Second life battery companies India

JSW MG Motor India has introduced India"s first high-voltage second-life battery, powered by an indigenous Battery Management System (BMS). Launched as part of "Project Revive", the initiative was revealed in collaboration with Vision Mechatronics at The Battery Show 2024, held at India Expo Mart, Greater Noida, from October 3-5.

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The focus areas of these companies cover a wide range including indigenous battery design, repurposing of used batteries for second-life applications, research on new battery chemistries, development of supporting software, and firmware.

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The first batch of the prototype was launched in October this year. The second-life battery units are being distributed for free to vegetable sellers and other street vendors in Bengaluru, in association with SELCO Foundation. A fruit vendor powers his stall at night with Nunam"s prototype.

Used battery cells from Tier Mobility"s electric scooters are to have a second life in rural India. For this goal, the Berlin-based micromobility provider has entered into a partnership with the German-Indian startup Nunam.

The German-Indian start-up company "Nunam" (Sanskrit "for the future") has committed itself to give used lithium-ion battery cells such as those from electronic scrap a second life. Thereby it is demonstrating that it is possible to not only reduce waste through reuse, but also lower the costs for energy storage and make it CO2

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By repurposing lithium-ion batteries and reducing the need for resource-intensive manufacturing, India can play a significant role in reducing global greenhouse gas emissions. Hence, realizing the full potential of second-life lithium battery energy storage solutions necessitates a concerted effort by both the public and private sectors.

Under the collaboration, LOHUM will reuse the end-of-first-life electric vehicle battery of MG electric vehicles to build sustainable 2nd-life Battery Energy Storage Systems (BESS) for a wide variety of clean energy ...

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The stated aim of the project is to explore how modules from high-voltage batteries can be reused after their use in cars and become a second-life use case suitable for everyday use from a technical point of view.

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Web: https://gennergyps.co.za