

# East Timor Industrial Energy Storage Project

Is the Bayu Undan gas field in East Timor good for CO2 storage?

The two companies, as well as Inpex and SK E&S already operate the Bayu Undan gas field in East Timor, which is seen as having good geological conditions for CO 2 storage.

What will happen to East Timor's Oil and gas revenues?

East Timor's revenue from Bayu Undan oil and gas was more than \$170 million per month during the first quarter of 2022, but those revenues will disappear once Santos shuts down production, which it is aiming to do as fast as possible.

What are the barriers to the CCS project offshore East Timor?

Robertson said there were several barriers to the CCS project offshore East Timor, also known as Timor Leste, proceeding. Including, firstly, a long and expensive pipeline will need to be built to ship the carbon dioxide (CO2) from Barossa or the LNG facility in Darwin, northern Australia, to Bayu Undan.

Will Santos bury carbon dioxide under ageing gas fields in Timor-Leste?

Australian energy giant Santos has signed a deal with Timor-Leste authorities to advance a project designed to bury carbon dioxide beneath ageing gas fields in the Timor Sea.

What will East Timor do with the Bayu Undan CCS hub?

Ultimately, East Timor hopes to generate a storage fee and acquire carbon credits for the proposed Bayu Undan CCS hub.

Will Santos decommission its FSO facility in East Timor?

Santos (ASX: STO) is preparing to decommission the floating storage and offloading (FSO) facility, as well as platforms, at Bayu Undan offshore East Timor, as soon as possible, as it accelerates plans for the giant CCS hub at the mature field.

List of energy storage container Manufacturers serving East Timor

Current: The off-grid solar market in Timor-Leste is primarily driven by rural households and communities lacking access to the national grid. Demand is increasing as awareness of solar energy solutions grows. 5 The majority of ...

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Recent examples include US\$24 million in World Bank guarantees for equity and shareholder loan investments into a solar-plus-storage project in Malawi, which also received a US\$25 million DFC loan guarantee, a tender launched in August in the Maldives for 40MWh of BESS and energy management system (EMS) contracts for 18 islands supported by the ...

Timor Gap is the majority shareholder in the Greater Sunrise LNG project, presently in the concept select phase. The Australian government is pressing for more action after years of stalled progress with concerns China could instead develop the field in partnership with East Timor. Greater Sunrise partners Timor Gap with 56.56pc, Australian ...

Australia's Santos and Italy's Eni are investigating options to re-purpose the Bayu Undan facilities to extend the life of the project, including a carbon capture and storage (CCS) scheme.

We provide real time updates on current and upcoming tender submissions for grid-scale/utility scale energy storage system (ESS) projects in Timor Leste, including project requirements, ...

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East Timor Energy Storage Project Tender Announcement The launch of this first tender aimed to co-locate energy storage with other renewable sources, mainly solar PV, and aimed to fund at least 600MW of projects with a fund of EUR150 million (US\$162 million) in ...

Transport and storage infrastructure for CO<sub>2</sub> is the backbone of the carbon management industry. Planned capacities for CO<sub>2</sub> transport and storage surged dramatically in the past year, with around 260 Mt CO<sub>2</sub> of new annual storage capacity announced since February 2023, and similar capacities for connecting infrastructure. Based on the existing project pipeline, ...

The majority of East Timor's power supply is based on imported oil for diesel power generation, while fuel wood supplies the majority of energy used by East Timorese. Nearly all of the electricity grid was destroyed during ...

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