One-stop power provision for rural Africa: The role of private investment

Wolfgang Hofstätter, CEO, KAIITO Energie AG, Munich, GERMANY
w.hofstaetter@kaito-energie.de
The KAÏTO vision: Big Picture

Reliable energy providing creates local business and income.

- Rural development depends on electricity
- Long-term independence from donations and subsidies
- Partnership on a par
- Private dedication first
- Services have to be paid for
The KAÏTO Solution

The meaning of „KAÏTO“: In Diola „stand up and do it“ and „Success“. In Japan „concept, plan, solution“

Basic principles:
- Affordable solutions for all income classes
- Technical upgrade compatibility

The KAÏTO Roadmap for Rural Electrification:
- Step 1: Village charging stations
- Step 2: Domestic and business solutions
- Step 3: Village grids / second source
- Step 4: Regional energy clusters
Projects 2008 - 2011

- Village electrification
  - Charging stations
  - Jatropha micro plantations
- Domestic solutions
  - Inhouse switches and battery boxes
  - Packages („Kits“)
- Business solutions
  - Irrigation and cooling solutions
  - Back Ups
- CSR projects
- Training center
Projects 2012 ff

Upgrade village electrification
- Charging stations → local service points
- Build up local AC grids with a second source
- Domestic solution → alternative to SHS

Enhance business support
- Close the financing gap with local money
- Establish an entrepreneurial culture

Integrate on–grid and off-grid procedures
- Take part in fuel saver programs
- Off-grid electrification around feed-in points
Thank you!

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To contact us:
KAÏTO Energie AG
Pettenkoferstr. 24
80336 München
+49 89 5454 6148
info@kaito-energie.de