-PV systems (typically a few Wp) and larger fixed installed plants (typically starting at few kWp).
- the range of Solar Harvester is between 130 Wp and 750 Wp. Full mobility with much larger power compared to Pico-PV.



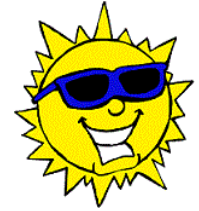
1,500m people without electricity



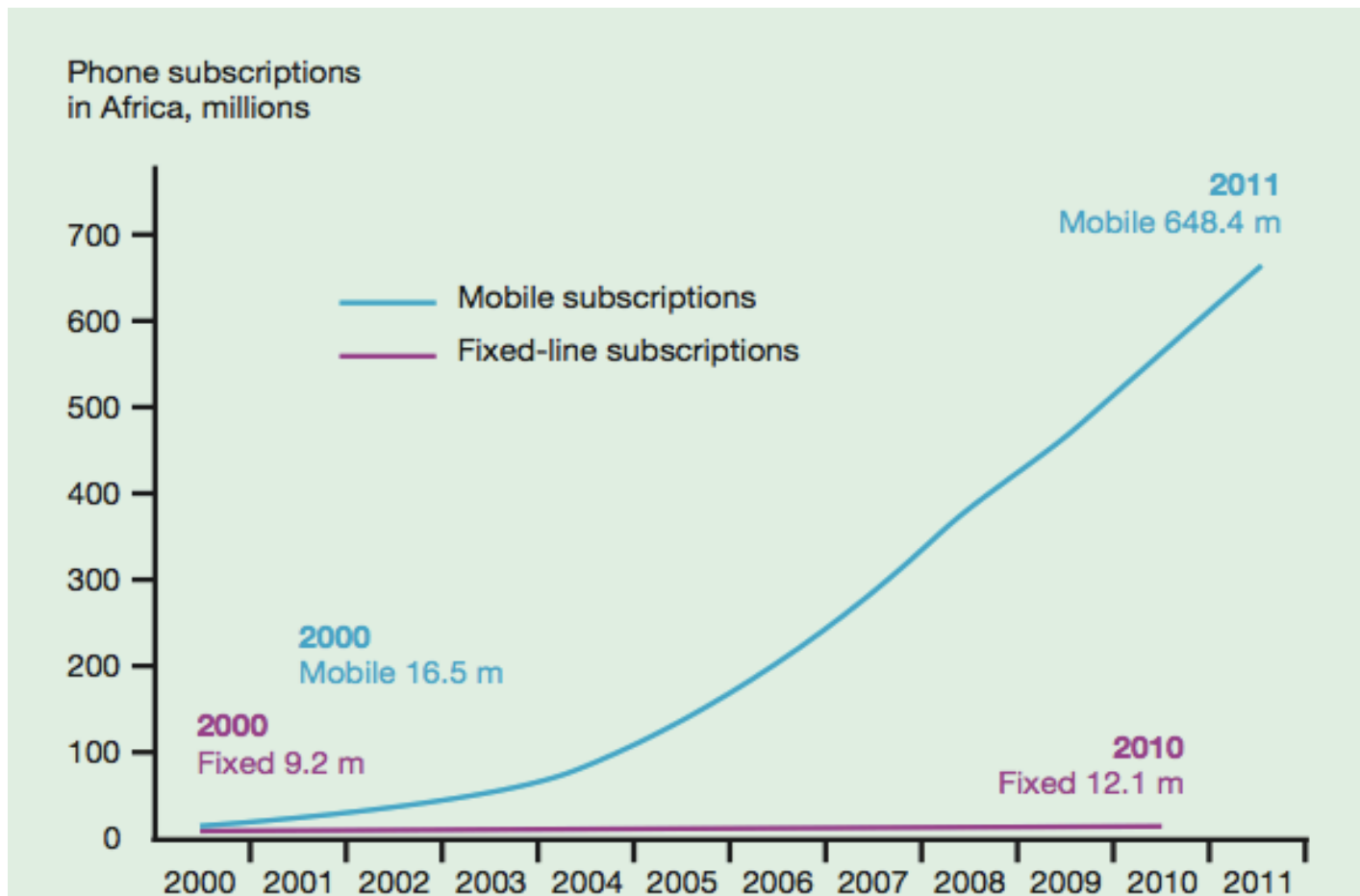
- We firmly believe that de-centralized electricity generation will serve the countryside.



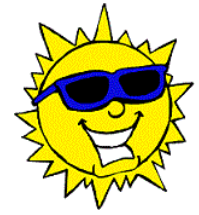
De-centralized mobile solutions



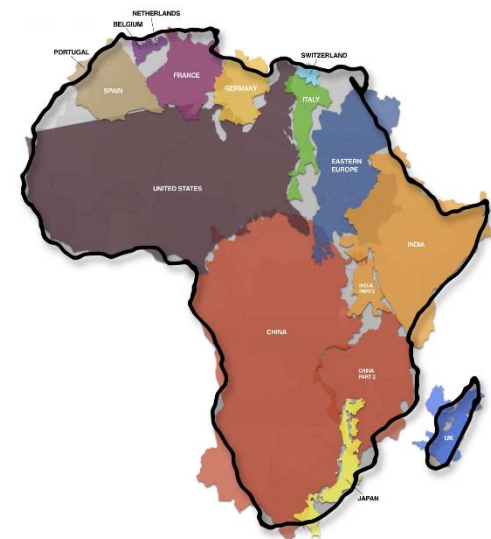
- Remember the mobile phone success in Africa



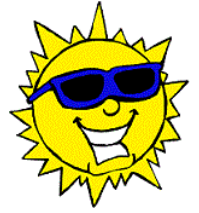
Africa is big



- Too big for a grid



3 market segments



B.O.S.S. = Business Opportunity with Solar Systems

Entrepreneurs can use the mobility to move towards their customers.
(e.g. charging stations for battery driven lamps, for cell phones, water pumps, carpenters, you name it)

Middle and upper class at their home

Replacement for fuel powered generator during blackouts and shortages

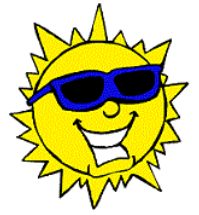
NGOs

Strong need for schools, clean drinking water, cooling of medication, quality of life within the camps.

White advertising space ideal for industrial sponsors.



House packages



- Solar Harvester basic (without inverter)
- 12V DC loads

– small



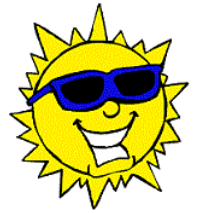
– medium



– large



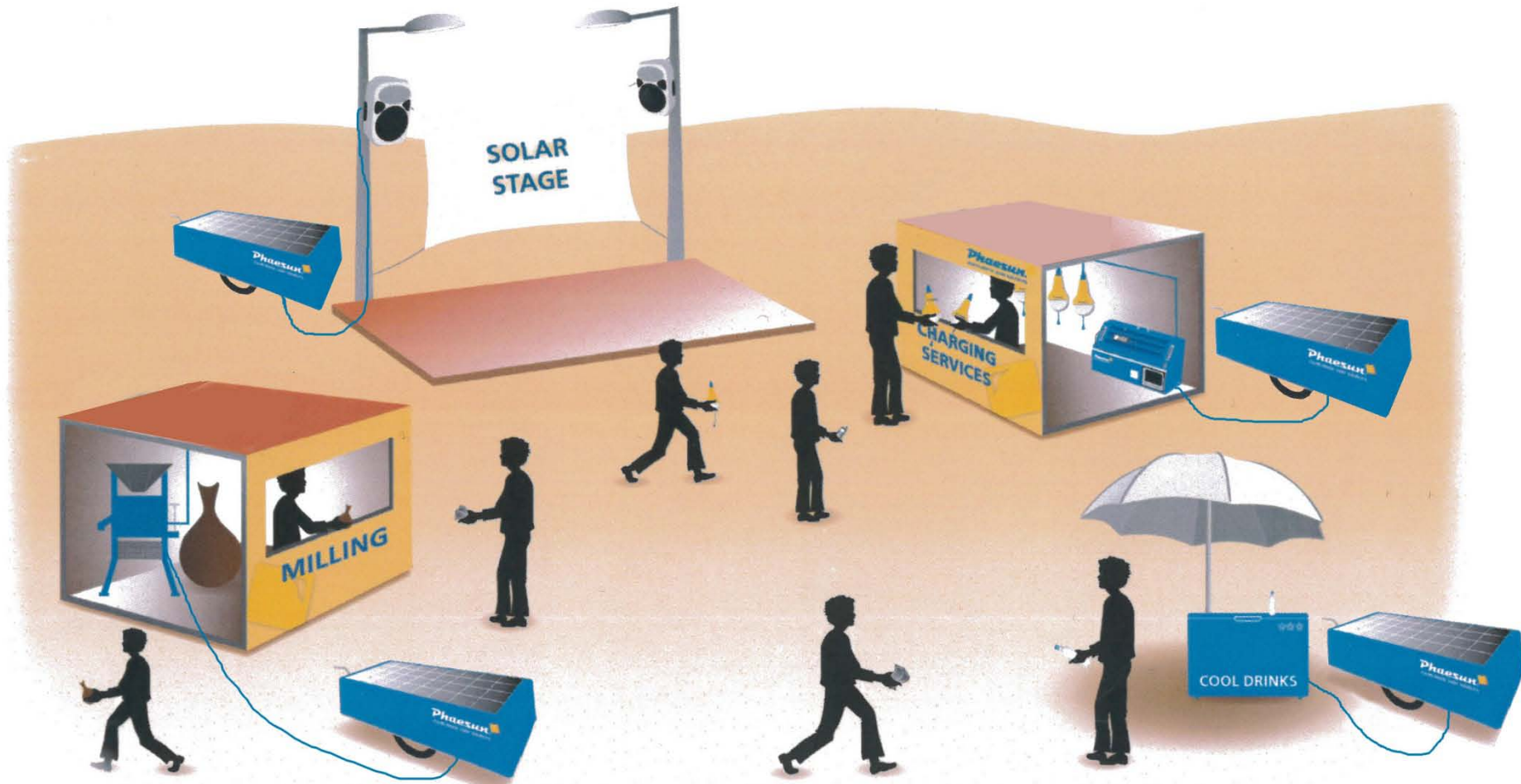
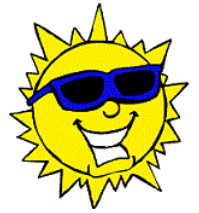
House packages



- First presentation in Takoradi, Ghana
- 40 orders (incl. forecast 85)
 - 3 Solar Harvester professional (AC)
 - 3 Solar Harvester basic (DC)
- 34 House combinations
 - 2 small
 - 13 medium
 - 19 large

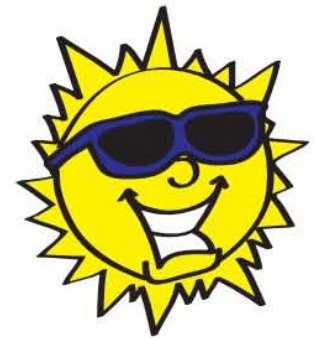


B.O.S.S.



Source: Phaesun, adapted

Solar Harvester.de



Contact:

www.solar-harvester.de

sun@solar-harvester.de

Dr. Richard Feichtinger

+49-7071-306651

Lorettoplatz 26

72072 Tuebingen

Germany