

EU-GIZ ACSE
ADAPTING TO CLIMATE CHANGE AND SUSTAINABLE ENERGY

**Monitoring Scope, Progress and Impact
of EU-GIZ ACSE Projects**

An overview

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Steering Committee Meeting 2018



**PACIFIC ISLANDS
FORUM SECRETARIAT**



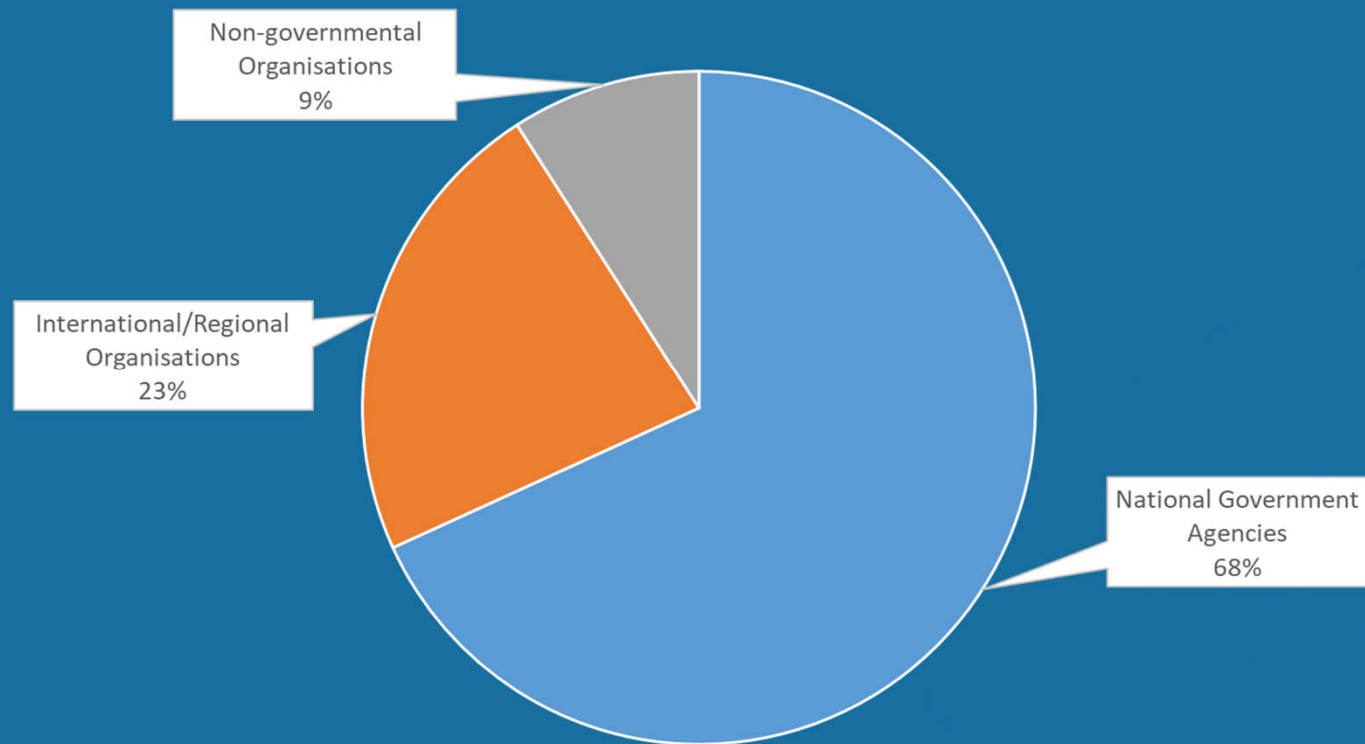
giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



The Programme

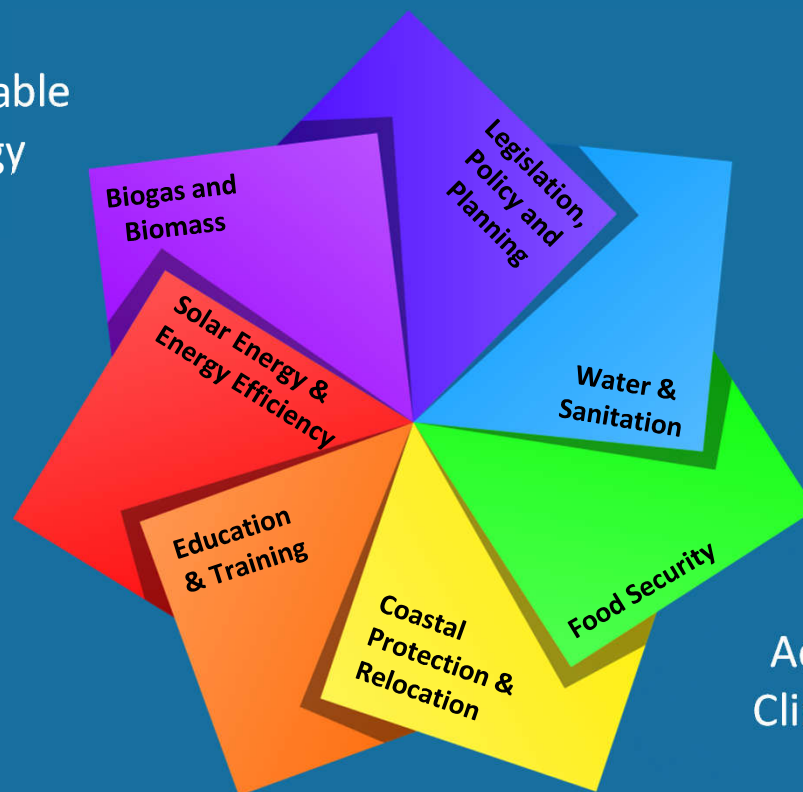
- **Objective: Enhance sustainable livelihoods through strengthened capacity to adapt to climate change and to enhance energy security**
- Country driven approach
- Call for Proposals to 15 PACP countries in 2014
- 2015-2016: Detailed assessment and planning of 22 projects (10 CCA, 12 SE); signing of agreements; start of projects
- The last project has started implementation in March 2017

Implementing Partners



Range of Interventions

Sustainable
Energy



Adaptation to
Climate Change

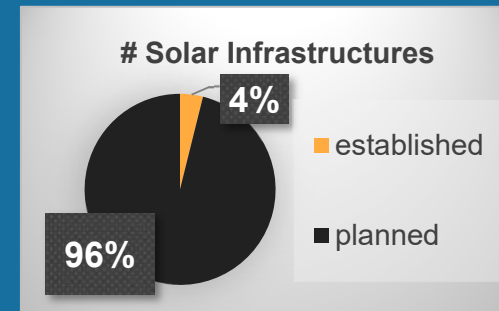
Solar Energy & Energy Efficiency

➤ *In various stages of planning and tendering:*

- Solar and solar hybrid power systems in Kiribati, Solomon Islands, Vanuatu, Fiji, Timor-Leste and PNG
- Solar freezer in Vanuatu; medical solar cooler in Fiji
- Training equipment for solar technicians in Solomon Islands
- Solar streetlights in PNG
- Energy efficiency upgrade of government buildings, net-meters in FSM

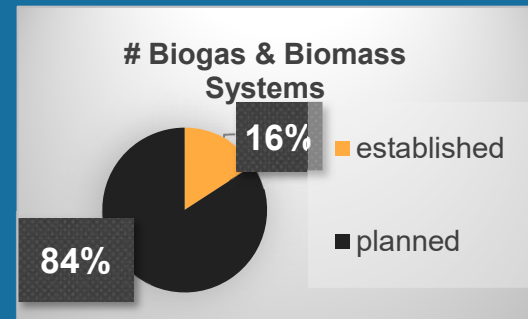
➤ *Solar pumps for irrigation were set up in Timor-Leste*

➤ *Energy efficiency assessment of school in Solomon Islands*



Biogas and Biomass Systems

- *In various stages of planning:*
- 2 biogas systems for schools in Vanuatu
- A biomass gasification demonstration plant in Samoa
(will be combined with IMPRESS project's larger plant)
- *6 of 40 biogas systems set up in Tuvalu*



Legislation, Policy and Governance

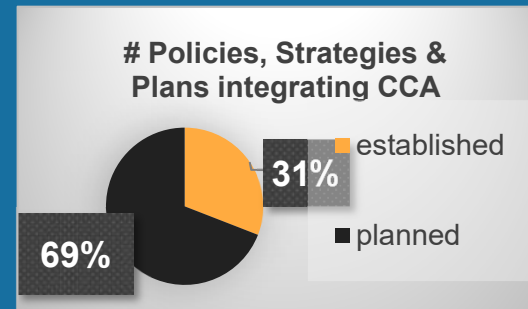
➤ *In progress:*

- Update of provincial and village development plans
- Infrastructure management plans & agreements
- Samoa Energy Bill
- Nauru Energy Bill
- Vanuatu Aquaculture development plans
- FSM Net Metering Legislation and Energy Bill

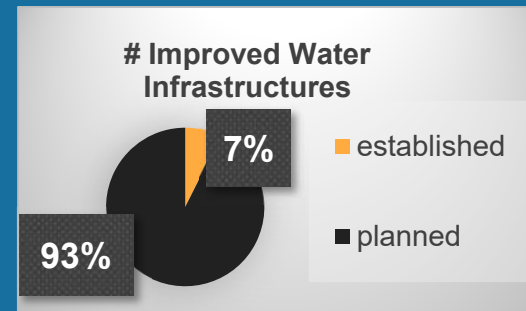
➤ *About 13 of 42 plans integrating CCA created or updated*

➤ *Samoa Energy Sector Plan released*

➤ *Fiji relocation guidelines close to completion*

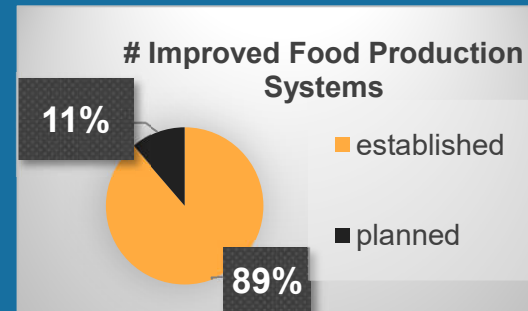


Water and Sanitation



- ***In various stages of planning, tendering and construction:***
 - Water tanks in RMI, Cook Islands, FSM, PNG
 - Water pumps, pipes and water collection points in PNG
 - Sewage tanks in Niue
 - Coastal Vegetation in Tonga
- ***Rainwater collection systems, 60.000 l Water tank, solar pump, pipes, and 12 drip irrigation systems setup in Timor-Leste***
- ***3 of 6 rainwater collection systems with drip irrigation and nipples for pigs setup in Palau***
- ***Leaking pipes fixed in Solomon Island***

Food Security and Sustainable Livelihoods



- ***In various stages of planning, tendering and construction:***
 - 3 trial fish farms, a fish hatchery upgrade, and a biogas fed school kitchen in Vanuatu
- ***512 of 500 planned cooking stoves setup and 11.500 trees planted in Timor-Leste***
- ***3 of 5 piggeries built in Palau***
- ***8 of 9 food production systems improved in Fiji***
Fruit trees, climate resilient crops, piggeries, poultry, beehives

Coastal Protection & Relocation

- ***In various phases of planning and tendering:***
 - Mangrove Planting, Sea Wall and Groins in Tonga
 - Construction of 7 houses and a school for relocation in Fiji

- ***3 Automated Weather Stations setup in Vanuatu***

Education & Training

➤ Sustainable Energy

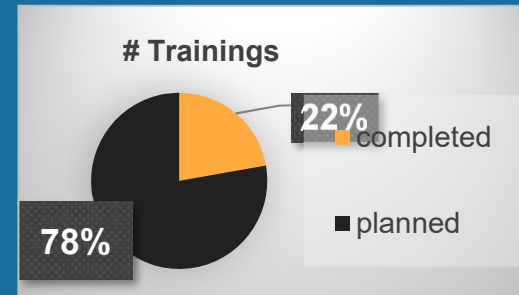
Examples: Energy conservation, Solar technicians training, PV powered irrigation systems, Operation & Maintenance

about 3 of 23 trainings completed

➤ Climate Change Adaptation & Sustainable Livelihoods

Examples: GIS coastal vulnerability, Land use mapping, Rainwater irrigation systems, Climate Field School, Mangrove and Tree Planting, Climate Change Awareness, Hygiene Awareness, Sustainable Livelihoods (honey, carpentry, crops, etc.)

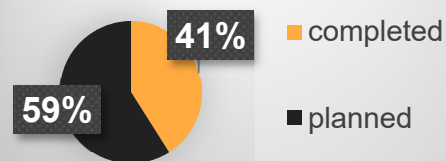
about 15 of 40 trainings completed



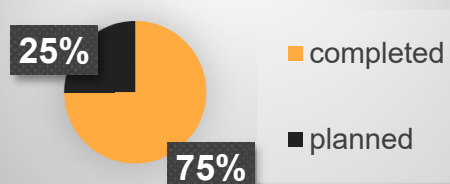
Gender

- *A Gender Workshop in Kiribati*
- *A number of gender-sensitive consultations, trainings and workshops in Timor-Leste, Tonga and Fiji*
- *Gender actions included in Tonga JNAPII*
- *3 of 4 Gender Analyses completed in Kiribati and Palau*

Interventions promoting involvement of women



Interventions promoting gender equality in CCA

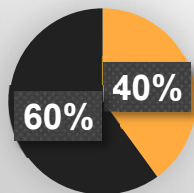


Interventions promoting gender equality in SE



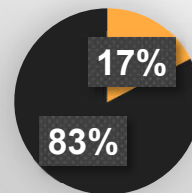
Partnerships and Beneficiaries (Estimation)

**16 of 40 Communities
directly benefitting from
CCA projects**



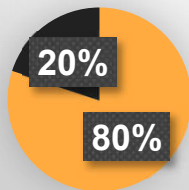
■ benefitting
■ planned

**4 of 23 communities
directly benefitting from
SE projects**



■ benefitting
■ planned

**50 In-country
Partnerships**



■ established
■ planned

All percentages shown are estimates of the EU-GIZ programme's logframe indicators, based on discussions with country managers.

Detailed monitoring information for each project is documented in the implementing partners' Annex 7 progress reports.



Thank you



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