SpeichermÃ¶glichkeiten fÃ¼r strom Vanuatu

Does Vanuatu need a solar lantern?
A large percentage of this same population lack any access to energy at all, the exception being a solar lantern, or two, to illuminate their rural communities. In its National Energy Road Map (NERM), Vanuatu aims to achieve 100 percent electrification with renewable energy by 2030.

How has re-sat impacted Vanuatu?
The impact that RE-SAT has had in Vanuatu is the ability to explore potential scenarios to achieve their ambitious renewable energy targets of 100% by 2030. RE-SAT is currently used to identify potential sites for the next 5 MWp solar PV projects to be constructed in the next 2 to 3 years.

Is solar a good idea for Vanuatu?
Antony Garae,Director of the Vanuatu Department of Energy,said this project is a great boon to his country,where 80 percent of rural residents lack electricity. "Solar is the best solutionfor these areas not only because of its obvious contributions to climate change mitigation but because fuel is costly and difficult to transport," he said.

Will Vanuatu electrify most inhabited islands?
Access to reliable and sustainable electricity supply is a game-changer for remote communities,and the Government of Vanuatu is planning to embark on a comprehensive programme which will electrify most inhabited islandsin Vanuatu through renewable energy. Click here for more information on our work in Vanuatu. Key points of the project:

Will a new solar micro-grid change Vanuatu's lives?
(Photo: Ian Iercet) On the remote island of Malekula,the second-largest island in Vanuatu,a new solar micro-grid is changing the lives of over 2,800 people- boosting local development while contributing to Vanuatu's sector specific target of transitioning to close to 100 percent renewable energy for electricity by 2030.

Where is Vanuatu located?
Vanuatu is situated along the Pacific Rim volcanic beltand strong earthquakes (magnitude 7 and above) occur frequently. The population of Vanuatu was estimated at 307,1503 in 2020 with 75% of the population living in rural areas.

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and islands needing electricity, hindering development and forcing the use of fossil fuels for lighting. Only 20 percent of Vanuatu"s rural residents have access to electricity.

in Vanuatu as at end of 2021 stood at 33.26MW compared to 31.95MW at the end of 2016, -as shown in Figure 1 below. Appendix 13.1 provides more details of installed capacity per service area. Figure 1: Generation capacity in Vanuatu Source: ...

In Vanuatu, the electricity consumption patterns for 2022 reveal an overwhelming reliance on fossil fuels, with clean energy sources contributing close to none to the overall electric generation. The country"s electricity usage stands at quite low levels compared to the global average, significantly below the 3606 watts per person seen worldwide.

Im Jahr 2022 lag der Stromverbrauch in Vanuatu weit unter dem globalen Durchschnitt von 3606 Watt pro Person. Der Anteil der kohlenstoffarmen Energie, der in vielen Ländern eine wesentliche Rolle bei der nachhaltigen Stromerzeugung spielt, ist in Vanuatu nicht signifikant, da es keine relevanten Beiträge von Wind -, Solar - oder Kernenergie gab.

For Vanuatu specifically, RE-SAT is: o Supporting the national planning process to facilitate the targeted increase in the use of renewable energy in Vanuatu to 65% by 2020 and 100% by 2030. o Enabling the Government and power organisations to leverage the tools, knowledge and

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Die Regierung des südpazifischen Inselstaats stellt 1.2 Millionen US-Dollar (1.1 Millionen Euro) für den Ausbau bereit. Mit dem Geld will die Regierung neue Stromkabel mit einer Länge von 79 Kilometern verlegen, um Bewohner der Inseln Malekula und Espiritu Santo mit klimafreundlichem Strom zu

versorgen.

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