

What is the legal framework for the energy transition in Venezuela?

The legal framework for the energy transition in Venezuela is also undefined. A renewable and alternative energies bill has been awaiting discussion in the country's national assembly since 2021. The bill could open the door to private investment in the renewables sector, but its first debate in Venezuela's legislative plenary is yet to take place.

How to overcome Venezuela's electricity crisis?

The reasons behind the collapse of Venezuela's electricity sector are multifactorial and widely described in the literature. However, there is a lack of discussion on how to overcome the electricity crisis, considering the new opportunities provided by the ongoing energy transition paradigm.

Should Venezuela build a decarbonized electricity matrix?

However, there is a lack of insight about the economic and environmental opportunities of building a decarbonized electricity matrix in account of the existence of huge renewable energy resources. Fulfilling a balance between reconstructing Venezuela's historic electricity system and building a new decarbonized system is of major significance.

Should Venezuela's energy transition be left to PDVSA?

Antonio De Lisio, a geographer and researcher in development studies at the Central University of Venezuela (UCV), tells Dialogue Earth that a wider, more profound debate on the country's energy transition is needed: "The problem of energy transition should not be left to PDVSA alone.

At the end of January, the Chinese ambassador to Caracas, Lan Hu, held a meeting with PDVSA's then-president Pedro Tellechea - since appointed as Venezuela's petroleum minister. ...

The Caracas Energy Storage Investment Project Online Platform represents a transformative opportunity to modernize Venezuela's energy infrastructure. As cities worldwide adopt renewable ...

In this paper, a review of existing views to recover the Venezuela's electricity system is provided. Particular attention is given to contributions that evaluate the opportunities given by the ...

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Caracas energy transition

Background: Venezuela faces critical challenges in its transition to a sustainable energy matrix, due to its historical dependence on hydrocarbons, economic instability and the obsolescence ...

The project seeks to strengthen technical and policymaking capacities to design and implement energy strategies that address the challenges of the energy transition and capitalize on its ...

Furthermore, during 2025, renewable energy use rose by around 25%, primarily in Caracas, La Guaira and Nueva Esparta, focusing on solar panels and electric mobility, according to ...

CARACAS, Venezuela--For over a century, energy-rich Venezuela has benefited economically, mainly from producing crude oil. But amid a race to net zero emissions by mid-century, ...

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