



Asantys Systems GmbH

**360° service provider for solar projects
and PURE solutions**



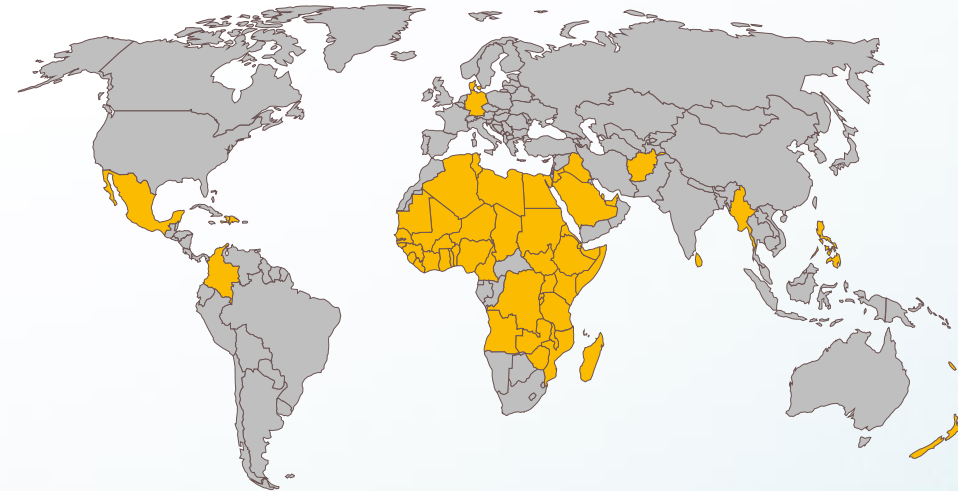
SCAN ME



Asantys company



- German based **solar system integrator & EPC provider** (founded in 2009)
- Specialised in **designing & delivering solar systems** worldwide with our **local partners**
- Implements projects **quickly** and **cost-effectively**, including engineering, logistics, installation and project management



- Delivered more than **7600 systems** to more than **55 countries worldwide**
- Turnover 2022: 11,5 Million \$ (total since 2009: approx. 70 Million \$)

As a social entrepreneur we follow not only commercial goals but want to achieve a **renewable energy revolution**, providing clean, secure and affordable energy for everybody.

Asantys Services

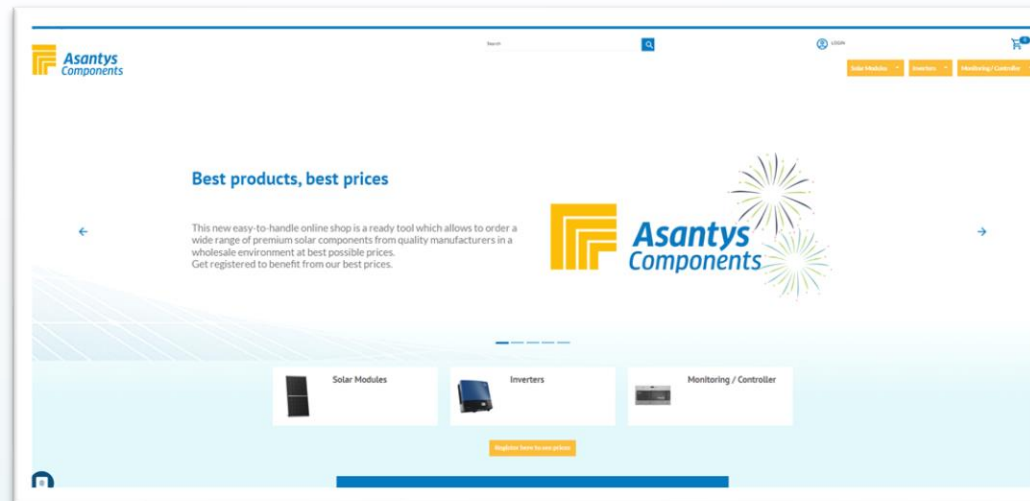


Additional:

- Financing
- Battery recycling
- Mini-Grid Operation support
- Productive use of Energy

Asantys Components B2B onlineshop

- **Easy-to-handle** online shop – Developing a One-Stop-Shop in near future
- Allows to order a wide range of **premium solar components** from **quality manufacturers** in a **wholesale environment** at **best possible prices**
- **Simple** and **transparent pricing system** with **loyalty program advantages**
- Quote and order management system allows a **transparent order process**
- Delivery of all products from different categories or suppliers in **one consolidated shipment**
- Benefit from **experienced** and **cost-effective logistics**



Asantys **PURE** Services

PRODUCTIVE USE OF RENEWABLE ENERGY



Productive use of energy (PUE)

- Any activity using electricity to generate income
- Appliances increasing productivity
- Creating economic value and improving economic development



Productive Use of Renewable Energy (PURE)

- Application of renewable energy technologies
- Holistic approach to improve energy access and economic development



Asantys PURE Solutions

PRODUCTIVE USE OF RENEWABLE ENERGY

DIGITALISATION

Monitoring
Intelligent Control
Customer Management
Payment tracking / collection

→ Improves overall system operations by intelligent linking of the different components

→ Enhances systems reliability & efficiency



AGRICULTURE

Crop & Livestock processing

Improves productivity
Reduces harvest loss
Improves shelf-life

MACHINERY

Workshop tools
Business applications

Improves productivity

E-MOBILITY

Vehicles
Charging stations

Improves means of transportation
Provides access to goods and markets

COLD STORAGE

Food preservation

Reduces food loss
Improves cold chain

WATER

Pumping
Purification

Provides accessibility to clean water
Improves health

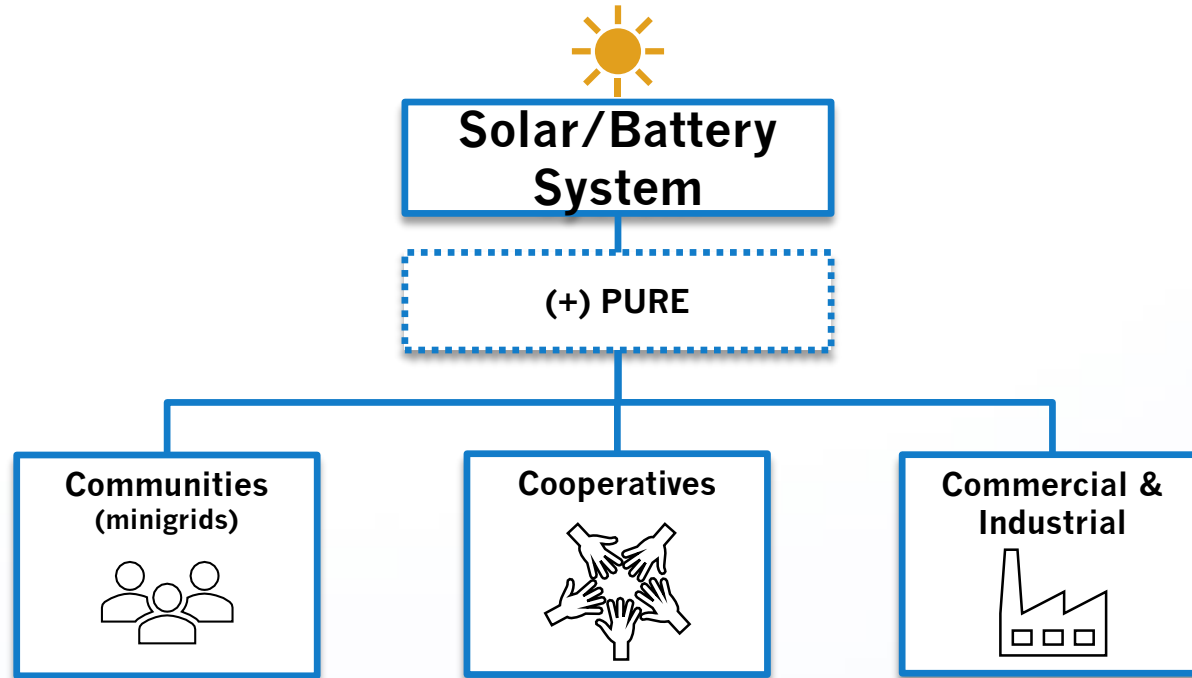
IMPROVING:

- Economic Development
- Business & Job opportunities
- Health & Living Conditions

REDUCING:

- CO₂ emissions
- Urban migration
- Rural poverty

Asantys PURE Applications



| Benefits depending on applications | |
|------------------------------------|----------------------------|
| Energy Access | Electricity Cost Reduction |
| Job Creation | Fuel Saving |
| Community Development | Energy Security |
| Business Development | Reliability |

Asantys Systems PURE datasheets

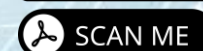
E-mobility solutions



Water purification solutions



Solar cooling solutions



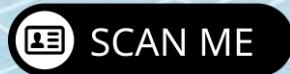


Thank you!

Please get in touch:

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References

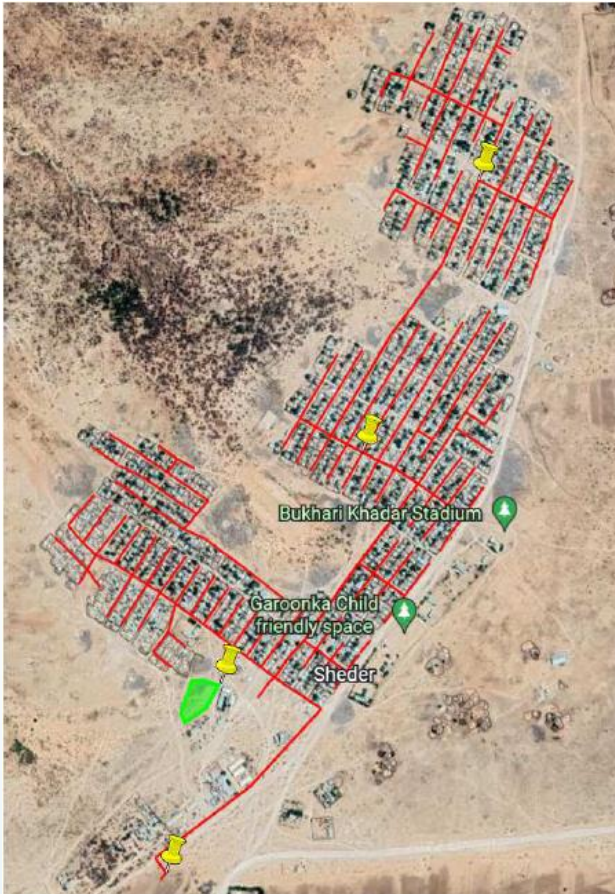
Ongoing project with >120 containerized power assets for different villages in Senegal (2021-2024).



References

Ethiopia, Minigrid 252 kWp.

Engineering 2022, procurement & installation 2023, commissioning & training 2024



Photos credits: MercyCorps

References

PV Backup System for Water Distribution System in Bamako, Mali - 300 kWp – 2023.



References

E-Mobility / E-Safari: Safari in the Serengeti National Park in Tanzania in 2018



Toyota Landcruisers converted to E-Safari-Vehicles

- Reduced noise
- Reduced emissions
- Saving on fuel
- Reduced maintenance

45kW Asynchron Motor

Lithium Iron-Phosphate Battery
40 – 80kWh capacity
130 – 240km range

→ Charged with solar power

