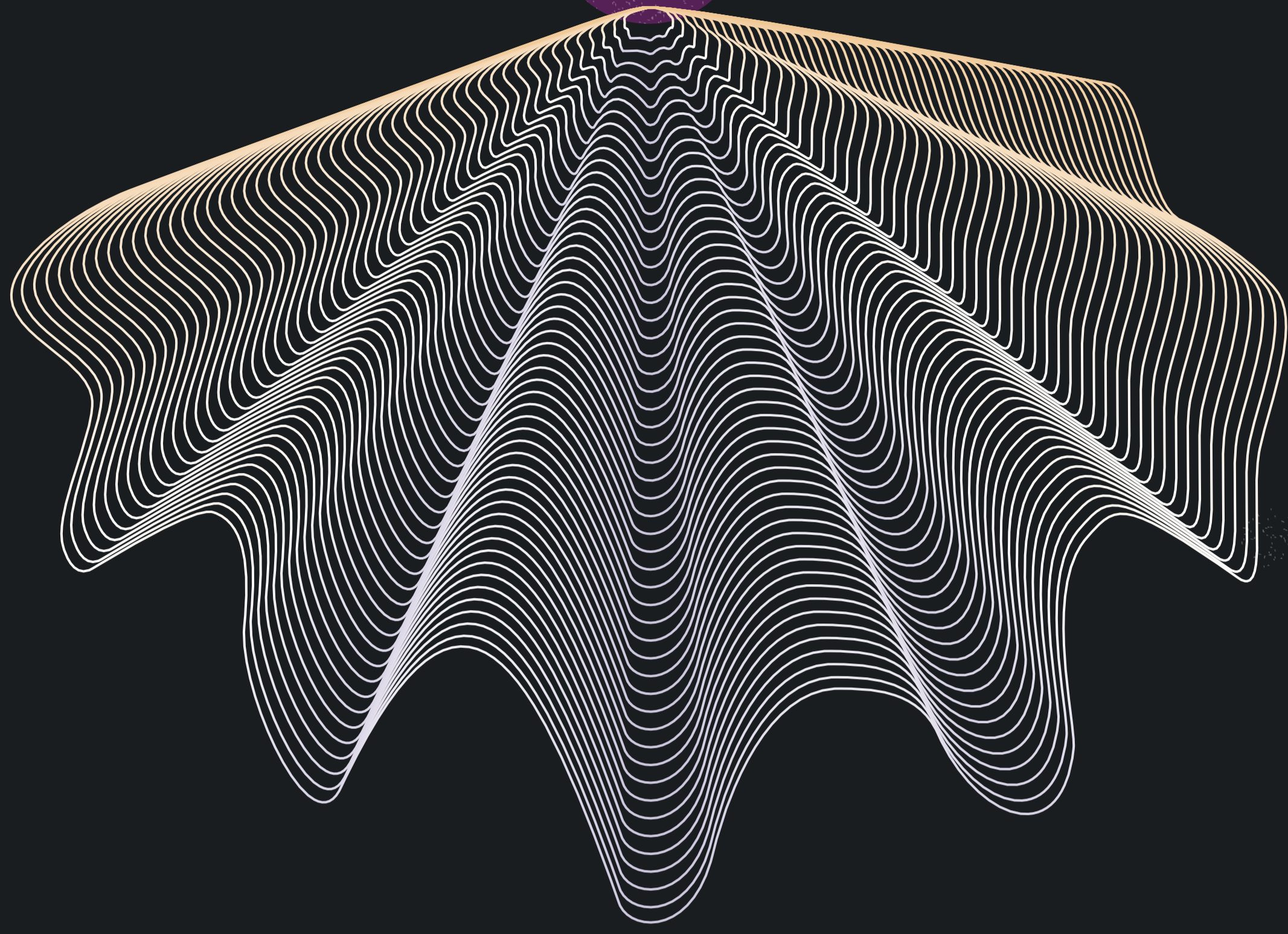


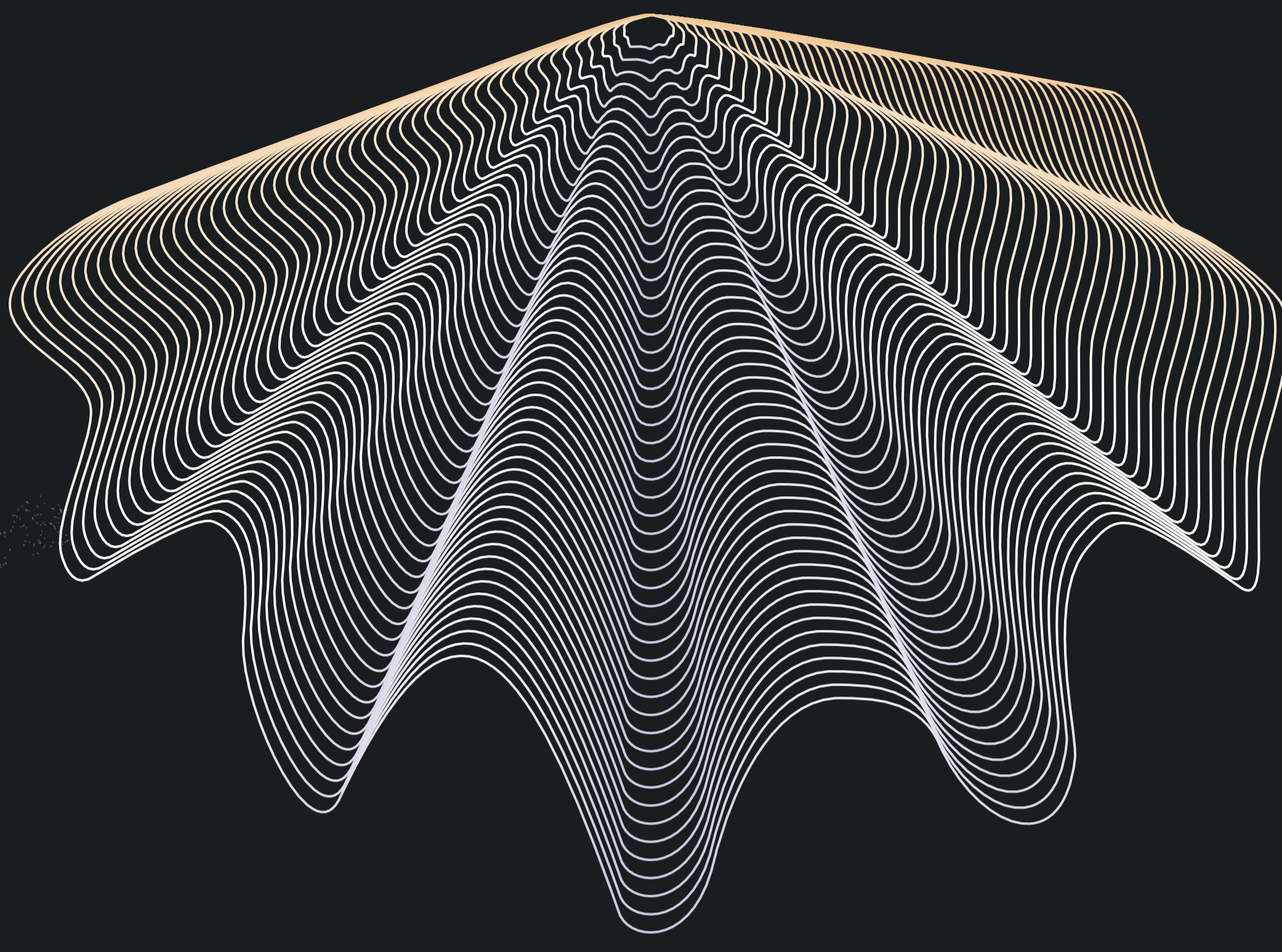
Papua New Guinea

51% | 33W/capita



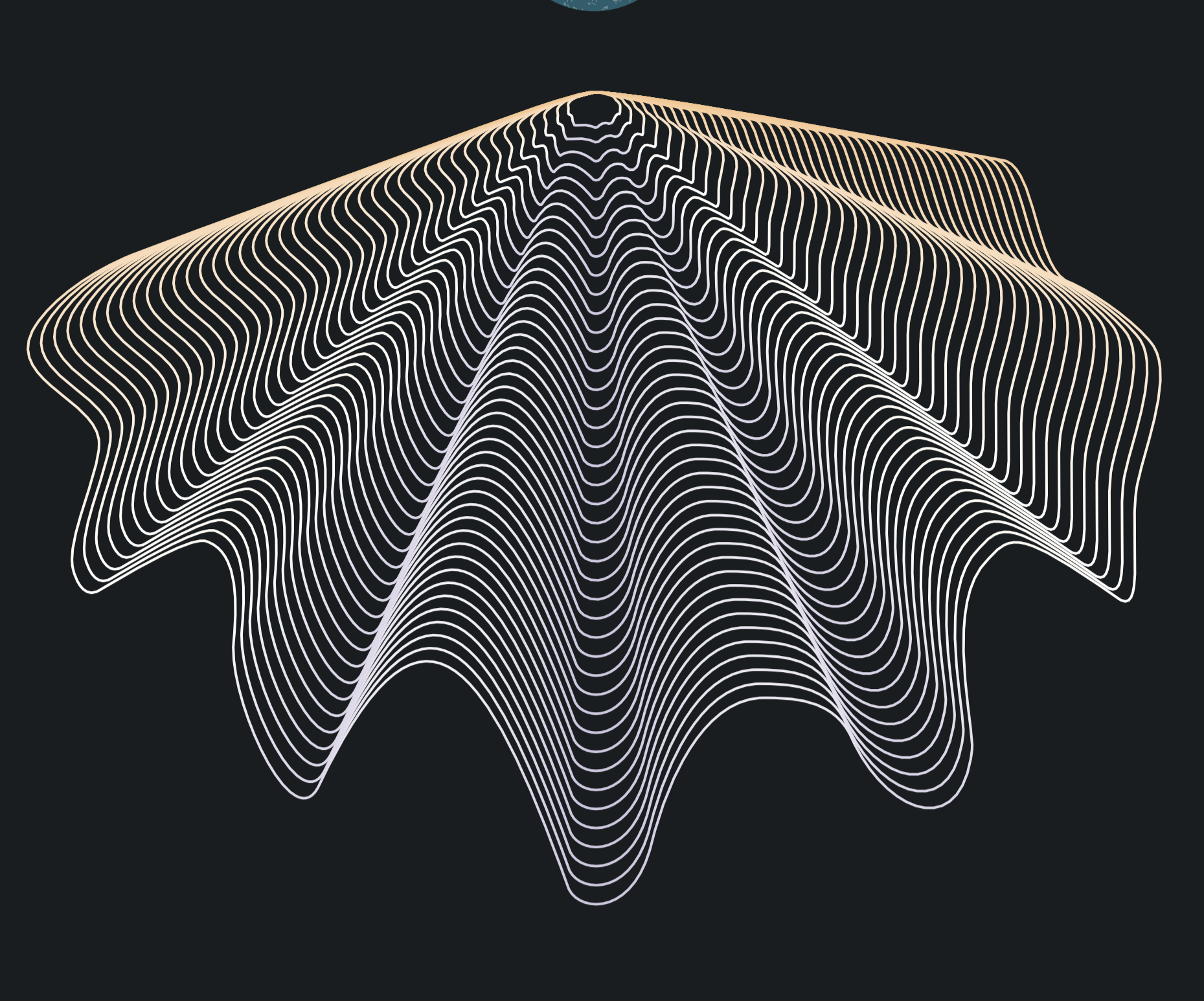
Solomon Islands

50% | 7W/capita



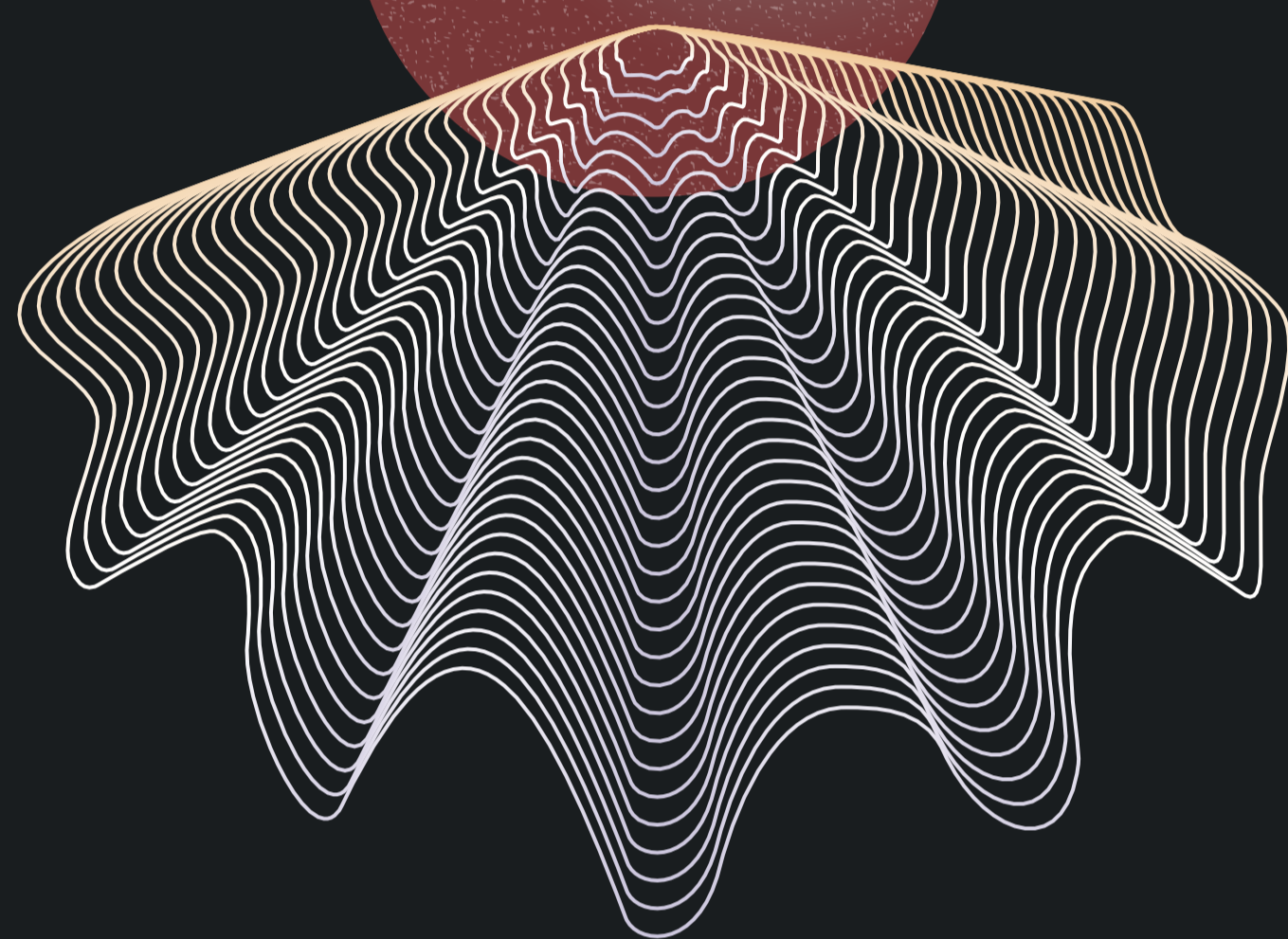
Kiribati

42% | 24W/capita



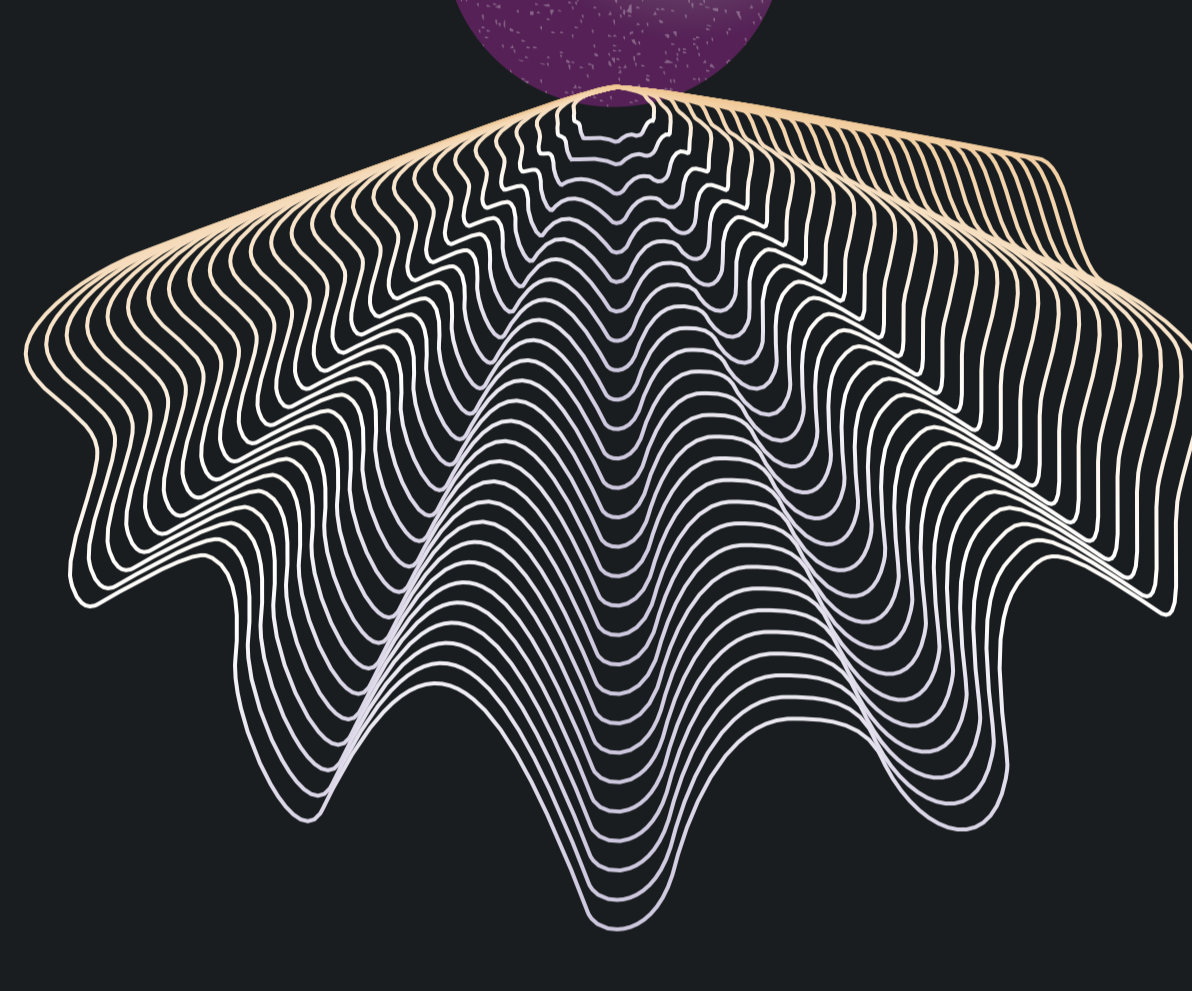
Samoa

32% | 131W/capita



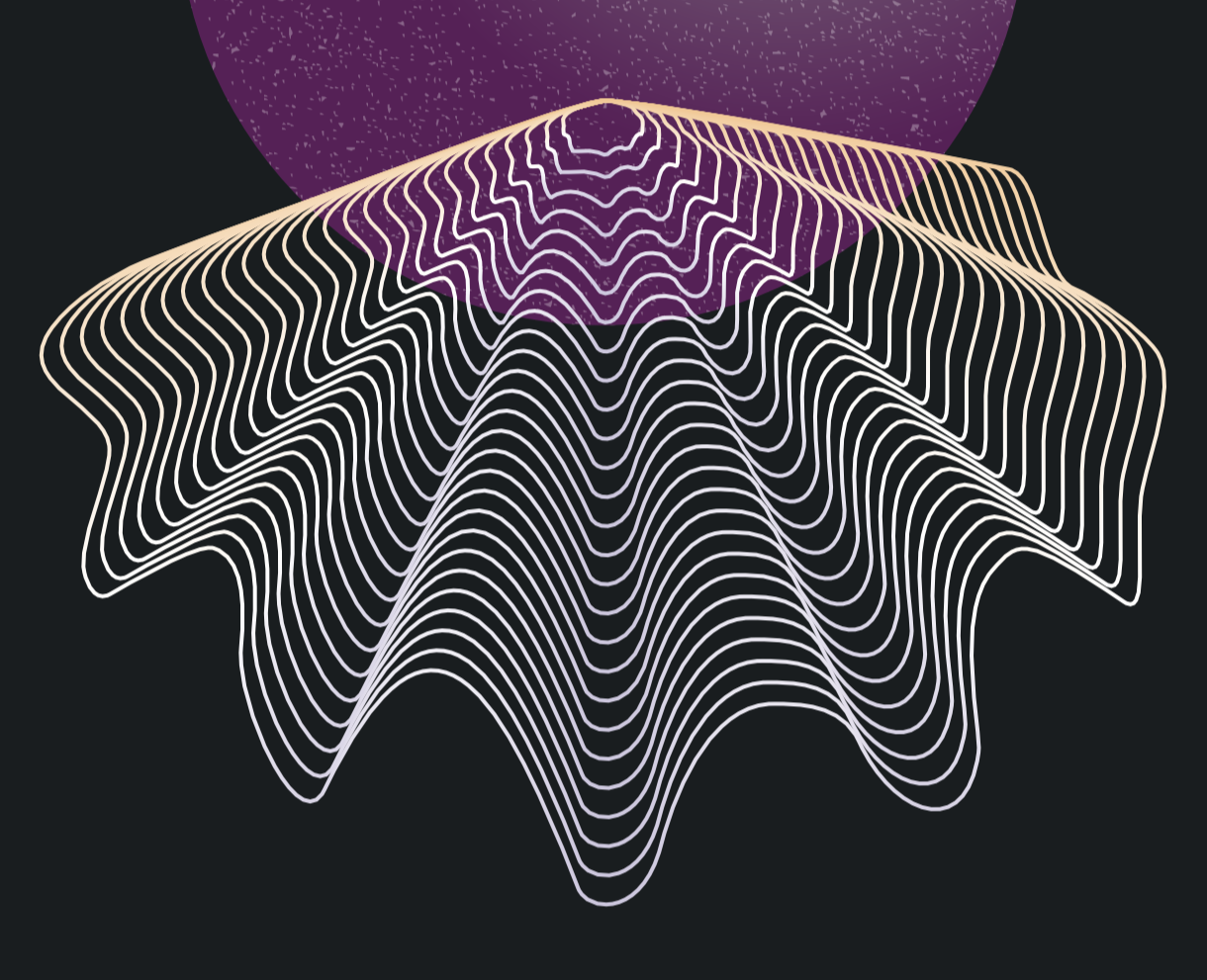
Vanuatu

28% | 37W/capita



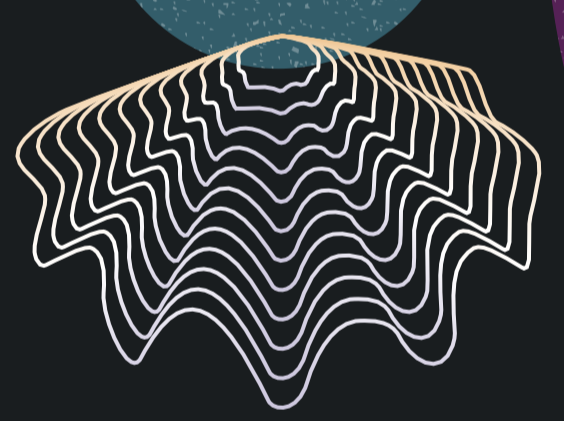
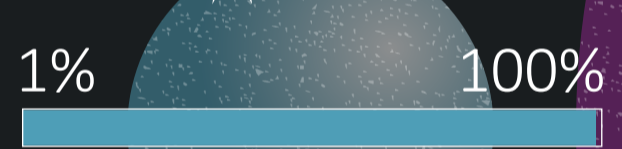
Fiji

27% | 236W/capita



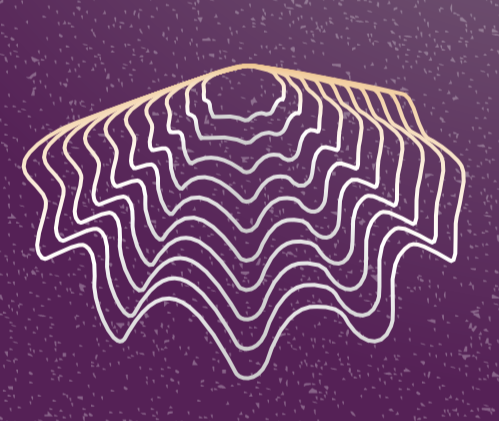
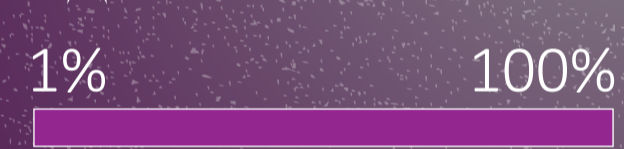
Marshall Islands

12% | 43W/capita



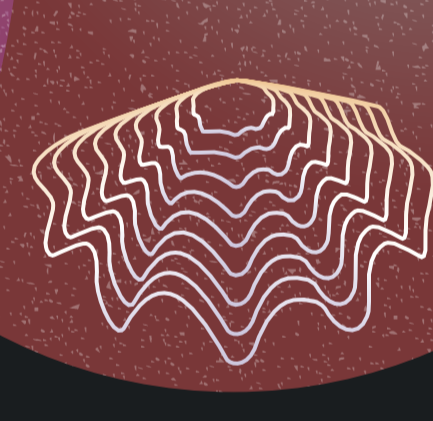
New Caledonia

10% | 879W/capita



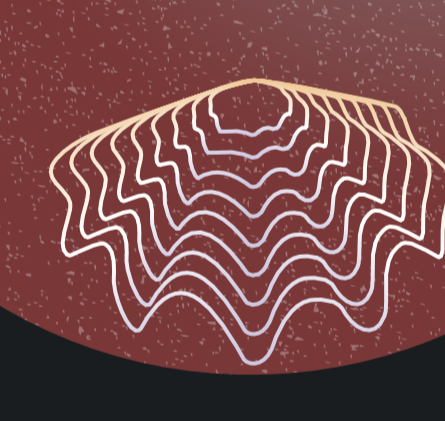
Cook Islands

9% | 327W/capita



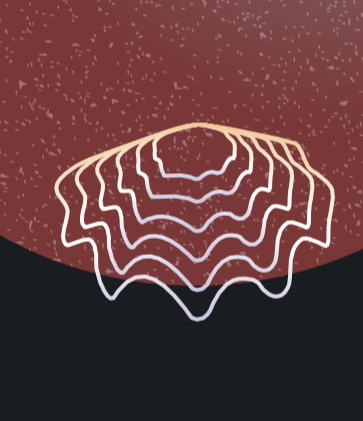
French Polynesia

9% | 305W/capita



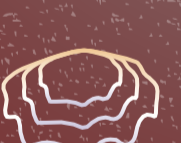
Tuvalu

6% | 204W/capita



Niue

3% | 487W/capita



Micronesia [FSM]

2% | 39W/capita



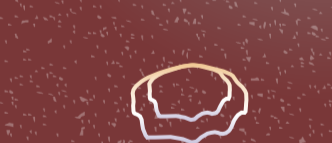
Nauru

2% | 250W/capita



Tonga

2% | 141W/capita



Palau

1% | 240W/capita



Mapping renewable energy in the Blue Pacific 2050

This visual explores the energy transition across countries and territories covered by the Blue Pacific 2050: Climate Change and Disasters indicator set, specifically focusing on energy transition and mitigation. It highlights two key metrics: the renewable energy share in total final energy consumption and installed renewable electricity-generating capacity per capita [2022]. The Tridacna shell serves as a visual metaphor for strength, sustainability, and layered transformation. Each shell's rings reflect the renewable share, while the coloured circle beneath scales installed capacity per person and is colour-coded by subregion. Icons show renewable types and electricity access. The chart reveals nuanced patterns: countries with high capacity don't always achieve a high share of renewables, and some with near-universal electricity access still rely heavily on fossil fuels. These contrasts reflect the diverse pathways Pacific nations take towards clean energy, shaped by infrastructure, geography, and political will. Renewable energy data are from 2022 and may not capture the latest developments. Electricity access data come from Thematic Area 4 [Blue Pacific 2050]; 2020 values were used throughout to ensure comparability despite uneven data availability.

How to read this chart:

Country/Territory

10% | 50W/capita



Renewable share [% of total energy mix] and installed renewable capacity [W/capita]

Icons show all renewable types used; filled icon = main source

Bar length = % of population with electricity access

Solar

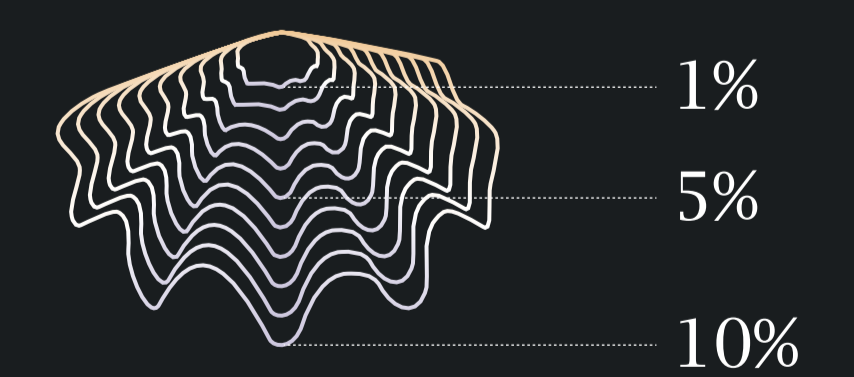
Hydropower

Bio

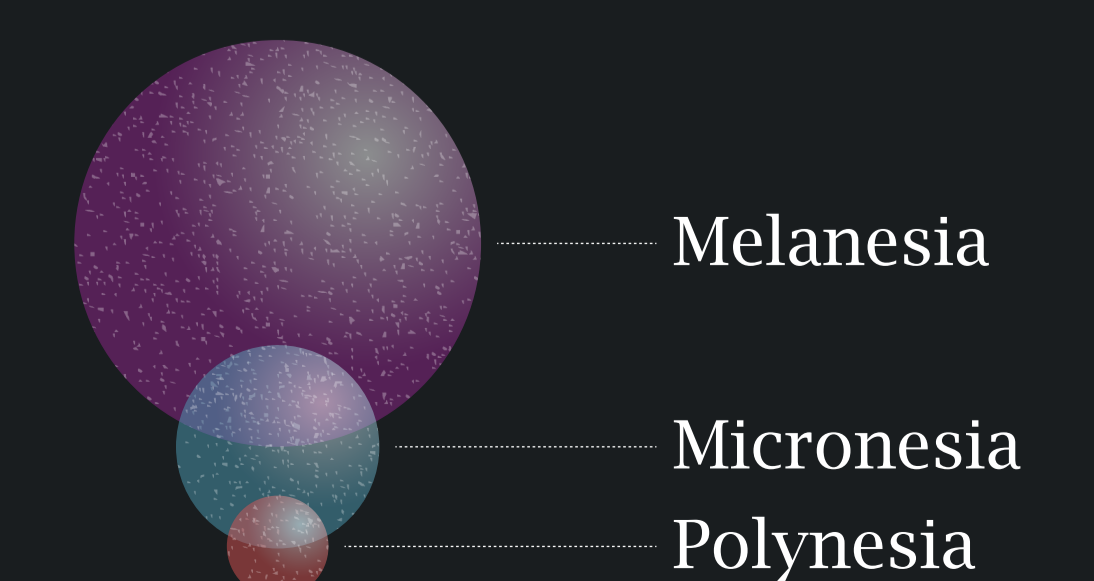
Geothermal

Wind

Number of rings = % of renewable energy in total energy mix



Size of the circle = installed renewable electricity-generating capacity per capita; Colour of the circle = subregion



Author: Polina Korneeva, July 2025.

Data sources: Renewable energy share, installed renewable capacity, and renewable energy types: Pacific Data Hub - Blue Pacific 2050 Indicators: Thematic Area 5 - Climate Change and Disasters. <https://stats.pacificdata.org/>; Electricity access (% of population): Pacific Data Hub - Blue Pacific 2050 Indicators: Thematic Area 4 - Resources and Economic Development. <https://stats.pacificdata.org/>.