



Adam Tas Corridor Energy

Energy Internet Promotes Environmental Governance



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Overview

The study found that the construction of digital government has a positive role in promoting urban energy conservation and emission reduction, and this positive impact is mainly achieved by promoting green technology innovation and strengthening environmental regulation;. Frontier studies have focused on the environmental performance of traditional infrastructure, but have generally neglected the effects and mechanisms of digital infrastructure on energy-environmental efficiency. In recent years, the "National Pilot Policy of Information Benefiting the People" has become a key measure for big data to empower government governance, accelerate the improvement of public service levels and equalization of public services.



Energy Internet Promotes Environmental Governance



Can energy internet improve corporate ESG performance?

The study found that, firstly, Energy Internet can markedly enhance ESG performance of high energy-consuming companies.

Can digital governance promote urban energy

The article selects panel data from 283 cities in China between 2006 and 2021. Based on the difference-in-difference method, it aims to explore the



Making the internet globally sustainable: Technical and policy options

We analyze a series of 40 solutions for eco-friendly design or green datacenter management across the entire lifecycle. Both policymakers and the technology industry need to do

Energy Internet: A Novel Green Roadmap for Meeting the Global Energy

Energy Internet has caught an attention of the



global academic community, and it is being implemented actively. This paper describes the basic features and the key structure of Energy Internet, proposes a



Research on the Impact and Mechanism of Digital Technology on

However, the effects of digital technology on synergistic governance of pollution and carbon reduction are heterogeneous. Digital technology has a more pronounced positive impact in

Making the internet globally sustainable: Technical and policy options

Making the internet globally sustainable: Technical and policy options for improved energy management, governance and community acceptance of Nordic datacenters



Frontiers , The impact of digital infrastructure on energy

The empirical results show that digital infrastructure promotes energy-environmental efficiency, which remains robust after a series of tests.



Governance policy of digitalization in the energy sector

In the evolving landscape of energy, digitalization serves a dual purpose: it enhances energy governance mechanisms while also requiring stringent governance over the digital components

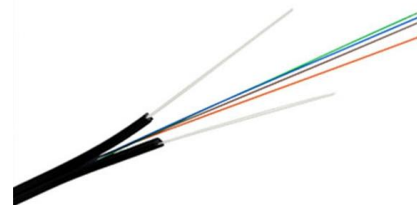


The synergistic effect of digital economy and

In the context of escalating global climate change, cities play a crucial role in promoting green transformation, ecological construction, and achieving

What is Energy Internet? Concepts, Technologies, and Future Directions

The climate change crisis, exacerbated by the global dependency of fossil fuels, has brought significant challenges. In the medium to long term, extensive renewable-energy-based



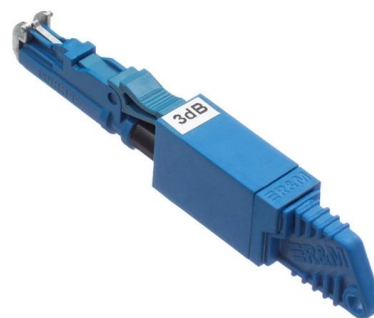
Applications of the Internet of Things in Renewable

The integration of the Internet of Things (IoT) with renewable energy technologies is revolutionizing modern power systems by enhancing efficiency,



Energy infrastructure transitions and environmental governance

What land uses are displaced and with what socio-ecological implications? This collection pulls together insights from environmental and land governance, ethnographic studies of situated



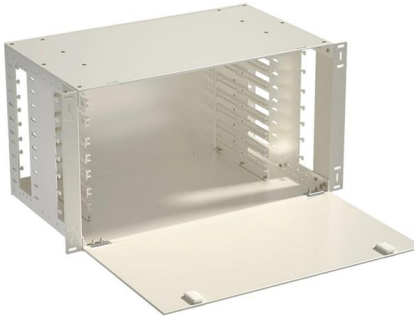
Digitalization and environment governance: does internet development

The results indicate that China's environmental pollution has a significant spatial spillover effect. Internet development can not only significantly reduce local environmental pollution, but also environmental

How does internet development promote urban green

In summary, previous studies have considered the impact of internet development from the perspectives of energy conservation, environmental protection, technological innovation, and



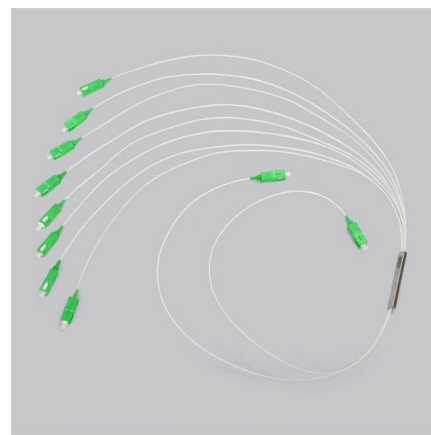


The impact of digital economy on energy transition across the globe

Moreover, the digital economy stimulates the renewable energy transition by promoting governments' governance capabilities. In addition, according to the asymmetric check, the positive

Digitalization and environment governance: does internet development

On this basis, the relationship between internet development and China's energy consumption is investigated and found to be significantly positive; moreover, internet development promotes the



Frontiers , The impact of the digital economy on

Additionally, the digital economy induces a spatial spillover effect on environmental pollution. This promotion of collaborative management between

Digital inclusion to enhance energy sustainability: public

This analysis investigates some of the novel determinants of renewable energy production, such as digital inclusion, public participation, and environmental governance, which have



Digital inclusion to enhance energy sustainability: public

These findings imply that policymakers should try to increase the role of digitalization in society by promoting the IoT and the internet to decouple



(PDF) Does the internet development put pressure on

With the development of information technology application in environmental governance, the role of Internet in improving energy efficiency and



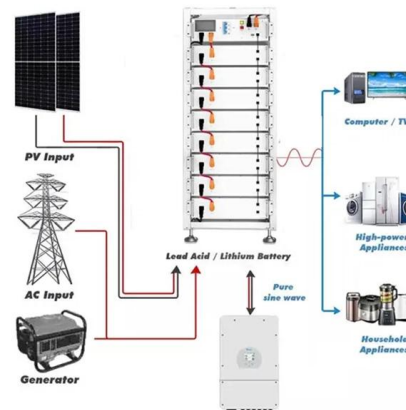
Integrating energy governance and environmental justice: Role of

Renewable energy promotion and the transition to a low carbon economy in all nations necessitate the integration of the complex nature of energy governance and environmental justice



The Impact of Environmental Governance on Energy

The accelerating degradation of the global environment, primarily driven by dependence on fossil fuels, has intensified the urgency for energy



From clicks to change: The role of Internet use in fostering

The purpose of this paper is to explore how Internet use affects an individual's environmental sustainability awareness. To this end, we adopt data fr



Nexus of clean energy internet with energy poverty and health:

(5) Considering the health risks of residents caused by energy poverty, we further prove that the energy internet helps to limit the expansion of deaths from non-communicable chronic





Environmental governance and cleaner energy transition: Evaluating

Though transition toward renewable is in progress in these nations, it is not fast enough and environmental governance needs to restructure environment-related policies that will encourage

Impact of internet use on pro-environmental behaviour mediated by

In the context of sustainable development, Internet technology offers new ideas and approaches for promoting pro-environmental behaviour (PEB) in citizens.



How does information and communication technology affect

Therefore, in the context of environmental difficulties created by traditional fossil fuels, it is critical to accomplish sustainable economic and social development through renewable energy

The impact of digitalization, renewable energy, and natural resources

Effective governance and targeted public spending may accelerate the adoption of green technologies and sustainable energy practices, balancing economic growth with the protection of the



Energy Internet

An example of multi energy system is presented to illustrate that the Energy Internet. The multi energy internet can effectively improve energy efficiency, protect the environment, promote the

Digitalization and environment governance: does internet development

The regression results of the mediation effect indicate that internet development mainly affects environmental pollution by improving technological innovation, industrial upgrading, human capital



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