



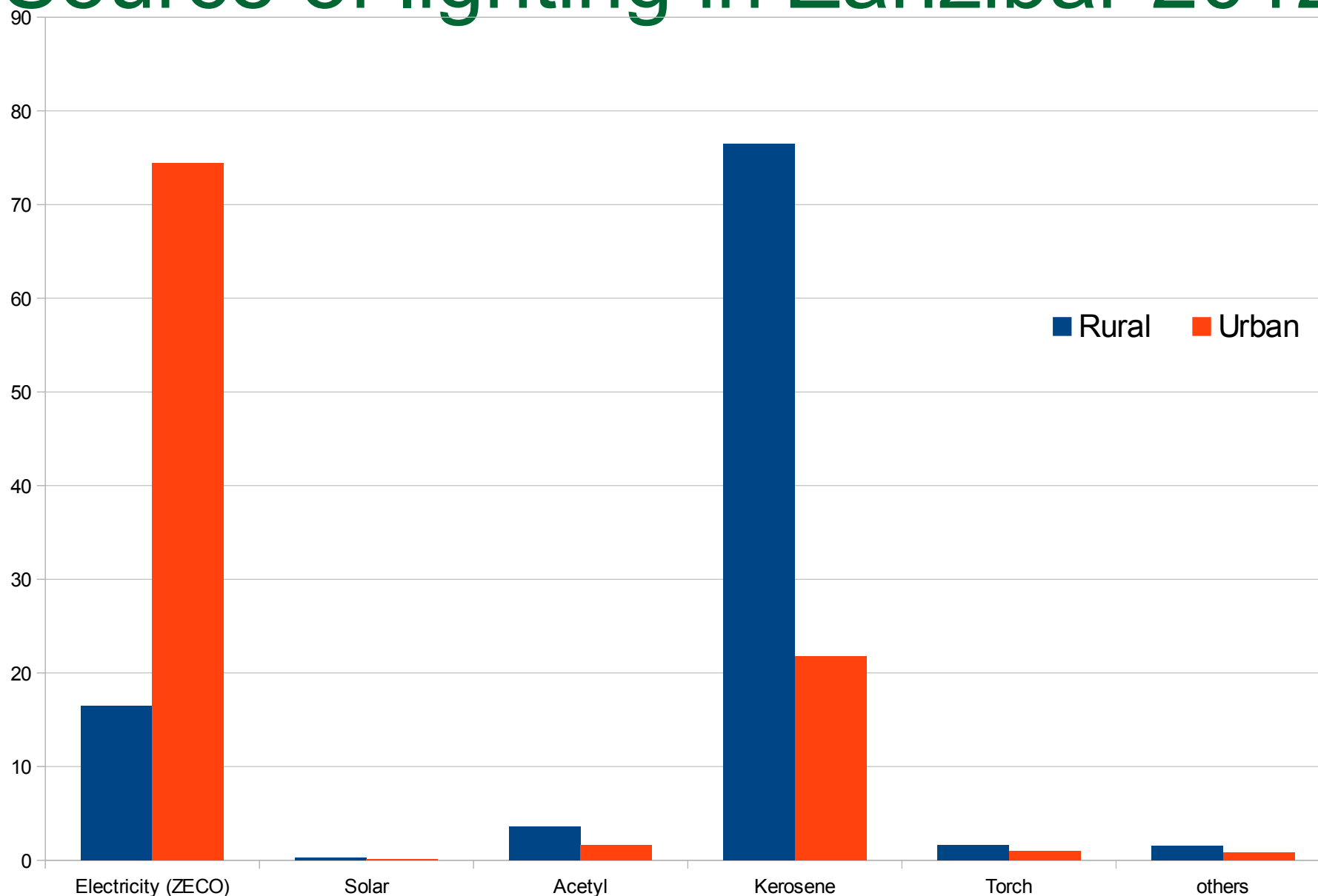
“Renewable Energy access in Zanzibar”

Ursula Wittekind
Renewable Energy Zanzibar Association

content

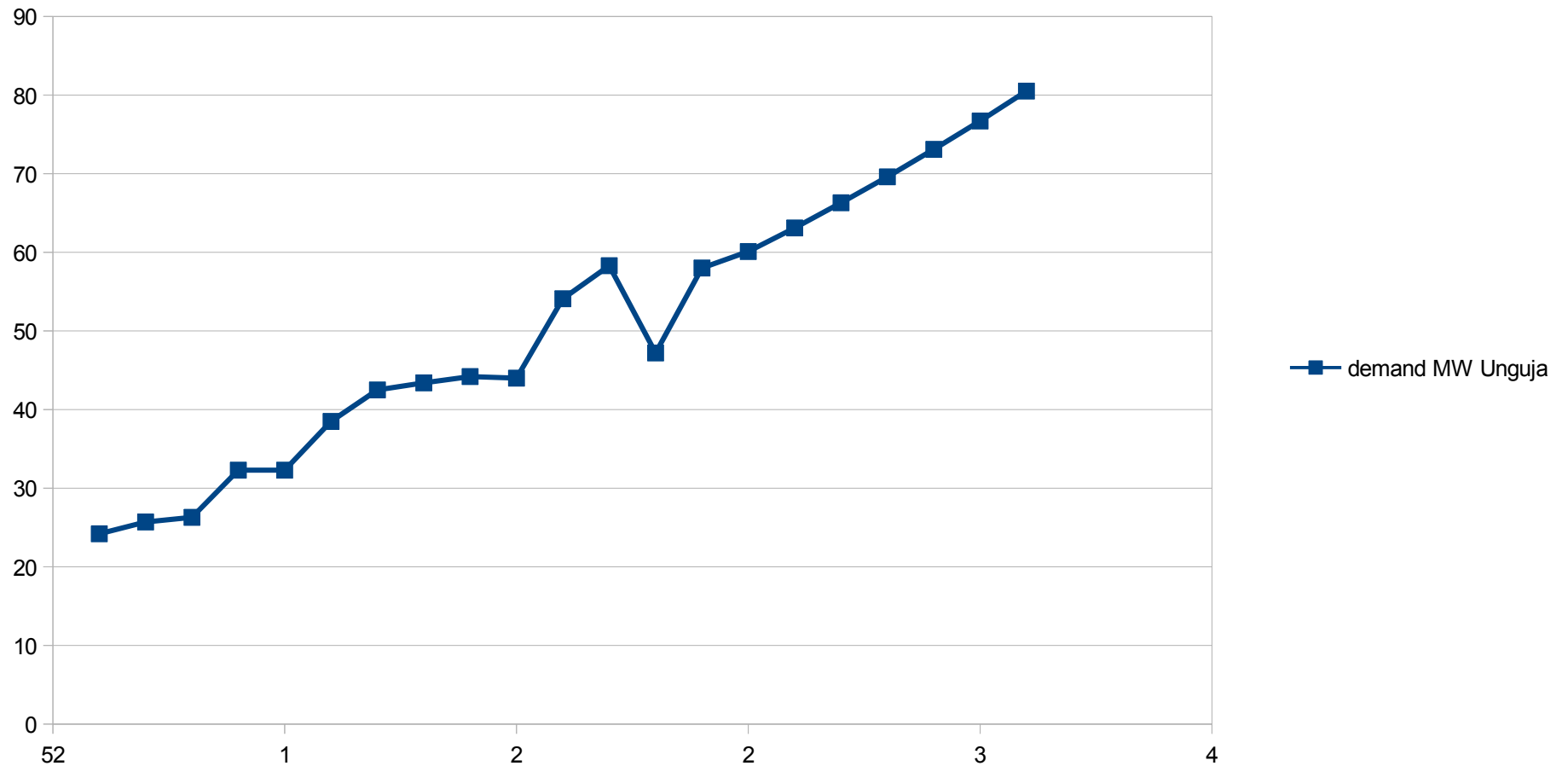
- Energy access Zanzibar and Energy policy
- Renewable Energies in Zanzibar
- Renewable Energy Zanzibar Association:
 - aims
 - role

Source of lighting in Zanzibar 2012



Source for data: **'Basic Demographic and Socio-Economic Profile'**, Tanzania Zanzibar
National Bureau of Statistics, Ministry of Finance (Dar es Salaam)
Office of Chief Government Statistician, Ministry of State, President Office, State House and Good Governance (Zanzibar) April, 2014

Load demand Unguja 2000-2020



Energy policy Zanzibar

- increase the **energy efficiency** within the energy sector of Zanzibar
- increase the supply of energy from indigenous **renewable energy sources**
- increase the **reliability, affordability** and **independence** of **modern energy supply** in Zanzibar
- involve all **main stakeholders** in coordinated actions while considering related documents regarding the future **social and economic development** and **poverty reduction** in Zanzibar.

RE technologies used in Zanzibar

- Mainly small-scale applications, not connected to the national power grid
 - solar systems, small-scale biogas
- Until now, a full collection of data does not exist



Projects RE Zanzibar

- KARUME institute:
 - solarsystem with 75 kW connected to national power grid
- Study EU on potential of wind and solar technology Zanzibar

Vision for RE

- Zanzibar Vision 2020: „improve the provision of basic infrastructure and services like [...] **electricity** [...]
- Aims uttered in the Energy policy

REZA and its work



Mission of REZA

- Develop an effective network of actors of the Renewable Energy sector
 - Promote and advocate the increased use of Renewable Energy in Zanzibar

Objective of REZA

- To support the sustainable use of Renewable Energy Technologies, especially in rural areas
→ enable community development and fight for poverty

Role of REZA

- Connecting policy makers with beneficiaries
 - Target group: communities in rural areas, end-users of energy
 - assess needs/wishes of people, direct dialogue
 - awareness raising/ education
 - conduct self- sustaining projects (by providing skills and an access to technology)
 - Network creation Renewable Energy sector
- **ensure a sustainable development of the RE sector in Zanzibar**

Work of REZA and the SDGs

7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



4 QUALITY
EDUCATION



13 CLIMATE
ACTION



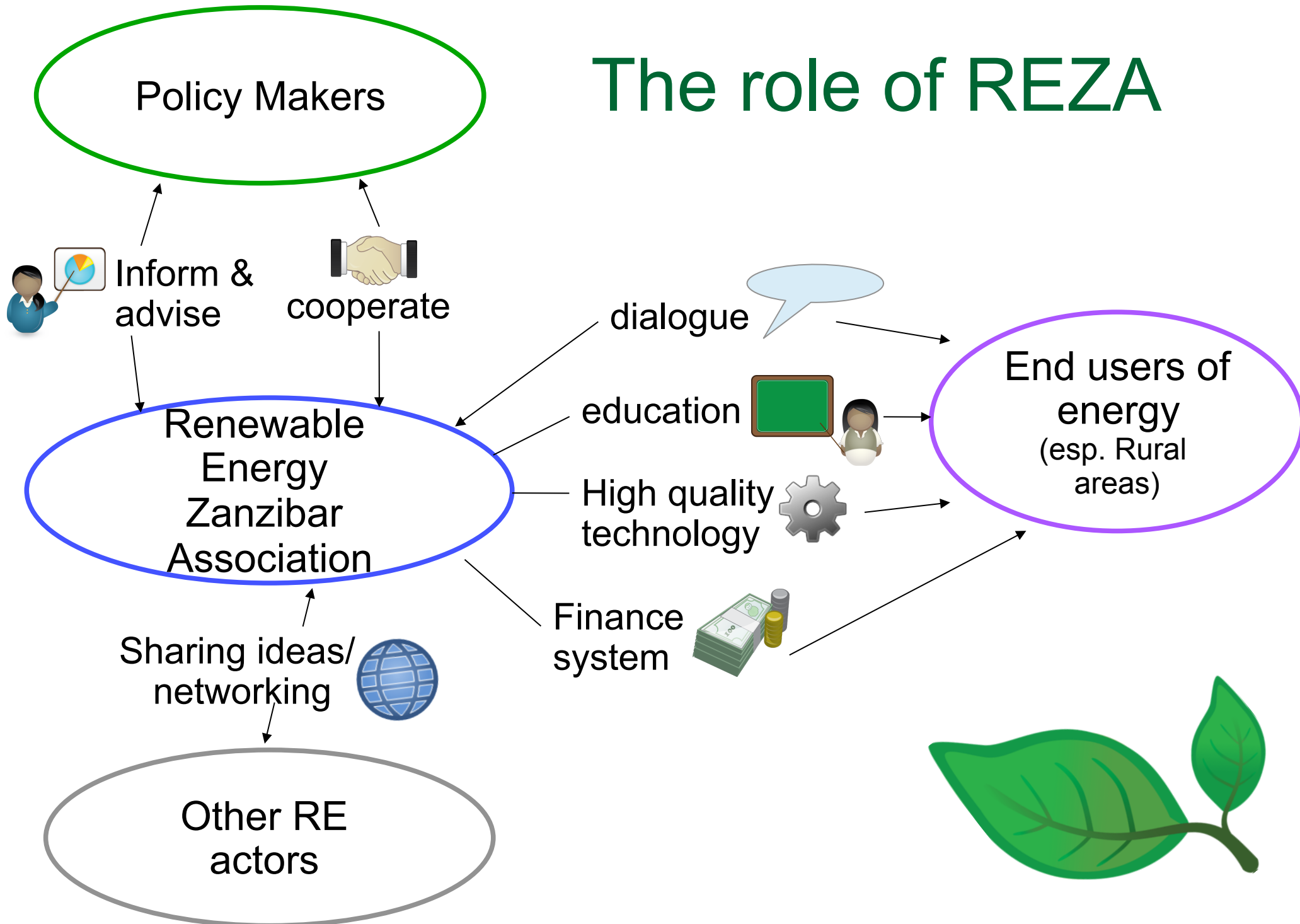
1 NO
POVERTY



8 DECENT WORK AND
ECONOMIC GROWTH



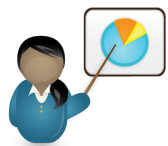
The role of REZA



Policy Makers

Key factors of the work of REZA:

- Project-sustainability
- Direct dialogue with the beneficiaries:
assess needs and wishes



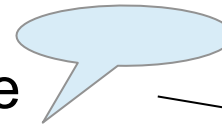
Inform &
advise



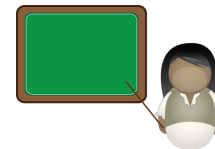
cooperate

Renewable
Energy
Zanzibar
Association

dialogue



education



High quality
technology



Finance
system



End users of
energy
(esp. Rural
areas)

Sharing ideas/
networking



Other RE
actors

Policy Makers

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Other RE
actors

→ **ensure a sustainable
development of the RE sector
in Zanzibar**

Some of REZA activities



Conducting village trainings on RE and a small solar homesystem



Training and working together with local solar technicians



networking

Challenges for RE





Thank you for your attention!



ursula_wittekind@yahoo.de
www.reza-tz.org