



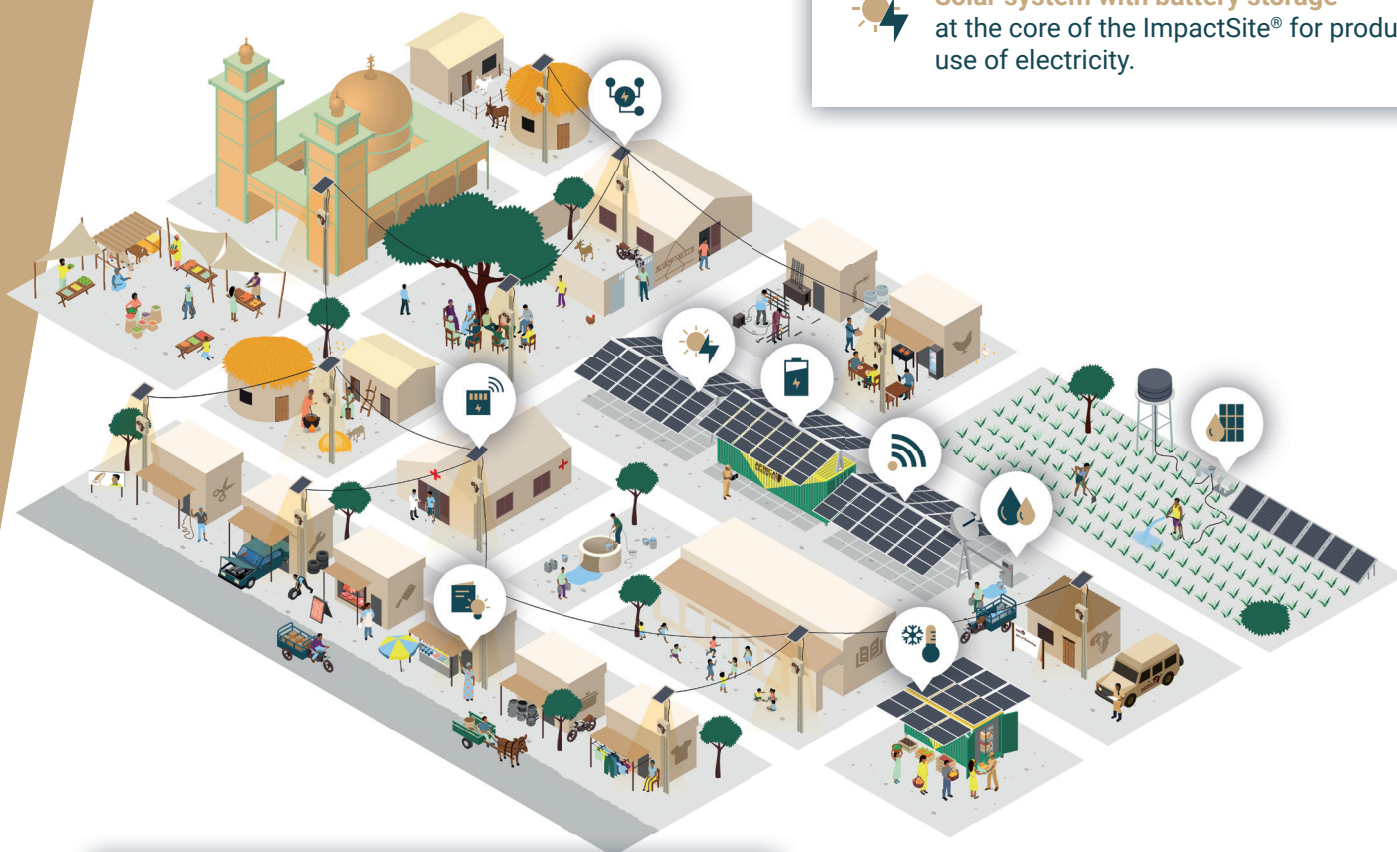
Africa GreenTec's holistic solution

ImpactSite® – empowerment through sustainable energy solutions

Electricity production – Solartainer®



Solar system with battery storage
at the core of the ImpactSite® for productive use of electricity.



Mini-grid & Internet



Mini-grid & Smart meter
mini-grids enable productive use of electricity, hence driving forward local socio-economic development. Smart meters enable customized tariff model, remote maintenance and data analytics.



Internet access via WiFi
through a modern, reliable and secure SatCom system.

Impact Programs



SME consulting to enhance productivity.
Women empowerment programs foster social and financial inclusion.

FilterUP



Water purification
system to create up to 3,000 liters of purified drinking water an hour.

Cooltainer® & PumpUP®



Cooling
through the Cooltainer increases agricultural output and decreases food loss by offering 20 m³ cooled storage capacity.



Irrigation
through our PumpUP solar water pump system, increases agricultural productivity.

600 million people in sub-saharan Africa can unfold a huge economic growth potential

The lack of energy access has massive effects on critical infrastructure:



600 Mio.

people have no access to electricity



40%

of fruits & vegetables spoil due to a lack of cooling



54%

of the population has no access to drinking water



75%

of the population has no access to reliable internet

With our ImpactSites we address the SDG's

7 AFFORDABLE AND CLEAN ENERGY



up to 3000 people
have access to clean electricity

2 ZERO HUNGER



300 t / year
of food losses avoided

8 DECENT WORK AND ECONOMIC GROWTH



up to 40 small businesses
empowered to increase productivity

6 CLEAN WATER AND SANITATION



up to 3000 people
have access to drinking water

13 CLIMATE ACTION



70 t CO2 / year
avoided

4 QUALITY EDUCATION



high-speed internet for communication, information and entertainment



Solution

Mini-grids

Decentralized PV + battery systems are the most eco- & cost-effective way to electrify and empower Africa

WE DO.

africagreentec.com