Foreign new energy battery policies

What is the new EU batteries regulation?
The proposal for the new regulation was published by the EC in December 2020 and finally adopted in July 2023 as the new EU Batteries Regulation . The aim is to put in place minimum sustainability standards and extended producer responsibility for batteries placed on the EU single market.

What is the public battery strategy of the EU?
Public battery strategy of the EU of a closely networked and competitive battery value chain. Specifically,the Action Plan provides for: 1)Securing access to raw materials outside the EU,development of raw material sources within the EU and access to secondary raw materials through battery recycling;

How will the new government strengthen the battery industry in 2022?
The newly elected government of 2022 announced strategies to strengthen the battery industry, including countermeasures to the U.S.'s Inflation Reduction Act. 1. Executive Summary 4 Executive Summary

Which countries have a new battery industry strategy?
All countries have rather recent strategies - and there are constantly further updates, such as the Dachkonzept (BMBF, DE 2023), the Battery Industry Strategy (METI, JP 2023) and the National Strategy for Strengthening the Competitiveness of the Secondary Battery Industry (MOTIE, KR 2023). An update of the SRIA is also planned in 2023/2024.

How will a lack of policies affect the NEV battery industry?
As a core component of NEVs,the battery itself is market-driven by policies,and the lack of continuity in supporting policies will leave the NEV battery industry without supporting policies in the long run,which may slow down the development of the whole industry.

Is the EU a sustainable battery supplier?
In more recent strategic documents,such as the SRIA,the EU sets the objective to be the leading supplier of sustainable battery technologies(lifecycle sustainability is key for the Euro- pean Green Deal goals) and to achieve the establishment of a competitive and sustainable value chain in the EU and increase domestic production capacity .

We demonstrate the effectiveness of this model by analysing the cross-sectoral and cross-national dynamics of U.S. and Chinese policies for high energy density lithium-ion ...

In a new era of great-power competition, China"s dominance in certain clean energy technologies--such as batteries and cobalt, lithium, graphite, and other critical minerals needed for clean ...

Based on the policies implemented by the government in recent years that promote the development of the

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NEV battery industry, this paper summarizes the achievements while analysing striking problems that exist.

As the EU"s main priority is environmental issues, there are ambitious targets on battery sustainability and recycling, which have also been included in the new EU Battery Regulation. The focus is on lithium-ion, solid ...

A new study by Fraunhofer ISI on behalf of the BMBF analyses the battery policies of countries worldwide, including Japan, South Korea, China, the USA, Europe and Germany, with a focus on lithium-ion, solid-state and alternative batteries.

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Battery demand is set to continue growing fast based on current policy settings, increasing four-and-a-half times by 2030 and more than seven times by 2035. The role of emerging markets and developing economies (EMDEs) other than People"s Republic of China (hereafter, "China") is expected to grow, reaching 10% of global battery demand by 2030, up ...

Catalogue of Encouraged Foreign Investment Industries (2019 Edition), Lithium-ion Battery Industry Specification Conditions (2018 Version), Interim Measures for the Management of Recycling and Utilisation of New Energy Power Vehicle ...

the sustainability and recycling of batteries. The new Batteries Regulation to introduce circular economy principles and man-datory sustainability requirements has also been adopted. Under the Biden Administration, the United States is aiming at establishing a ...

As EVs and batteries play a vital role in meeting the clean energy goals, rapidly evolving regulatory frameworks are setting obligations for all battery industry participants. This article summarises some of the key laws focused on lithium batteries components in the US, Europe, China, Japan and South Korea.

Explore the impact of global policy and regulation on global battery value chain in a rapidly decarbonizing world.

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The European Union"s (EU) much-anticipated battery regulations will formally take effect today, following their official announcement 20 days ago. These new guidelines introduce significant changes poised to impact battery producers across the globe, with companies in China and Taiwan being at the forefront of these challenges.

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Countries worldwide are renewing or adapting their political strategies for battery technologies. In this context, a new Fraunhofer ISI report is analysing the different battery policies and targets with focus on three fields of battery technology research: Lithium-ion, solid-state, and alternative batteries. The report highlights ...

Based on the policies implemented by the government in recent years that promote the development of the NEV battery industry, this paper summarizes the ...

Policy options for China"s new energy vehicle industry in the post-subsidy era. Energy Res. Social Sci. 107, 103359 (2024). Article Google Scholar

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