

Why is Samoa launching a new electricity source?

The launching of a new electricity source that will benefit up to 5,000 families on the north-western side of the island of Upolu, is a milestone for Samoa's renewable energy efforts. It is also a significant contribution to the country's climate action commitments.

Could Samoa's electricity system Go Green?

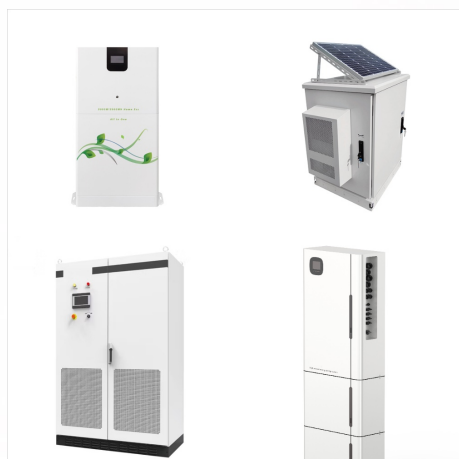
The future of Samoa's electricity system could go green, a University of Otago study has shown. Pacific Island nations are particularly susceptible to climate change and face high costs and energy security issues from imported fossil fuels. For these reasons many Pacific Island nations have developed ambitious 100 per cent renewable energy targets.

What will Ino-hub energy do?

And it will be an achievement by INO-HUB Energy. We have announced the construction of the first such factory in Slovakia, Kysucké Nové Mesto. Right next door, a top-notch development and testing centre will also be built, where we will further improve our technologies.

What's new at IO-Hub energy?

At INO-HUB Energy, our team is always looking into the future. We've already started a new, fascinating project called AORTA+, which combines a new type of redox flow battery with an advanced energy management system powered by artificial intelligence. This battery has also gained support from the European Commission through the IPCEI project.



Predkladaný projekt tvorí prvý fázu IPCEI projektu INO-HUB Energy notifikovaný Európskou komisiou. Cieľom projektu je vykonávať inovácie v oblasti výskumu, vývoja a inovácií v oblasti prietokových batérií a systémov potrebných pre komerčné nasadenie pilotného energetického centra s plnou funkcionalitou a flexibilným systémom riadenia energie (EMS) s prvkami umelej



The renewable energy project report states that the vulnerable people of Samoa will receive subsidized electricity tariffs and secure energy for all residents, creating social inclusion to help develop income generation models for the poorest project participants. The projects are established on existing sites with any that required land



6 ? MANILA, PHILIPPINES (10 December 2024)
 ??? The Asian Development Bank (ADB) has signed a transaction advisory services agreement with Samoa's Electric Power Corporation (EPC) to support the development of a solar photovoltaic and battery energy storage systems with installations planned for the country's two largest islands, Upolu and Savai'i.



Transitioning Samoa to switch to renewable energy sources by 2025 has been affected by the COVID-19 pandemic but progress is being made to make the deadline. Electric Power Corporation (E.P.C.) graduate engineer, Nicc Moeono, has been working to transition the country to move to clean energy and will make a presentation on hydro energy at the



Pavol has extensive experience in the field of energy. He started his working career at Stredoslovensk? distribu??n?, a.s. During his time in this company, he held several positions focused on the maintenance, operation, and management of the distribution system. He was responsible for the repair and maintenance of transformers. Subsequently, as the director of ???



Spolok slovensk?ch univerz?t spustil testovanie bat?rie spolo??nosti INO-HUB Energy. Z?merom je vytvori?? plnohodnotn? model redoxnej prietokovej bat?rie s potenci?lom s?rrovej v?roby do bud?cnosti. V?hodou prietokovej technol?gie je lep??ia hustota elektrolytu a efektivita ako pri tradi??n?ch bat?ri?ch. ? 1/2 ivotnos?? takejto bat?rie m?? 3/4 e dosahova?? 25 rokov.



Peter brings almost 20 years of experience in the automotive sector. Peter's career spans from Volkswagen Group, Jaguar Land Rover, DHL EXEL, where he served as Business Unit Director responsible for internal logistics and the business unit at the Volkswagen Slovakia plant. Part of his career was the 5-year development of distribution logistics in Slovakia, [???



The INO-HUB R& D team visited again Kosice, first the meeting with UPJS took place. During this meeting, a brief introduction to the field of RFB was depicted by InoHub experts. Headquarters: INO-HUB Energy j.s.a., Tomšikova 30, 821 01 Bratislava, Slovakia; R& D: Kukuřkova 2734 024 01 Kysucké Nové Město; E-mail sales@inohub.sk; About



During his studies, Milan's research field was data science and machine learning methods in the energy and transport domain, primarily focused on electric vehicle charging. Headquarters: INO-HUB Energy j.s.a., Tomšikova 30, 821 01 Bratislava, Slovakia; R& D: Kukuřkova 2734 024 01 Kysucké Nové Město; E-mail sales@inohub.sk; About us



Samoa NDC Commitment Low Carbon Energy Transition Roadmap | Samoa Case Study AFOLU Waste IPPU 3% Electricity 13% Transport 27% Others 10% Energy Sector (50%) Samoa's 2nd NDC (2021) aims to cut GHG emissions by 26% by 2030, out of which Energy sector targets 30% reduction from 2007 0 50 100 150 200 250 300 350 400 2007 Baseline 2030 Target in



Samoa will still reach its goal to have the electricity grid powered by 70 per cent renewable energy by 2031, says Electric Power Corporation (E.P.C.), despite the economic challenges brought on by the pandemic and ???



In a collaborative effort with the Technical University of Ko??ice, INO-HUB successfully designed and produced all the components of the second version of the INO-HUB small laboratory cell with a 50 cm 2 electrode area. Modifications included a reduction in the amount of sealing material required and adjustments to flow channels, simplifying



Rudolf has extensive experience from various executive, financial, industrial and investment banking roles. He began his career at Investment Bank Austria, later at Gasfin where oversaw designing of hedging, trading, and investment strategies. Later, Rudolf was leading M& A transactions, performing business counseling with aim of maximizing future economic benefit. ???



first Experimental Energy Account for Samoa using the 2016 Samoa Energy Review by the Ministry of Finance. The Energy Accounts 2020 presents estimates on physical supply and use of energy (in joules¹) for Samoa. Figure 1 highlights the Physical Energy Flows for Samoa, 2020.



developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided