



Accelerating the development of Offshore Wind and Floating Solar PV in Small Island Developing States

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Tuvalu

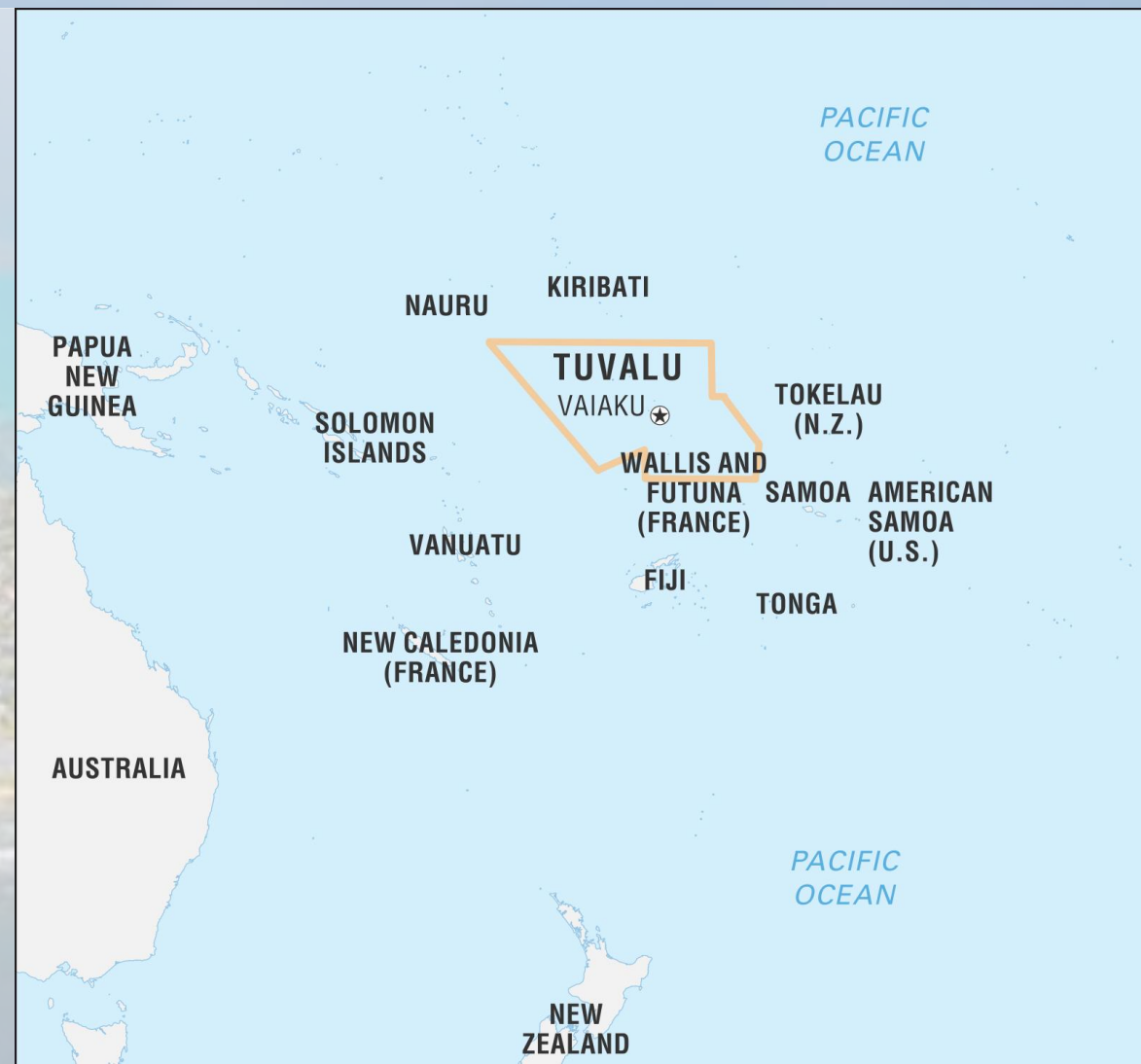
Situated: South Pacific

Land area: 26 km² (10 sq mi) 3rd smallest country

EEZ: 749,790 km² (289,500 sq mi) 38th largest

Highest elevation: 4.6 metres (15 ft)

Population: 11,365





Tuvalu Intended Nationally Determined Contributions (INDC)

Tuvalu commits to reduction of emissions of green- house gases from the **electricity generation** (power) sector, **by 100%, ie almost zero emissions by 2025**

Tuvalu's indicative quantified economy-wide target for a reduction in total emissions of GHGs from the entire **energy sector to 60% below 2010 levels by 2025**

What are the Government's plans and priorities for offshore wind and floating solar PV? What are the actions that are required to deploy these technologies?

Tuvalu priorities going offshore

Land issues

Offshore floating solar PV in
Nukufetau island

Floating solar PV in a Tafua pond on
the Capital



What are the research opportunities in Pacific SIDS?

Offshore wind and floating solar PV is the future

Research has been conducted on inland wind potential and it deemed viable

No research has been on the offshore wind and solar PV (fixed or floating foundation)

Possibility to have offshore farms on atoll islands with lagoon islands

What are the partnerships that are lacking?

Funding, funding, funding

Research work on the possibility of these



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