

An investigation of mass media coverage in nine countries over a period of 15 years shows an increasing discussion of climate change in security terms, with diverging ...

Global energy storage market: H1 2024 installation figures Policy mandates in China have driven the global energy storage market in the first half of 2024 to new highs, backed by the rapid growth in the US market. Meanwhile, Europe posted mixed results. Robin Song, InfoLink Consulting's energy storage analyst, breaks down the figures.

Thus, this study has two aims. The first aim is to examine how the media coverage on renewable energy in countries with different energy supply systems. The second aim is to explain differences in the respective national media coverage based on two different types of influencing factors: (1) national structural conditions and (2) a focusing event.

Flywheel energy storage devices turn surplus electrical energy into kinetic energy in the form of heavy high-velocity spinning wheels. To avoid energy losses, the wheels are kept in a frictionless vacuum by a magnetic field, allowing the spinning to be managed in a way that creates electricity when required.

Our battery energy storage coverage is available as part of the Global Clean Energy Technology service. Try the Global Clean Energy Technology service for yourself Request a free demo. ... Sam analysis and commentary is regularly published by leading PV and energy industry media and the global press. He has also presented at many leading ...

Expansion in the supply of intermittent renewable energy sources on the electricity grid can potentially benefit from implementation of large-scale compressed air energy storage in porous media systems (PM-CAES) such as aquifers and depleted hydrocarbon reservoirs. Despite a large government research program 30 years ago that included a test of ...

The top line: By swapping electricity for fossil fuels in industrial heat generation, ETES provides energy storage that effectively translates intermittent renewable energy into steady supply. The report found that this could solve one of the biggest challenges of decarbonization: how to meet continuous industrial heat demands without ...

Carbon capture and storage (CCS) is regarded as an important bridging technology to a sustainable energy production. Whether it will be deployed on a large scale depends on both technological advances and social processes. ... It is reasonable to argue that media coverage is a useful proxy for public perception, but this was not the focus of ...

Media coverage of energy storage

Energy storage (ES) is a keystone technology for advancing low-carbon energy transitions, yet energy system change continues to be influenced by socio-political acceptance ...

The structure of this paper is organized as follows. In Section 2, the framework of the UES is redefined (e.g., fuel energy including natural gas, hydrogen, and oil; thermal energy; and electric energy) based on two different types of storage space (e.g., porous media, and caverns). The typical characteristics of different branches of the UES system are illustrated in ...

On Friday, the Department of Energy announced that it has selected nine proposals for long-duration energy storage test projects to receive a collective \$ 325 million in funding. The money, mostly allocated by the Bipartisan Infrastructure Law, will go entirely to projects that can deliver stored electricity for a period of 10 hours or more. This type of ...

Media coverage is interpreted as an indicator to what extent energy scenarios are a subject matter of public debate and deliberation about energy policies beyond expert and stakeholder communities. By means of analyzing media coverage of energy scenarios in German newspapers over a period of two decades, the study carves out presence and ...

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Energy Storage. You are currently visiting the SolarEdge Corporate website. Media Coverage. Home / This is SolarEdge / News & Media / Media Coverage . Search by Year. Search . 159 news items found . Reset . Oct. 21, 2024. Yahoo! SolarEdge Announces Early Certification for Europe's Mandatory Cyber Security Requirements for Wireless Connected ...

Energy storage (ES), both grid-scale and behind-the-meter, will depend largely upon domestic acceptance of the technology in the public sphere. Recognizing the role that ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil fuel ...

Since the 2005 launch of Nigeria's Renewable Energy Master Plan, interest in the area has been rising as an alternative to the fossil fuel-based energy sector (Akuru & Okoro, 2014; Nwagbo, 2017). The capacity of renewable energy to augment the grossly inadequate grid electricity, for instance, has been hyped in many quarters, not least the media (Asu, 2018; Efurumibe et al., ...

Comparing media discourse on energy storage in Canada and the United Kingdom in a transition era" by Sara Ganowski et al. ... An investigation of mass media coverage in nine countries over a period of 15 years

Media coverage of energy storage

shows an increasing discussion of climate change in security terms, with diverging trends in the analysed countries. ...

"The Future of Energy Storage," a new multidisciplinary report from the MIT Energy Initiative (MITEI), urges government investment in sophisticated analytical tools for ...

Carbon capture and storage (CCS) technologies are controversially discussed worldwide. Germany is no exception. Here, CO₂ storage is banned, although successful pilot plants were installed in the late 2000s. However, the recent burgeoning political interest in this technology prompts us to investigate why and how the (public) image of CCS technologies has ...

However, Chinese media coverage of health issues (e.g., autism [29]) quoted family members and health professionals frequently, which implies that health issues inherently require medicalization and significant involvement of families. ... The development of energy storage (ES) technology is essential for a sustainable energy transition ...

Sustainability 2022, 14, 7342 2 of 16 monitoring of storage sites, enabled federal states to prohibit CCS, and set 31 December 2016 as a deadline for CO₂ storage project applications. Since this ...

WASHINGTON, D.C. -- The U.S. Department of Energy (DOE) Advanced Research Projects Agency-Energy (ARPA-E) today announced \$18 million for 9 projects to enable the growth of hydrogen as a replacement for fossil fuels. Hydrogen is increasingly seen as a clean energy source and decarbonization agent for industry and transportation. Current global ...

The study illustrates how media coverage can shed light on the evolving relationships between society and CCS, and on the established and emerging themes in arguments used for and against the technology. ...
"Carbon capture usage and storage with scale-up : energy finance through bricolage deploying the co-integration methodology," Post-Print ...

Simultaneously, media coverage significantly contributes to cultivating and enhancing public awareness of energy transition and creating an overall societal atmosphere conducive to energy transformation. ... Technological breakthroughs in energy storage, green energy, energy intelligent networks, and other fields will be the key to the success ...

Focused on two networks, Al-Jazeera and BBC Arabic, this study provides an in-depth quantitative and qualitative analysis of different media strategies employed in the coverage of Covid-19. The author draws primarily from Critical Discourse Analysis, supplemented by an analysis of corpora from both Al-Jazeera and BBC, comprising news items ...

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