

Energy Access for Rural Communities

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United Nations SDGs – SDG7

Affordable and Clean Energy

Four key targets:

7 AFFORDABLE AND
CLEAN ENERGY



7.1

- Ensuring universal access to electricity and clean cooking solutions

7.2

- Substantially increasing the share of renewable energy

7.3

- Doubling progress on energy efficiency

7.A&B

- Increasing international collaboration in support of clean and renewable energy
- Increasing infrastructure and upgrade technology for supplying modern and sustainable energy services for all.

Global Progress

	INDICATOR	2010	LATEST YEAR
	7.1.1 proportion of population with access to electricity	1.2 billion people without access to electricity	733 million people without access to electricity (2020)
	7.1.2 Proportion of population with primary reliance on clean fuels and technology for cooking	3 billion people without access to clean cooking	2.4 billion people without access to clean cooking (2020)
	7.2.1 Renewable energy share in total final energy consumption	16.1% share of total final energy consumption from renewables	17.7% share of total final energy consumption from renewables (2019)
	7.3.1 Energy intensity measured as a ratio of primary	5.6 MJ/USD primary energy intensity	4.7 MJ/USD primary energy intensity (2019)
	7.a.1 International financial flows to developing countries in support of clean energy research and development and renewable energy	11.2 USD billion international financial flows to developing countries in support of clean energy	10.9 USD billion international financial flows to developing countries in support of clean energy (2019)

% of global population without access to electricity

2010: 17.3 % of the global population
2020: 9.5 % of the global population

% of global population without access to clean cooking

2010: 43.3 % of the global population
2020: 31 % of the global population

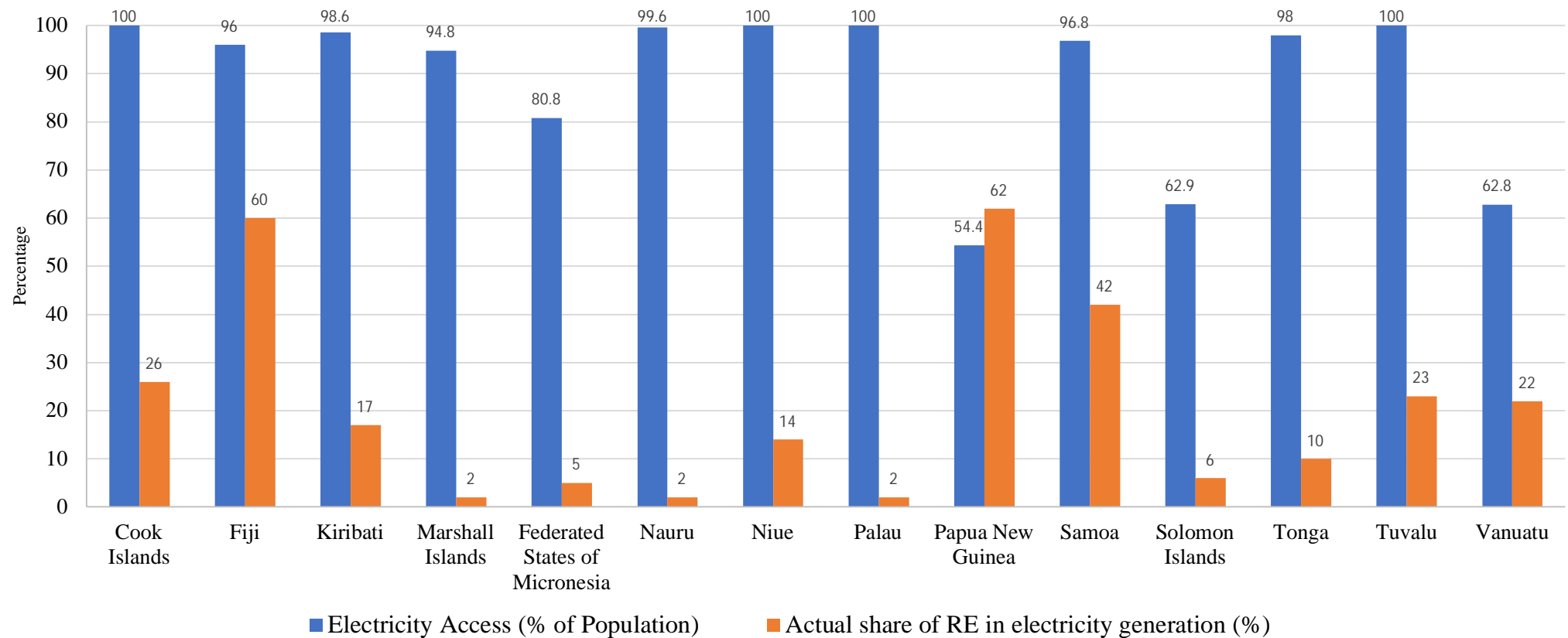
Electricity access is better than clean cooking access

There need to be significant work done in clean cooking energy access

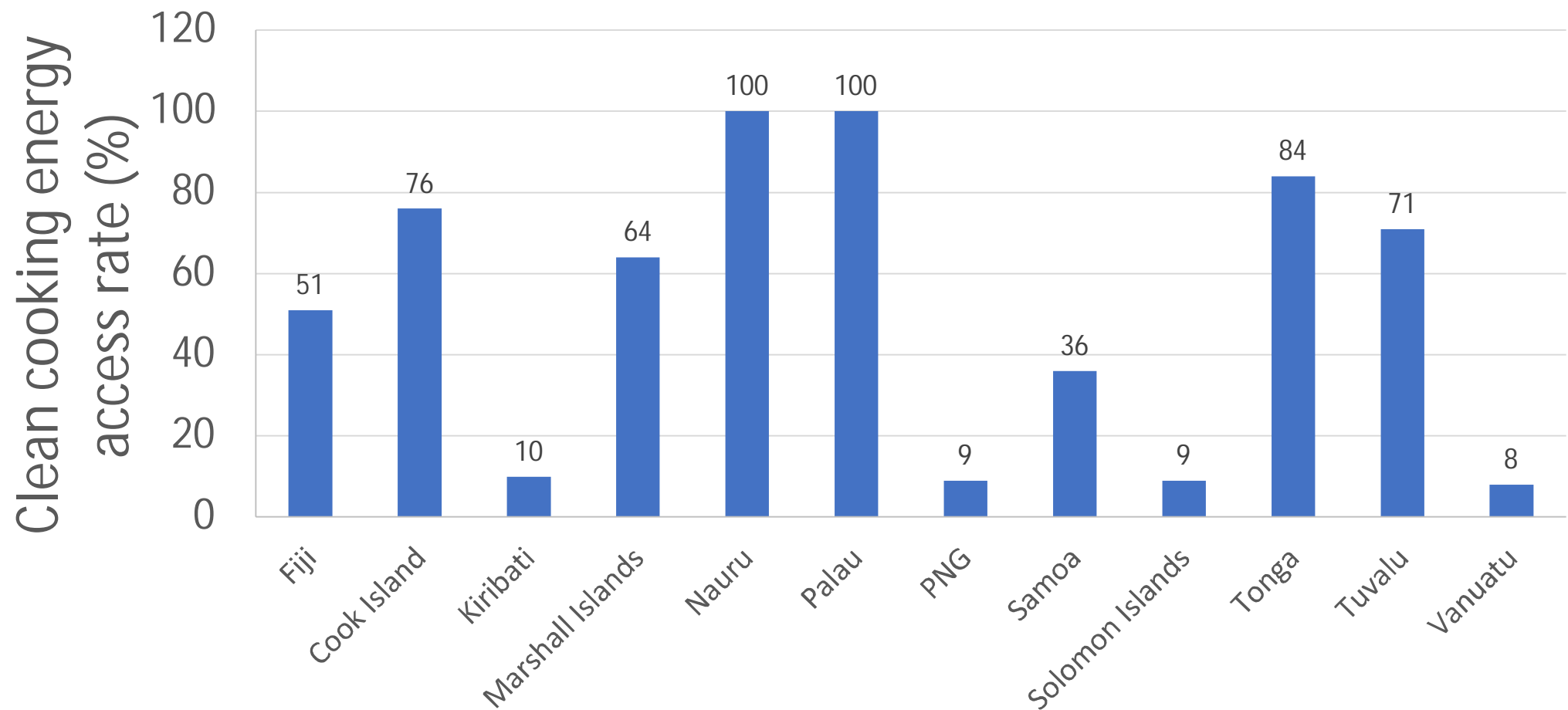
Source: <https://www.irena.org/publications/2022/Jun/Tracking-SDG-7-2022>

Energy Access in PICs

Renewable share in electricity generation and electricity access in PICs. (Data Source: [SPREP](#))

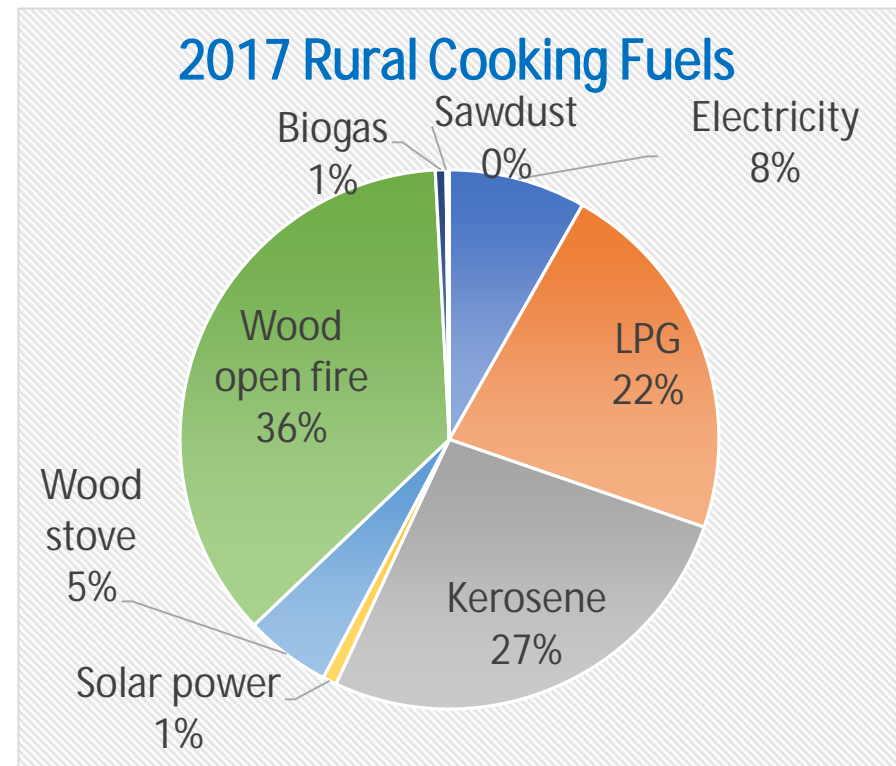
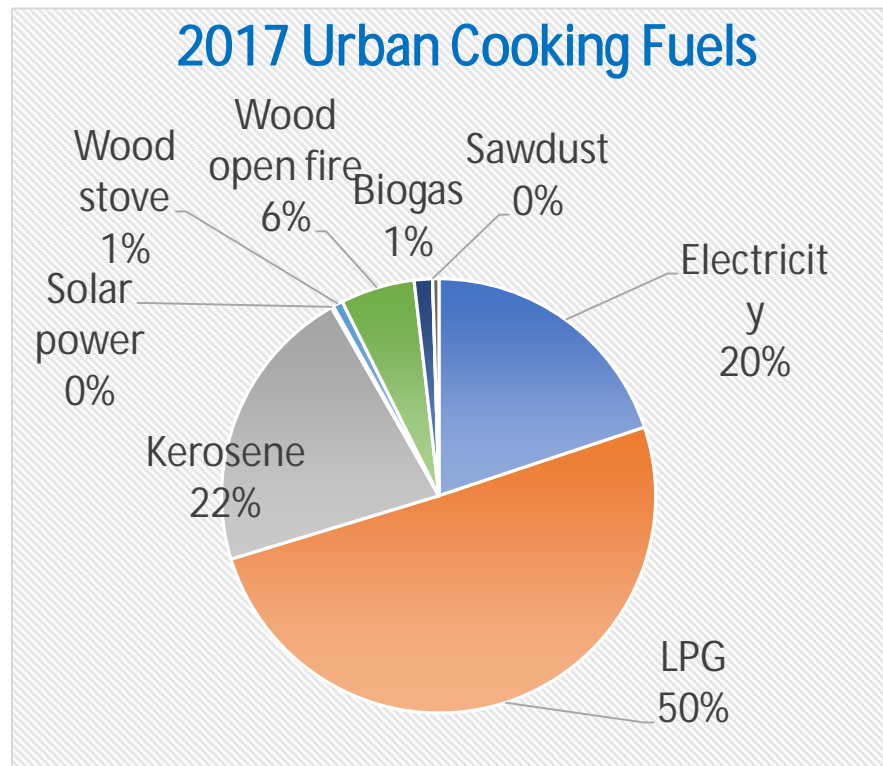


Clean cooking energy access in PICs



Data Source: <https://trackingsdg7.esmap.org/countries>

Fiji: Cooking Energy Access



Cooking fuels in rural and urban areas of Fiji in 2017. Data Source: (FBoS, 2018).

Research Findings

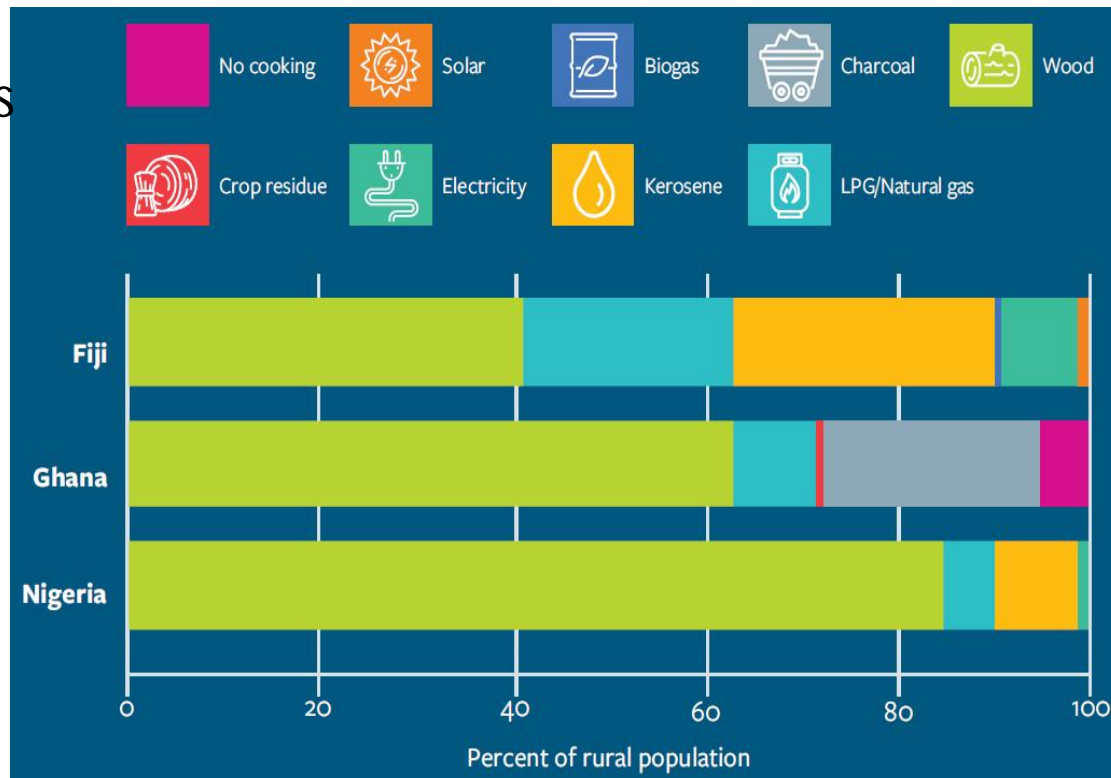
Research to Action Project (2021): Technology mapping for rural communities (TechMap4RC) Clean Cooking Energy Access in Fiji, Ghana and Nigeria

Some findings:

- Even though different geography, challenges are the same for Global South
- Accessibility and affordability
- There is lack of gender mainstreaming in energy access

What can be done:

- Women should be at the heart of energy development
- They are the main stakeholders using the energy and they understand the energy use
- Empower them to do productive activities



<https://www.youtube.com/watch?v=OG9QytTozoU&t=8s>



Thank you