



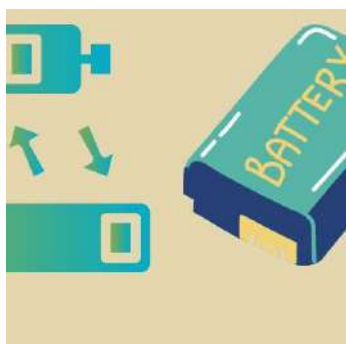
### Cygni Battery Swapping Technology for Electric Vehicles

4G enabled, Smart Battery Packs with Lock Smart Vehicle-Battery-Charger-Cloud Protocol (LS-VBCC) is available on Cygni batteries. The CAN bus and 4G interface of Cygni batteries makes it easier to monitor and communicate with VCU and Charger for intelligent swapping. Controlled charging at swapping stations will extend the battery life.



### Future of Energy Storage

Cygni Energy is a Next-Generation Energy Storage Company that defines the Future of Energy Storage Across Key Verticals. At Cygni, we are rethinking energy with game-changing battery technologies. Each battery application has different needs and requires different solutions. We believe our Energy Storage systems will be a key part of the future.



### Technology to be biggest enabler of battery swapping policy in India

The proposed Battery Swapping policy (draft) by the Government of India aims to build a robust ecosystem around the 'Battery as a service (BaaS)' model to drive EV adoption. **Venkat Rajaraman - CEO** at Cygni Energy Private Limited discusses how the Battery Swapping Policy can largely benefit from cutting-edge technology.

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## Why Indian electric vehicles require batteries made in India

India is on the verge of a major transformation and at the heart of it is the automobile industry, with electric vehicles (EVs) swiftly becoming the country's favourite mode of transportation. EVs encompass a wide range of vehicles. Please read our opinion piece on this below.

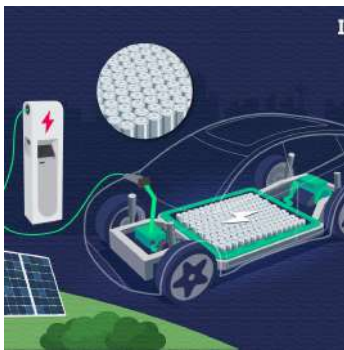
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## Battery packs and connected vehicle software to boost EV business

Industries leading EV infrastructure providers and EV battery experts share their concerns over the transformations being made to the FAME-II and PLI scheme to enhance the structural differences of electric vehicles in India.

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## Can India's EV Ecosystem Become Truly Self-Reliant Without Being A Li-ion Cell Manufacturer?

The government's push for the adoption of electric vehicles (EVs) has translated into multiplying sales numbers, however, the country considerably lags behind in establishing an all-encompassing infrastructure that would support this growth sustainably. We share our thoughts in this article below:

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## Battery Swapping Policy – Dawn of a new era!

The draft policy mandates that swappable batteries be enabled with Smart Battery Management System (BMS). Battery monitoring and data capture are essential for swappable batteries, and this policy ensures that the batteries need to be fitted with Smart BMS.

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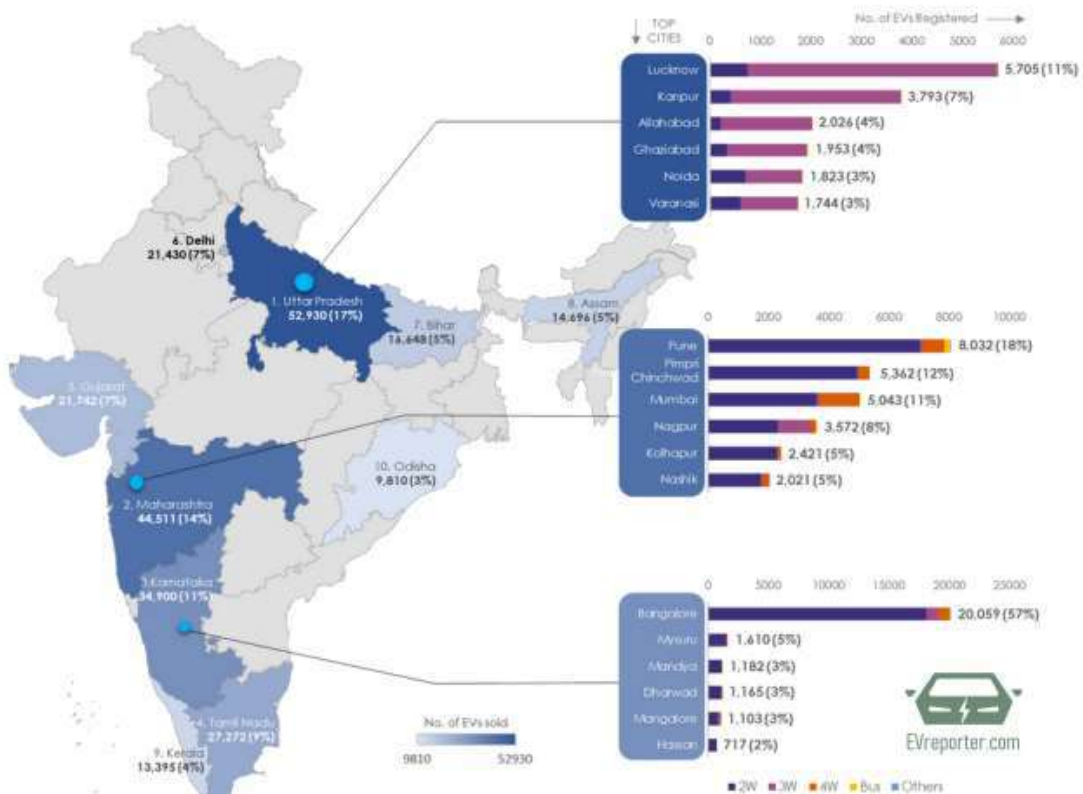
### Cygni. Production Process

This process Cygni follows for making high quality LI-Ion Batteries



## INDIA'S REGION WISE EV MARKET JAN-MAY 2022

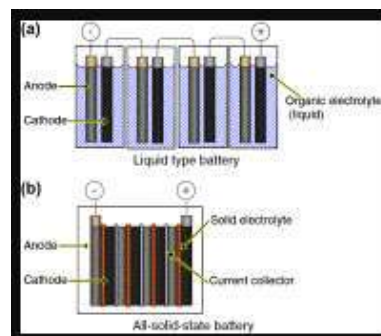
Top States and Cities / Urban areas - EV sales from Jan'22 to May'22



### Solid-State Lithium-Ion Batteries for Electric Vehicles

Rapid global industrial development, rising populations and the corresponding increase in the number of vehicles have caused a sudden jump in the consumption of fossil fuel energy. Given this background, the critical issues facing vehicle manufactures can be summarized into the following three:

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## Upcoming Activities- June 2022



### World Environment Day

Cygni will celebrate World Environment Day is celebrated annually on 5 June and is the United Nations' principal vehicle for encouraging awareness and action for the protection of the environment. The 2022 World Environment Day campaign #OnlyOneEarth calls for collective, transformative action on a global scale to celebrate, protect and restore our planet.

## Celebration- World Bicycle Day



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