# SOLAR PRO.

### **Timor-Leste offshore energy storage**

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

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

Who owns the Bayu-Undan gas & condensate field in Timor-Leste?

The Santos-led owners of the Bayu-Undan gas and condensate field offshore the Timor Sea have signed an agreement with the Timor-Leste petroleum regulator to progress carbon capture and storage at the field.

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.

Does Santos have a stake in Timor-Leste Oil Project?

The upstream project comprises an offshore petroleum field and associated production and processing facilities in Timor-Leste. Santos' stake in the project will decrease from 43.4% to 36.5%. Credit: T. Schneider via Shutterstock.

Does Timor-Leste have jurisdiction over the Bayu-Undan oil pipeline?

As per the treaty, Timor-Leste has sole jurisdiction over the Bayu-Undan upstream facilities and contract area, the export pipeline from Bayu-Undan to Darwin LPG falls under Australia's jurisdiction. The Bayu-Undan field produced 114,000 barrels of oil equivalent a day (boed) in 2019.

Is Timor-Leste a carbon free country?

Soares said that despite Timor-Leste being one of the lowest emission countries in the worldand that the Paris Agreement provides waiver or concession to the developing and less developed nation such as Timor-Leste: "We understand that carbon trading or carbon credit market is an integral part of our future economy."

The Bayu-Undan is a shallow-water field located in 80m-deep waters, approximately 250km southeast off the coast of Suai, Timor-Leste, in the Timor Sea. The field is situated approximately 500km northwest off the coast of Darwin, Australia.

Santos has plans to collaborate with Timor-Leste and the JV partners to repurpose the Bayu-Undan site into a major commercial carbon capture and storage project after the cessation of petroleum production.

Santos and its Bayu-Undan joint venture partners have signed an MOU with TIMOR GAP to explore opportunities for the proposed Bayu-Undan carbon capture and ...

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Australian energy giant Santos and SK E& S, a Korean energy company, will pool resources on cross-border carbon capture and storage (CCS) solutions, aiming to position Australia at the top of the list of countries working to assist Asia in lowering its carbon footprint.

Australian energy giant Santos has signed a Memorandum of Understanding (MOU) with the Timor-Leste regulator Autoridade Nacional do Petróleo e Minerais (ANPM) to progress carbon capture and storage (CCS) at Bayu-Undan gas and condensate field located in ...

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He said the project will enable Timor-Leste and Australia to exploit its untapped resources in meeting energy as well as offsetting its carbon emissions and transitioning towards carbon-neutral economies.

We'll provide front-end engineering and design (FEED) services for the Bayu-Undan offshore facilities and pipeline. This includes converting the offshore facility from hydrocarbons production to carbon dioxide injection plus ...

Australian energy giant Santos and its joint venture partners have inked a memorandum of understanding (MOU) with Timor-Leste's national oil company, TIMOR GAP, to explore partnership opportunities for a proposed carbon capture and storage (CCS) project at a gas and condensate field in the Timor Sea.

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We'll provide front-end engineering and design (FEED) services for the Bayu-Undan offshore facilities and pipeline. This includes converting the offshore facility from hydrocarbons production to carbon dioxide injection plus repurposing the offshore gas export pipeline to carbon dioxide service.

Santos has signed agreements with four potential customers for CO2 storage at the Bayu-Undan carbon capture and storage (CCS) project offshore Timor-Leste.

ADELAIDE, Australia -- Santos and its partners have signed a memorandum of understanding (MoU) with Timor-Leste"s national oil company TIMOR GAP to explore joint opportunities for the proposed Bayu-Undan carbon capture and storage (CCS) project in ...

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