

ABOUT THE COMPANY

MP Ensystems Advisory Private Ltd. is a Mumbai-based thesis-driven private consulting firm established in 2012 in the energy and environment sector.

The firm has introduced clean energy efficiency in the built environment, promote low-carbon transportation, embed renewable energy within industrial processes and develop techno financial interventions to green the rural value chain.



OUR EXPERTISE



Develop strategies for revolutionising the mobility sector towards clean, accessible and efficient transport



Training and capacity building for businesses, urban development authorities and transport operators



Policy inputs to switch to clean modes of transport



Optimizing grid utilization and renewable energy integration in EV charging

OUR MILESTONES

2014

Pre-feasibility study for **procurement of electric buses** for Bandra Kurla Complex

2014

Chapter-wise review of the **National Electric Mobility Mission Plan**

2017

Techno-economic study on the impact of EVs on the grid

2018

Study aimed at exploring reforms to existing regulatory frameworks and **governance structures for urban mobility** in India

2020-22

EV charging infrastructure (EVCI) geospatial siting tool expanded to **freight corridors** and **lighthouse cities**

2023

Comprehensive plan for deploying **smart EV charging** infrastructure along freight corridors and urban freight depots

2024

Feasibility of **electrification of e-commerce** with particular focus on **last mile delivery services** in Panaji, Chandigarh, Bangalore and Nagpur

EVCI MODEL

CONVENIENCE TO USERS

EVs-induced traffic demand management and spatial planning

MINIMIZE IMPACT ON GRID

EVCI-appropriate electricity grid/network

GENERATE REVENUE

EVCI-supportive business/revenue models

TOOLS | EVCI SITING TOOL

EVCI Siting Tool utilizes algorithms to analyze:

- Potential site information to identify suitable and high-utilization sites for charging infrastructure
- Traffic demand data
- Grid availability



EVCI TOOL LOGIN

The tool is intended to be adopted by:

- State/city governments
- Power utilities
- Regulators
- Real estate & infrastructure
- Manufacturers
- Consumers

The output of the tool will allow prioritization of EVCI through demand-based public/private charging hotspots.

INITIATIVES | GOENCHE-E-SARATHI

Launched by MP Ensystems in association with Goa State Rural Livelihood Mission and Rotary Club, Panaji.

The initiative aims to revolutionise last-mile delivery services in and around Panaji by using electric two-wheelers managed by women-riders.

Operational Management

- Deliveries are operated by Saksham, a community-led cluster-level federation
- Members benefit from the availability of e-2Ws

Funding Support

- Viability gap funding is extended by MP Ensystems for the first year to strengthen the business model

Electric Two-Wheelers

- Developed by JitendraEV
- Equipped with The Energy Company (TEC)'s high-end battery packs
- Features integrated battery management systems for cell-level state-of-charge and thermal management, enhancing longevity



INITIATIVES | JUNCTION

Junction is an initiative for stakeholder consultations in the sustainable mobility space to connect, interact, and share ideas. The aim is:

- Understanding gaps and discuss opportunities to resolve challenges
- Facilitating collaborations, innovations, building consensus
- Providing policy interventions

Think tanks | Government | Philanthropies can approach us for organizing such Junctions collaboratively for specific topics and initiatives in the sustainable mobility space.

CONTACT US

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