



Africa GreenTec's holistic solution

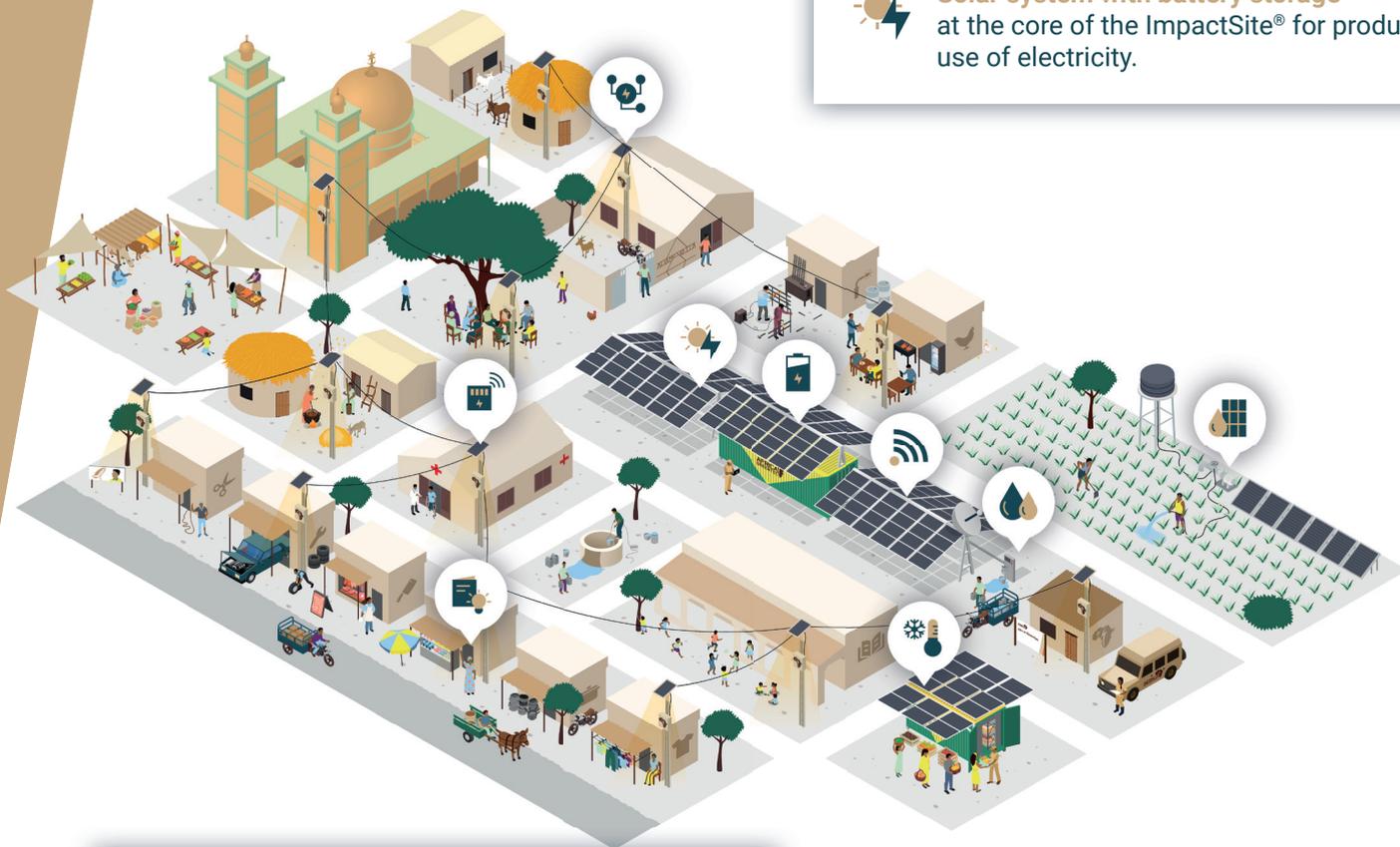
ImpactSite[®] – empowerment through sustainable energy solutions

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

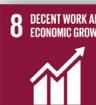
With our ImpactSites we address the SDG's



up to 3000 people have access to clean electricity



300 t / year of food losses avoided



up to 40 small businesses empowered to increase productivity



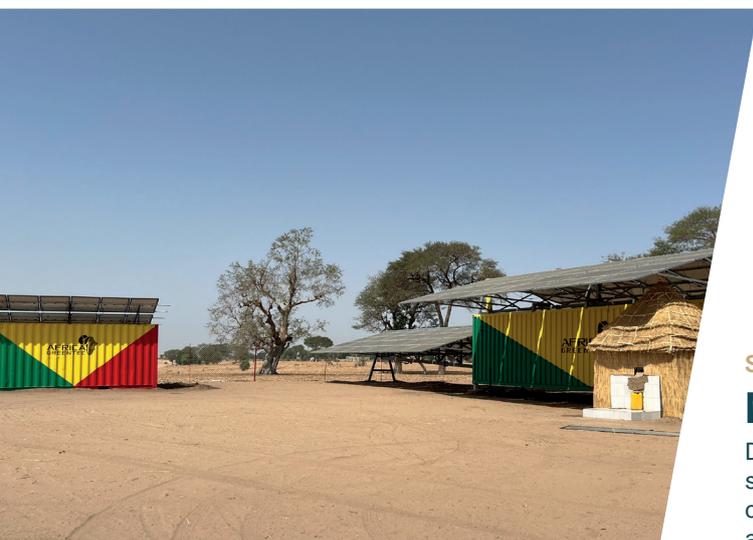
up to 3000 people have access to drinking water



70 t CO2 / year avoided



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