

Sustainability assessment provides essential information to facilitate informed decision-making, enabling the selecting of the best option among various projects. This research paper considers the decision-making problem in the context of marginalised and isolated communities, introducing a groupal model for evaluating the sustainability of small-scale power ...

The Latin America Energy Outlook, the International Energy Agency's first in-depth and comprehensive assessment of Latin America and the Caribbean, builds on decades of collaboration with partners support of the ...

Introduction. Rice cultivation began approximately 10,000 years ago in various regions of Asia and has become the second largest crop worldwide after wheat. Between 2013 and 2019, Colombia ranked as the 22nd highest rice-producing country in the world, with an average production of 2.71 million tons according to data from the Food and Agriculture ...

The energy sector in Colombia accounts for one-third of the country's net emissions [1], with transport, power generation and industry being the primary contributors to GHG emissions in the energy sector. In this context, Colombia is one of the 11 most vulnerable countries to global warming and climate change [2], and is committed to achieving carbon ...

GDP, the energy mix of Colombia is largely dominated by fossil fuels, as more than 78% of Colombian energy supply comes from coal, natural gas and oil (Figure 1) (The World Bank, 2018). The main sources of electricity generation are hydro, natural gas and coal, with the installed supply capacity in 2015 at the level of 16.5 GW. Since the

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In 2020-2021, in response to the COVID 19 pandemic, Colombia has committed at least USD 1.57 billion to supporting different energy types through new or amended policies, according to official government sources and other publicly available information. These public money commitments include: At least USD 613.74

million for unconditional fossil fuels through 16 ...

Noul furnizor de energie electric?, prin intermediul c?ruia ru?ii de la Lukoil intr? pe pia?a rom&#226;neasc? se nume?te Sustainable Energy Supply North SRL, ?i are sediul &#238;n ...

Colombia has one of the largest installed hydropower capacities in South America. For years, as much as 77 percent of Colombia's electricity supply came from hydropower, but droughts intensified by the climate crisis made hydropower less reliable. Temperature increases and changes in precipitation patterns will likely lead to water shortages in Colombia.

The Colombian World Energy Council Member Committee aims to study and implement of projects aimed mainly at the rational use of energy resources in all its aspects, in order to promote sustainable energy development. These projects consider the production, transportation, distribution, marketing and use of energy for maximum benefit, taking into consideration global ...

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The sustainable aviation fuel (SAF) working group in Colombia was convened under the SAF Global Supply Chain Development project (Project A93) led by the Federal Aviation Administration's (FAA) Center of Excellence for Alternative Jet Fuels and Environment, also termed the Aviation Sustainability Center of Excellence (ASCENT) and executed by ...

Colombia, like many other low and middle-income countries, faces an electricity access deficit. Even where access is available, many off-grid communities are only provided with a few hours of service, typically using diesel, which is expensive and polluting ing a system dynamics model, this paper investigates how a sustainable and durable electricity supply can ...

How to become a renewable energy powerhouse? By realizing multiple, diverse clean energy projects the North Sea has become a hotspot for green innovation and a blueprint for decarbonization in many other parts of the world.

The country's 2023 Renewable Energy Integration Investment Plan aims to make Colombia's energy system more resilient, increase its solar and wind capacity, and expand energy access ...

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