

DRIVING 10,000 KMs IN AN ELECTRIC VEHICLE ACROSS INDIA

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Energising India Summit, Pune, India



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Mumbai

↑ 0 100%

MUMBAI - BENGALURU TRIP (FORWARD LEG) CAR: MG ZS EV 2022

Pune

56% ↑ 600 ⚡ 20.5 ⌚ 52 ₹ 457 100%

Belgaum

2% ↑ 784 ⚡ 36.4 ⌚ 76 ₹ 817 79%

Davanagere

18% ↑ 602 ⚡ 39.5 ⌚ 120 ₹ 888 99%

Electronic City, Bengaluru

16% ↑ 920 ⚡ 36.5 ⌚ 54 ₹ 814 88%

State of Charge (Departure)

State of Charge (Arrival)

Overnight halt

AC (slow) charged (kWh)

DC (fast) charged (kWh)

Charging time (minutes)

₹ Charging cost (INR)

↑ Elevation above sea level (m)

0 100 200 km

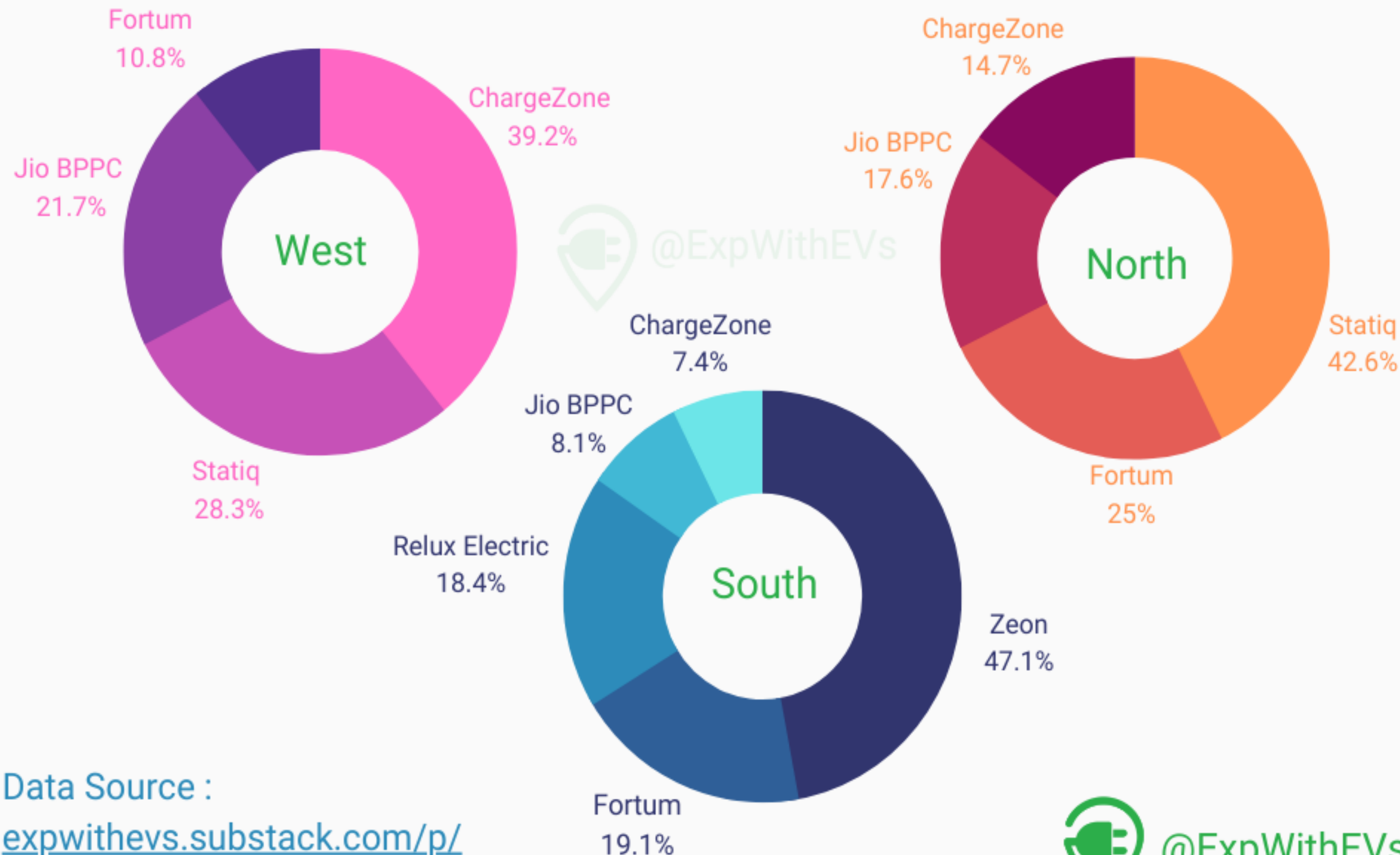


experienceswiththevs.substack.com

map by: Siddharth Agarwal (www.sidagarwal.in)

ZONAL FIGHT FOR THE 2ND PLACE

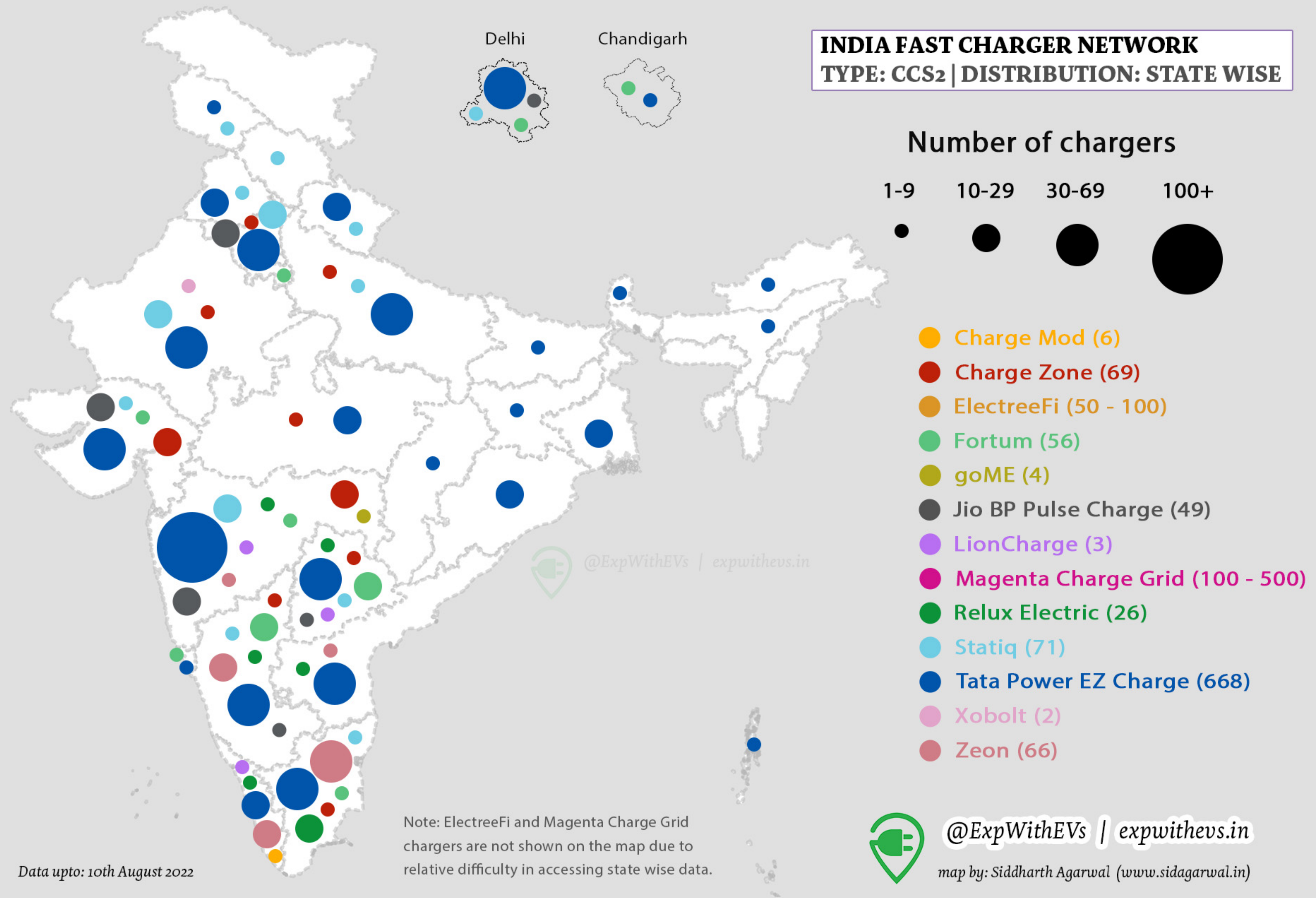
With Tata leading in all zones



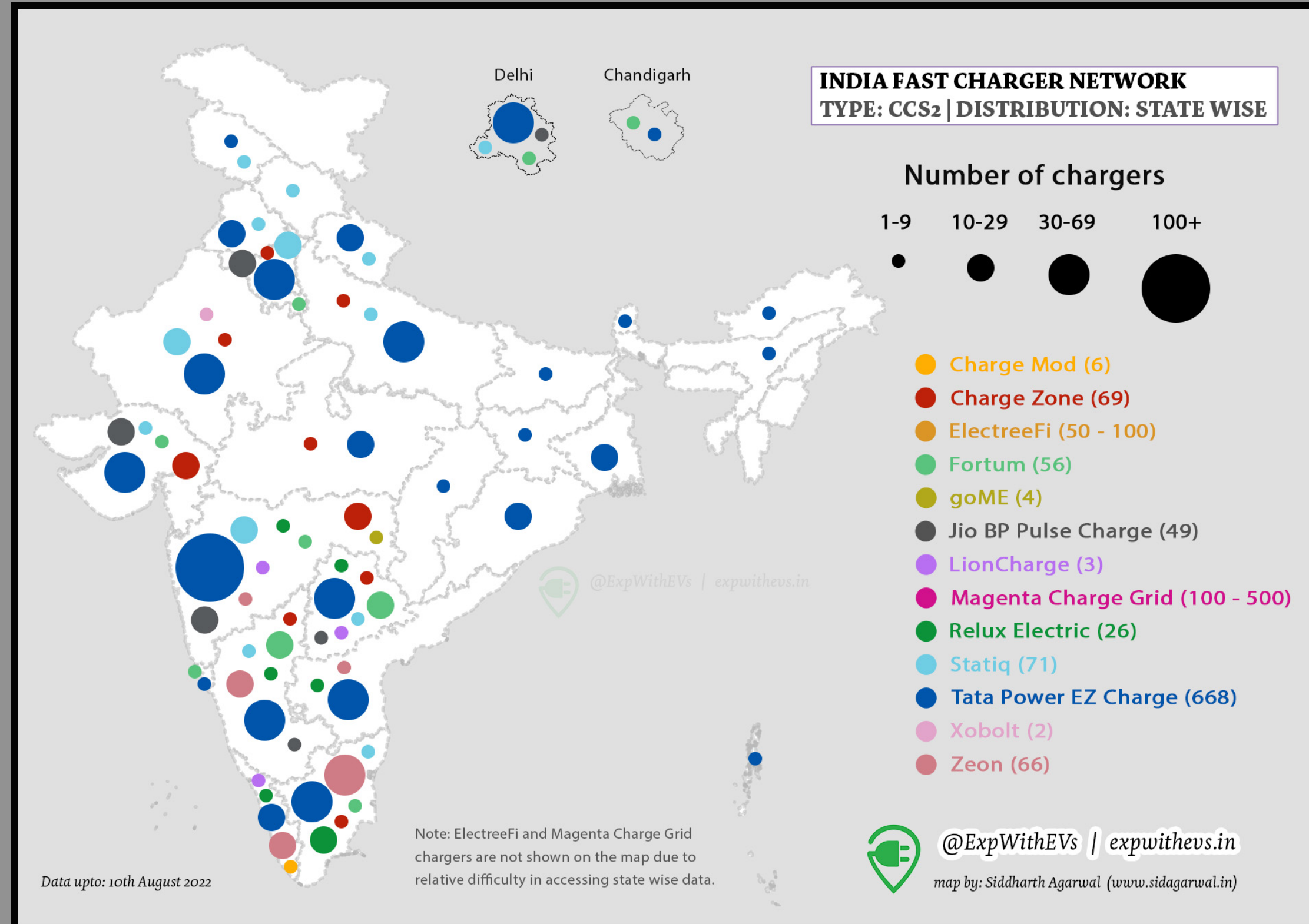
Data Source :
expwithevs.substack.com/p/charging-infra

INDIA FAST CHARGER NETWORK

TYPE: CCS2 | DISTRIBUTION: STATE WISE



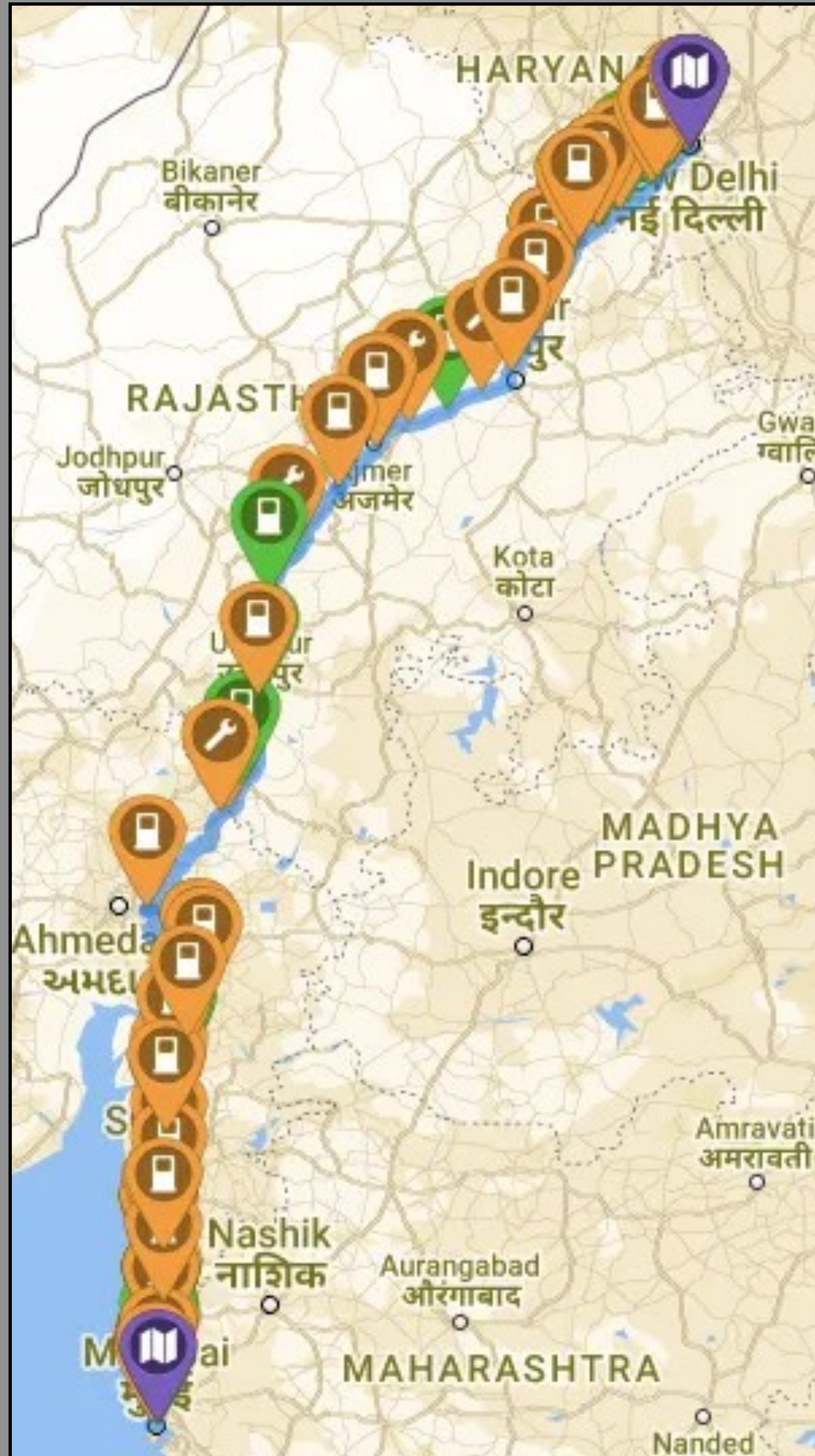
CURRENT STATE :



- Great job setting EV chargers up all across the country!
- CPOs have been thinking in terms of electrifying national highways, which is great.
- The chargers are easy to find because most of the CPOs are listing their chargers on PlugShare, Google Maps and on their own apps.
- Central and Eastern India lack some EV love.

- Industry can engage more with the community

LEARNINGS FROM THE DRIVE :



- Our country is massive and it can easily take more than a day to cross a state.
- There are a lot of gaps in the EV space which need to be filled collectively by the Car OEMs, Charger OEMs and the CPOs.



FEEDBACK :

CHARGER OEMS :

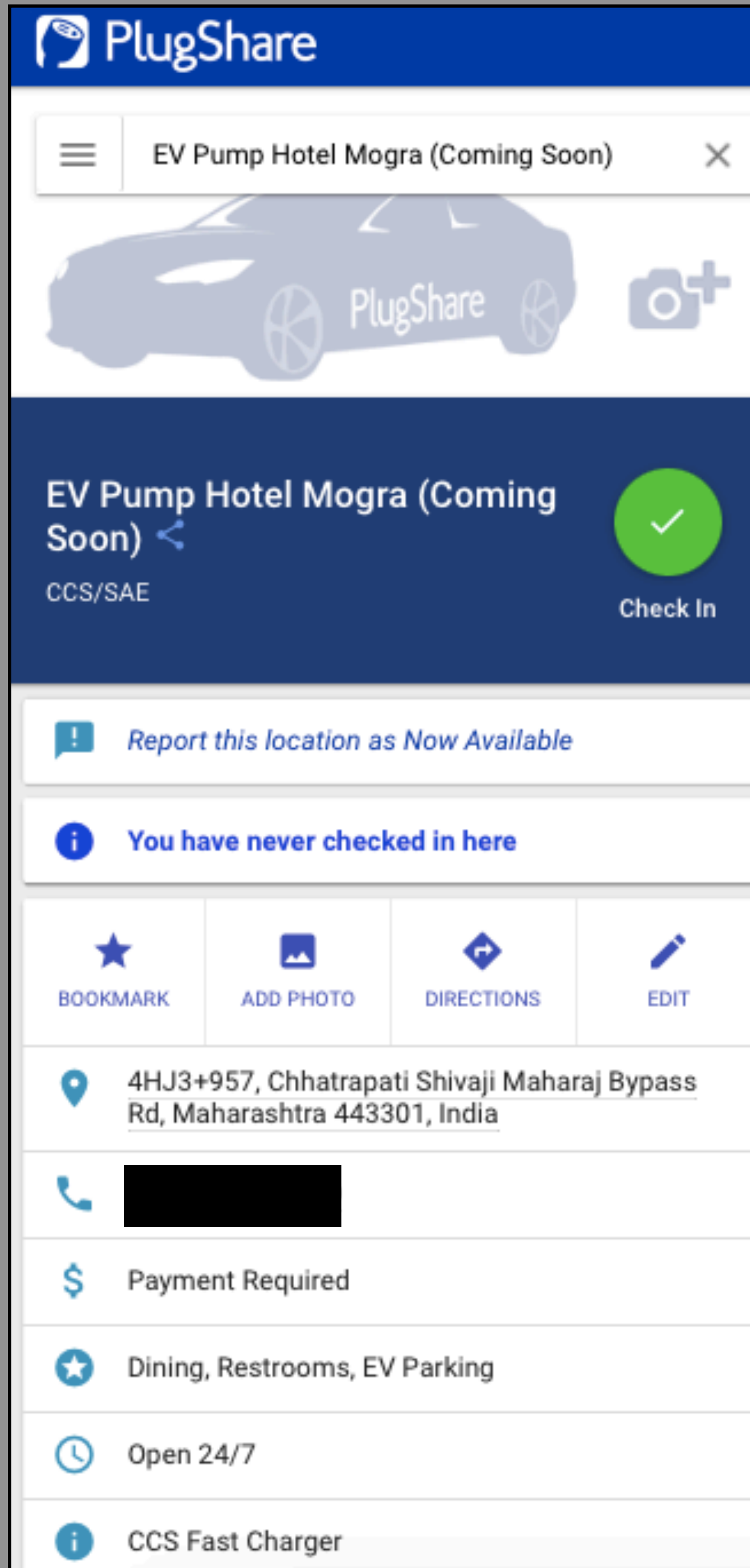
- UPI QR Codes
- Error Codes



VEHICLE OEMS :

- Lease out cars to serious prospective buyers either via dealers or enabling folks who are in the business to lease cars
- Plug and Charge





FEEDBACK : CPOS :

- Great job on B2B and B2C efforts.
- Have atleast one person on site who can answer charging / charger related questions and can fix error codes as needed.
- “Coming Soon” chargers on PlugShare.
- Cross functionality - listing, route planning, status, payments.
- Going deep v/s going broad



QUESTIONS?

@ExpWithEVs on Twitter and Instagram
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