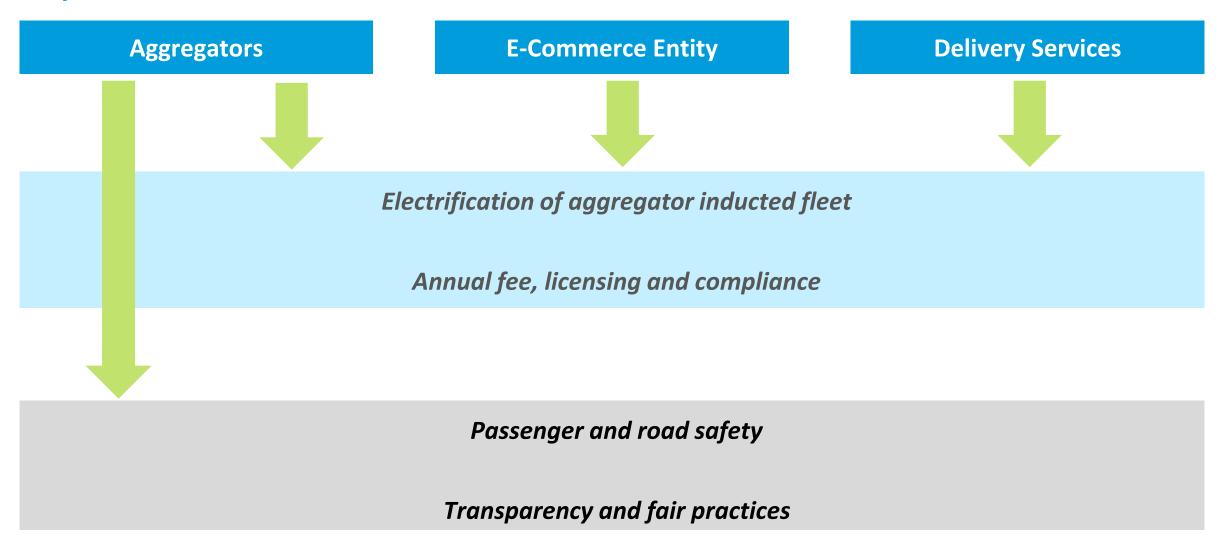


Operation Manual to the Portal for the 'Delhi Motor Vehicle Aggregator and Delivery Service Provider Scheme 2023'

Purpose of the Scheme







Eligibility and Registration Process

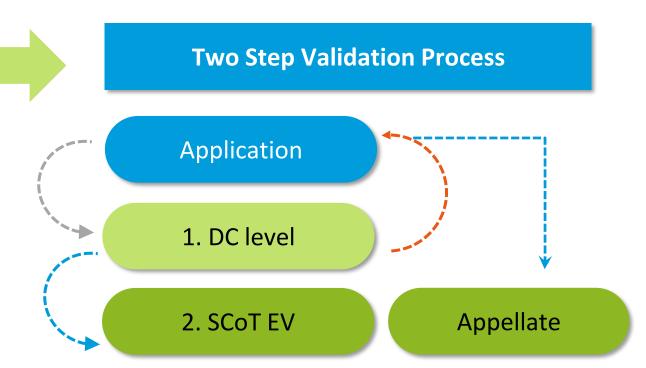


- I manage/ own/ operate more than 25 vehicles
- 2 I operate through a digital platform

Register & apply for license

Documentation Required for Application

- Copy of registration of company/firm
- 2. GST Certificate
- 3. PAN Certificate
- 4. Bank Guarantee in favour of the 'Commissioner of Transport, Government of NCT of Delhi'







Portal Activities – Registration Process

Before Application

Corporate / branch office within NCR and designate Compliance Officer

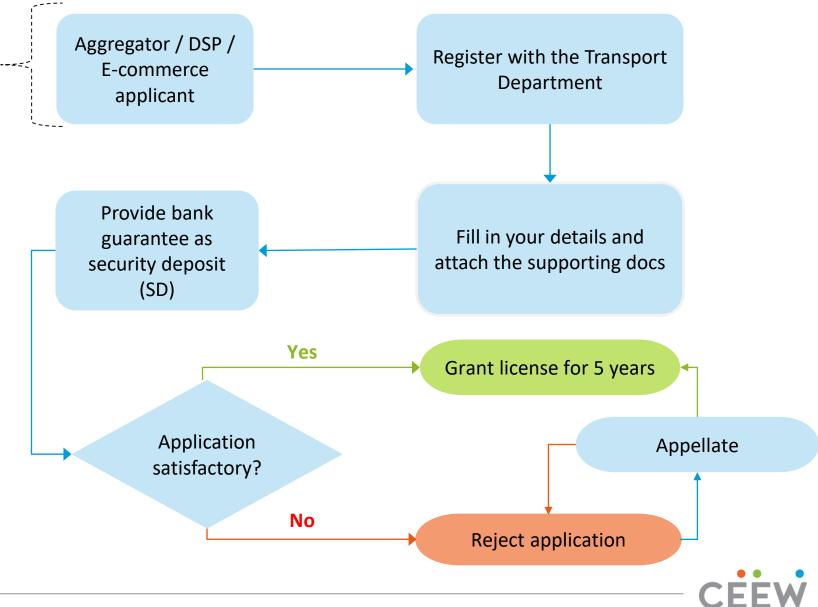


Bank Guarantee in the name of 'Commissioner of Transport, Government of NCT of Delhi', to be submitted or mailed along with self-attested copies of the documents uploaded to the address:

Office of Deputy Commissioner – EV cell branch 5/9, Under Hill Rd, Ludlow Castle, Civil Lines, Delhi, 110054

Source: KPMG, Icon: Flaticon

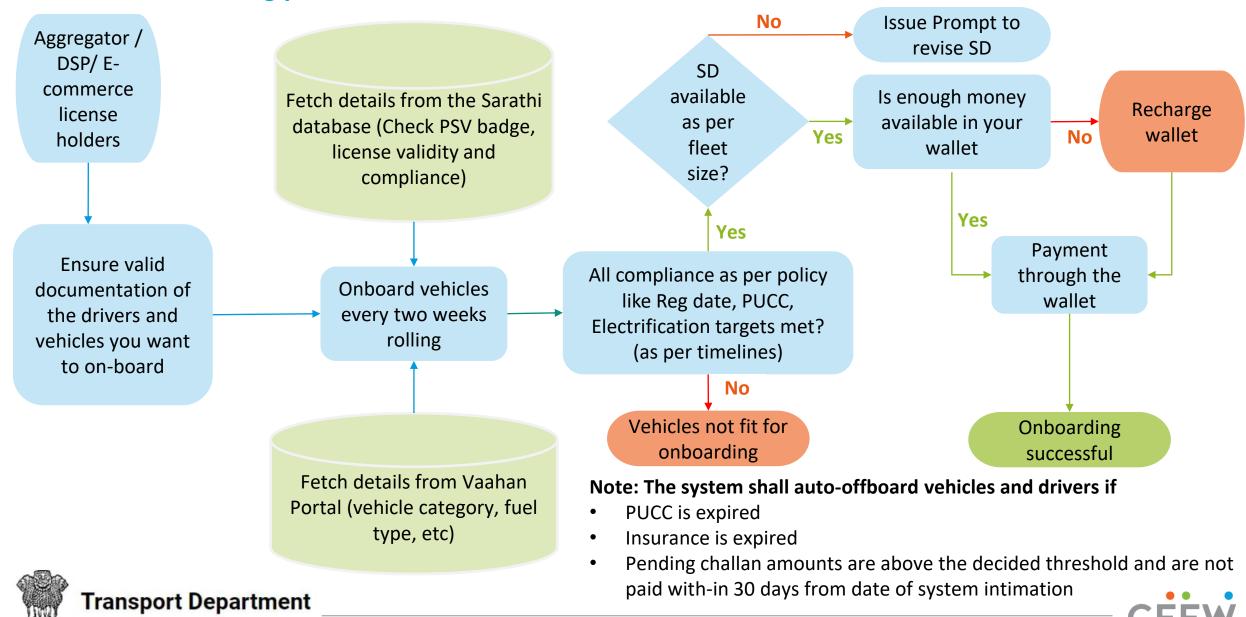




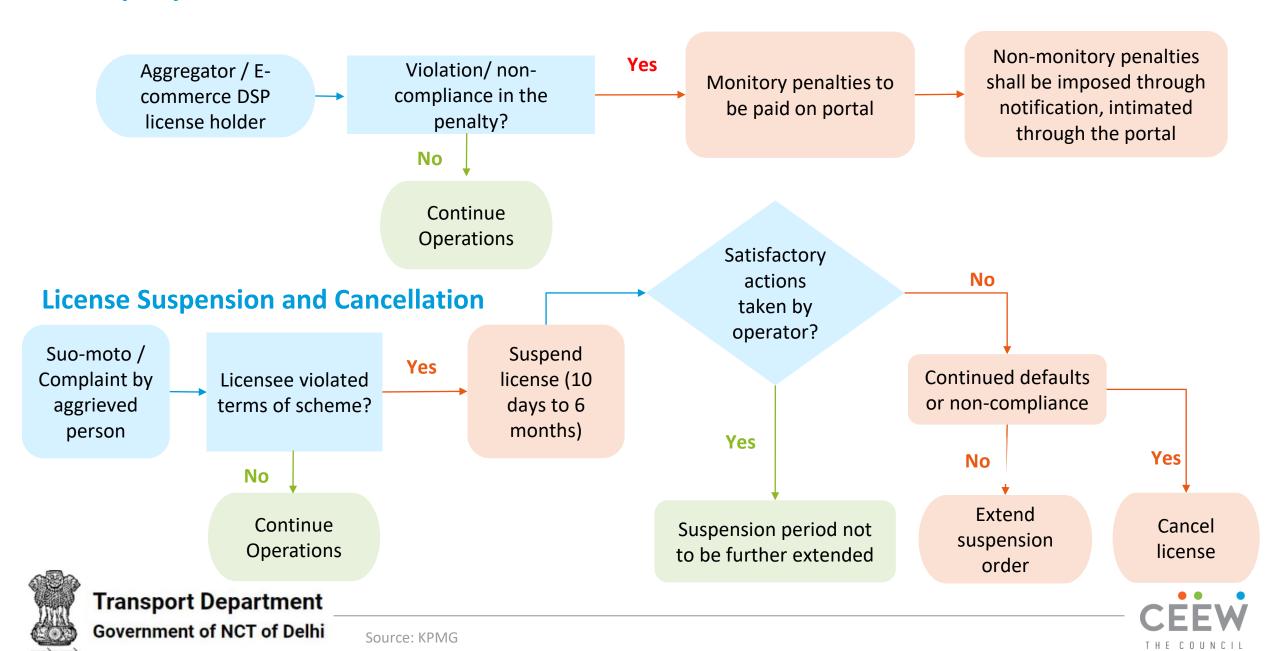
Vehicle On-boarding process

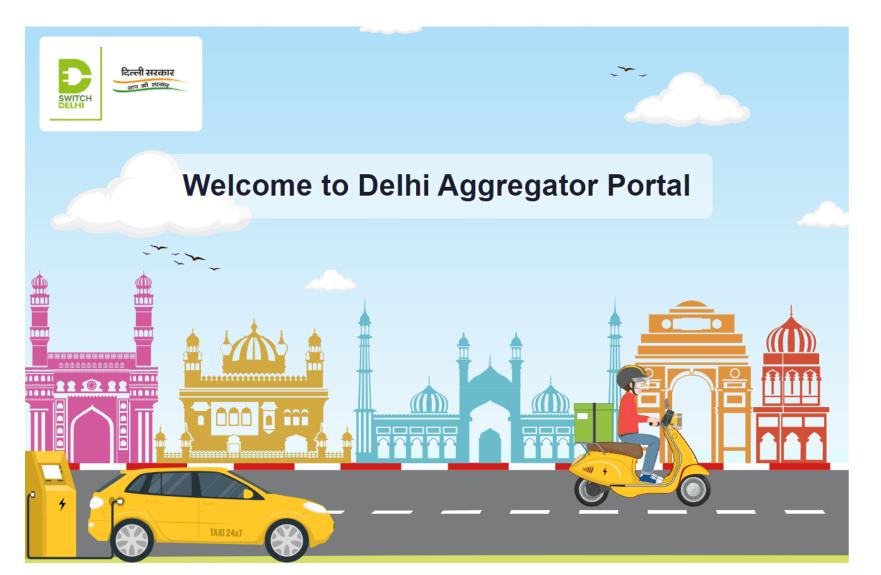
Government of NCT of Delhi

Source: KPMG



Penalty Payment Process





Sign In

Username

Password

Forgot Password?

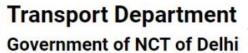
Continue

Search Application

Don't have any account, Register

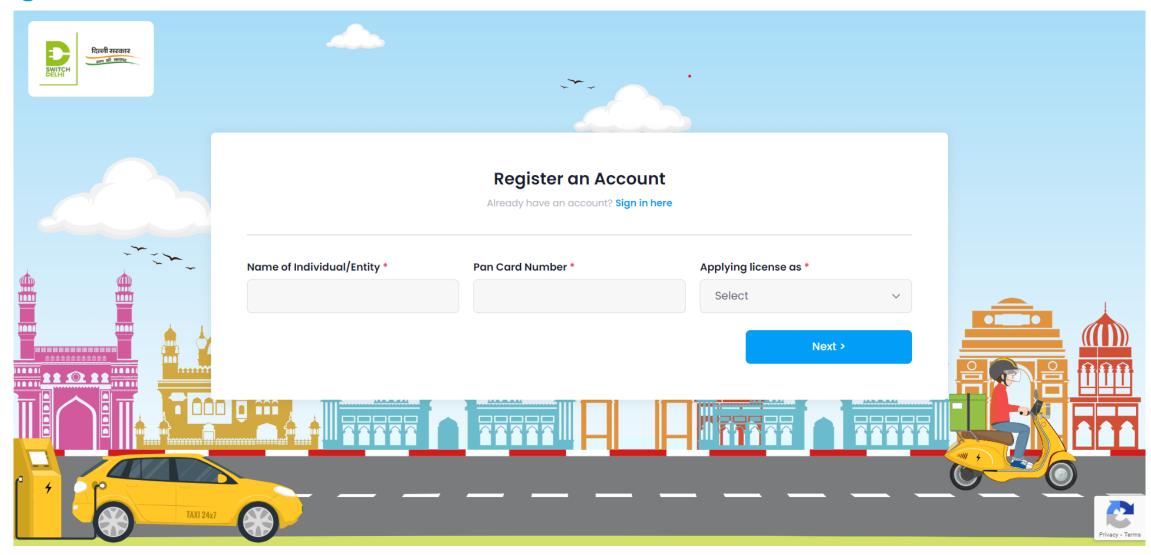








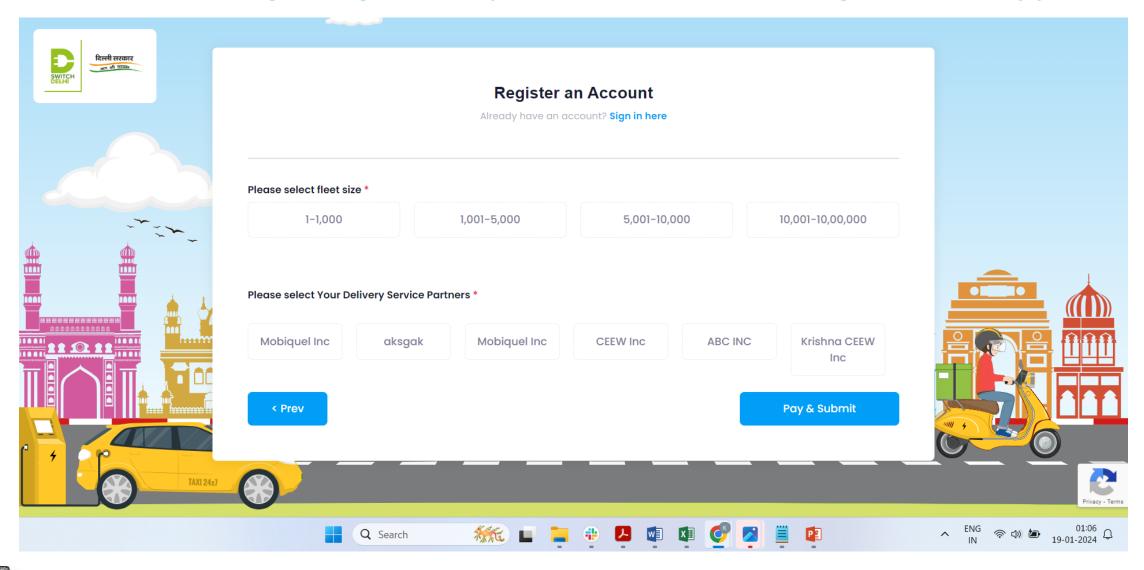
Registration Process







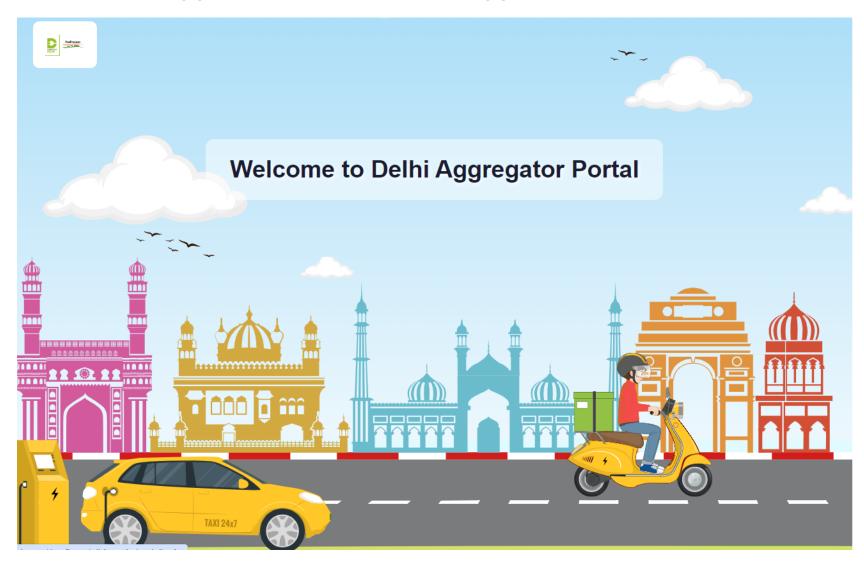
E-commerce entities registering as fleet operators in addition to having other delivery partners



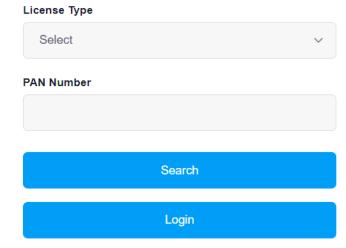




Hit 'Search Application' to know the application status



Search Application



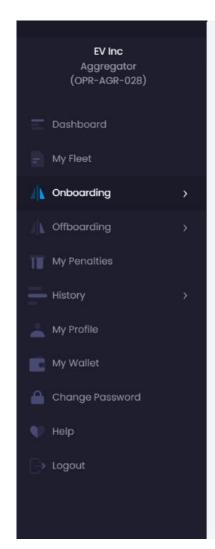
Don't have any account, Register

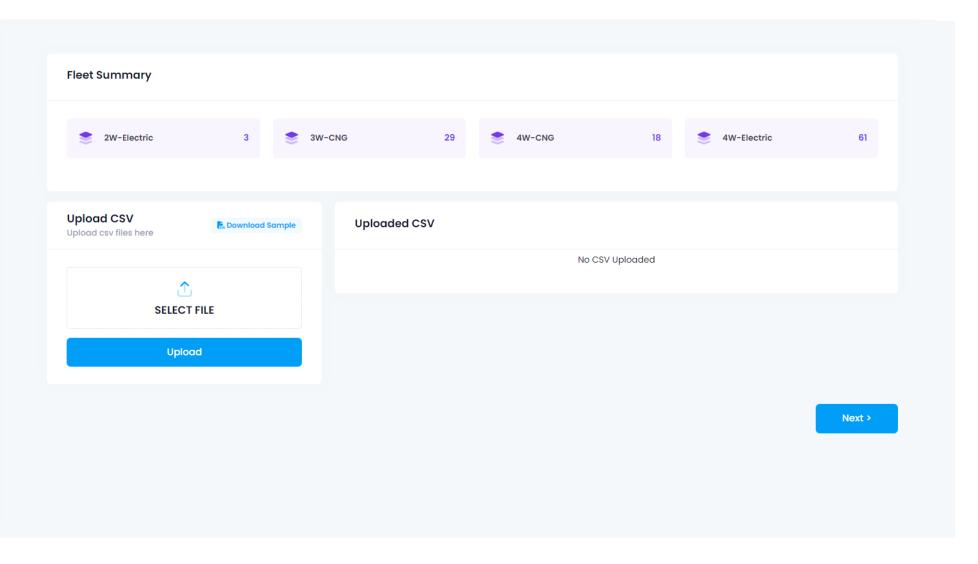






On-boarding of Vehicles

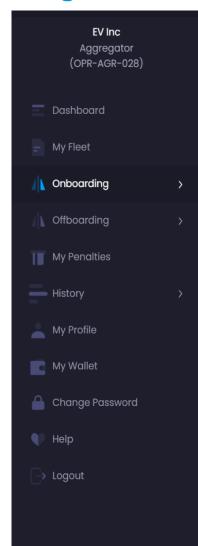


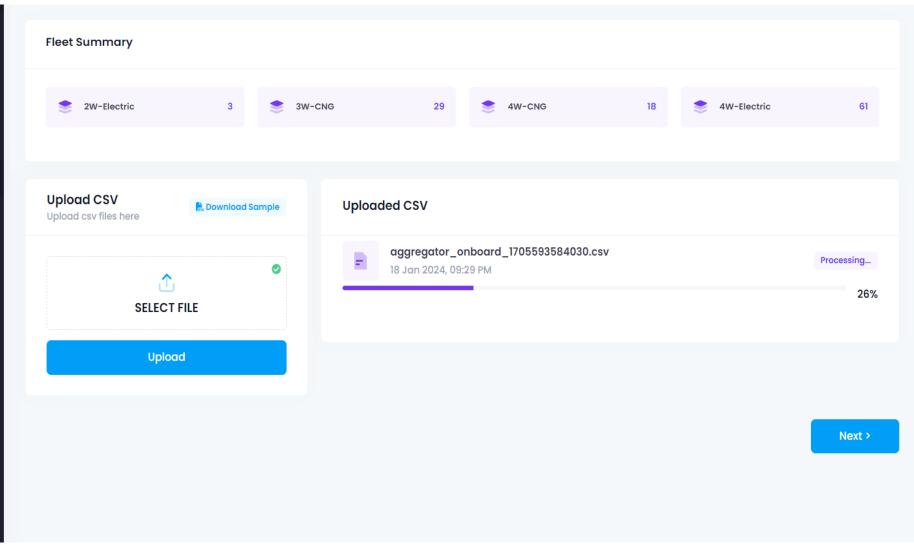






Hitting the VAHAN Database

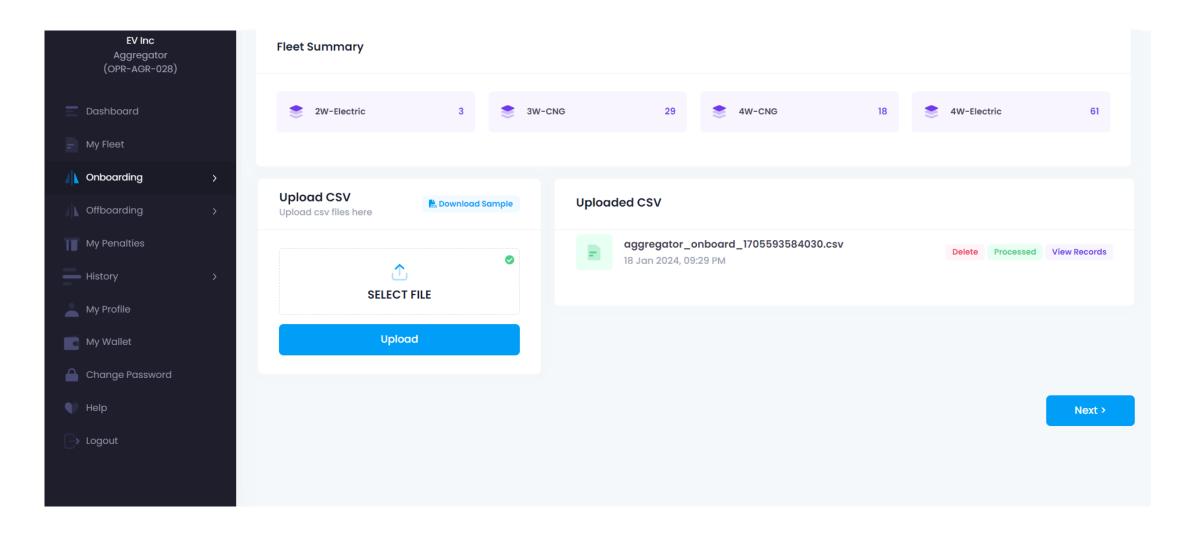








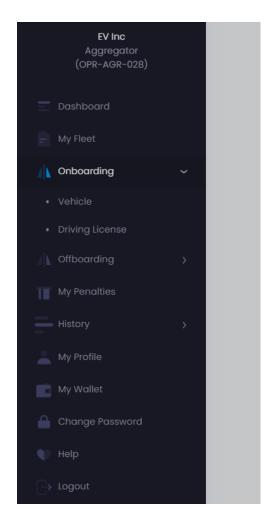
Data fetched from VAHAN







Compliance checked by VAHAN



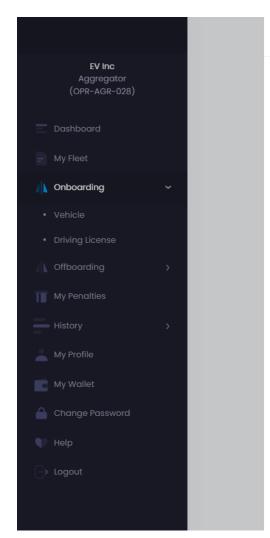
Vehicle Records X

S.No	Vehicle No	Vehicle Class	Vehicle Category	Owner Name	Fuel Type	Manufecturer	Model	Insurance	PUCC	License Amount	Discount	Total Amount
29		Passenger	3W		CNG	BAJAJ AUTO LTD	BAJAJ RE CNG 4S FI	ACTIVE	ACTIVE	20.00	0.00	20.00
30		Passenger	3W		CNG	BAJAJ AUTO LTD	BAJAJ RE CNG 4S FI	ACTIVE	ACTIVE	20.00	10.00	10.00
31		Passenger	3W		CNG	BAJAJ AUTO LTD	BAJAJ RE CNG 4S FI	ACTIVE	ACTIVE	20.00	10.00	10.00
32		Passenger	4W		CNG	MARUTI SUZUKI INDIA LTD	MARUTI WAGON R GREEN LXI	ACTIVE	ACTIVE	30.00	0.00	30.00
33		Passenger	3W		CNG	BAJAJ AUTO LTD	BAJAJ RE CNG 4S FI	ACTIVE	ACTIVE	20.00	10.00	10.00
34		Passenger	3W		CNG	BAJAJ AUTO LTD	BAJAJ 3 WHEELER(AUTORICKSHAW)	ACTIVE	ACTIVE	20.00	0.00	20.00
35		Passenger	4W		CNG	MARUTI SUZUKI INDIA LTD	TOUR S CNG	ACTIVE	ACTIVE	30.00	0.00	30.00

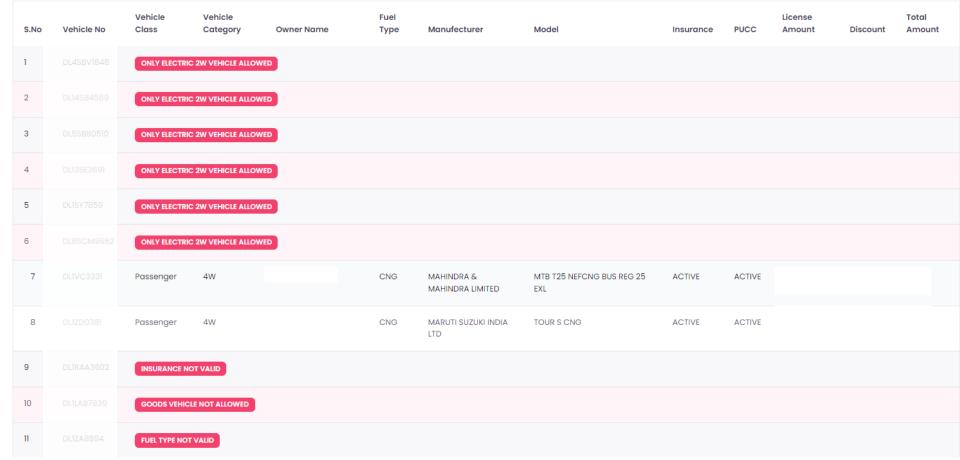




Restricted Non-compliant Vehicles



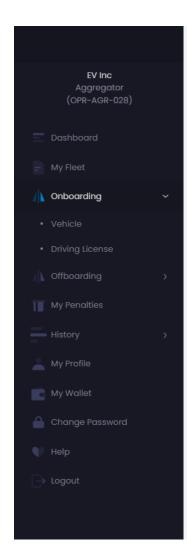
Vehicle Records

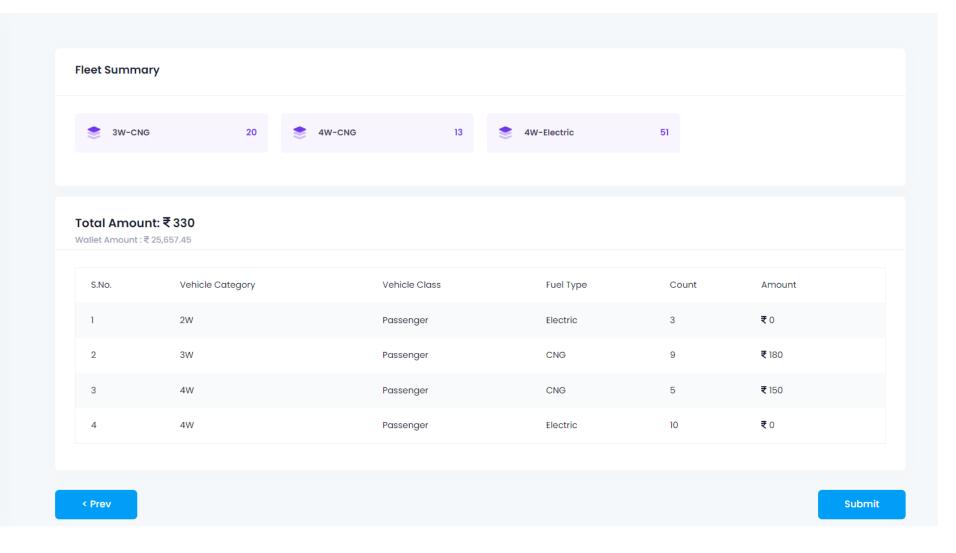






Only Compliant Vehicles are On-boarded

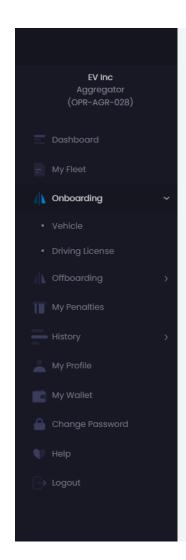


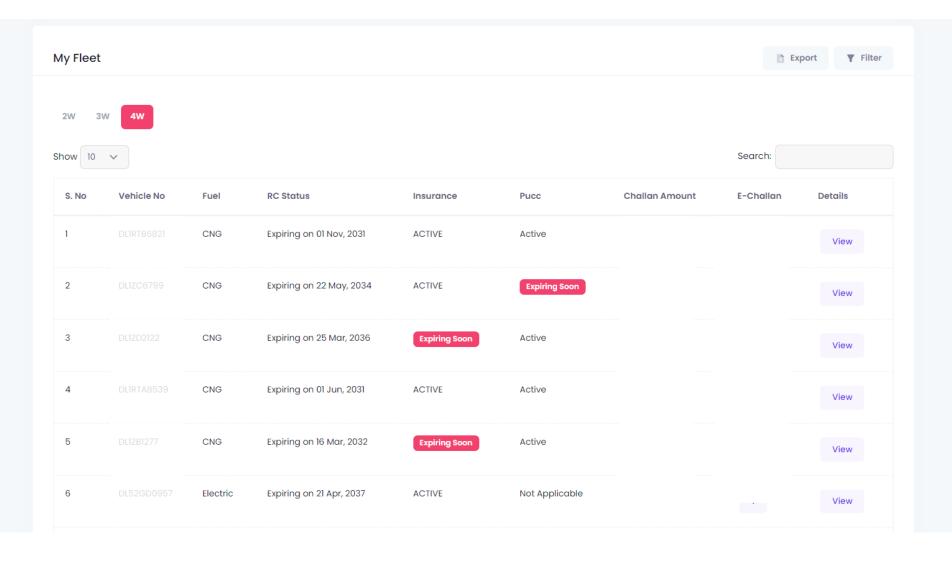






On-boarded Vehicle Details

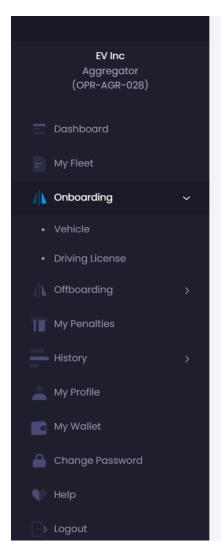


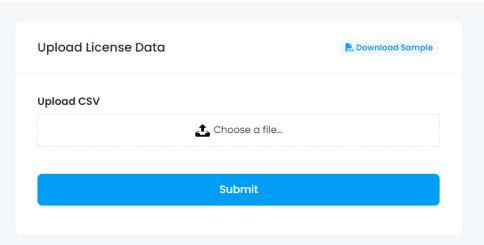






Driver's On-boarding

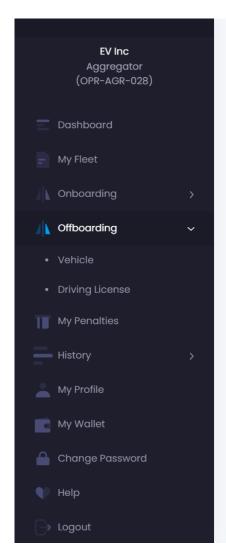


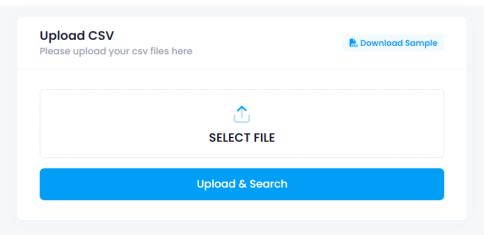






Off-boarding Fleet

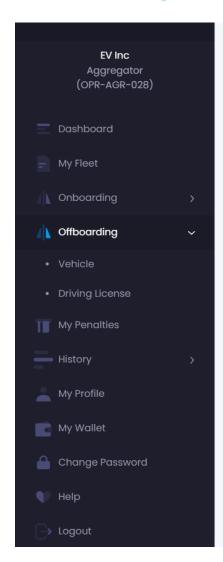


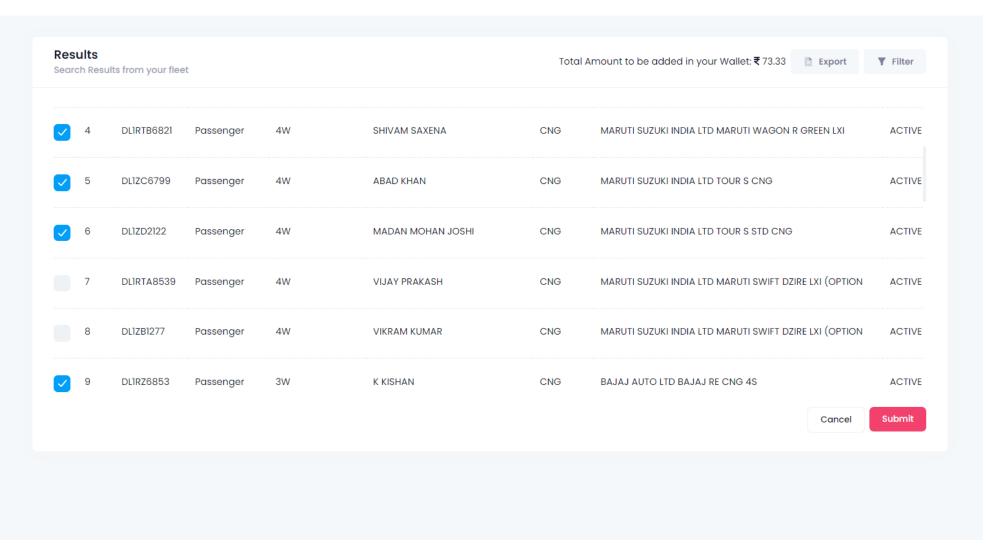






Off-boarding Vehicles

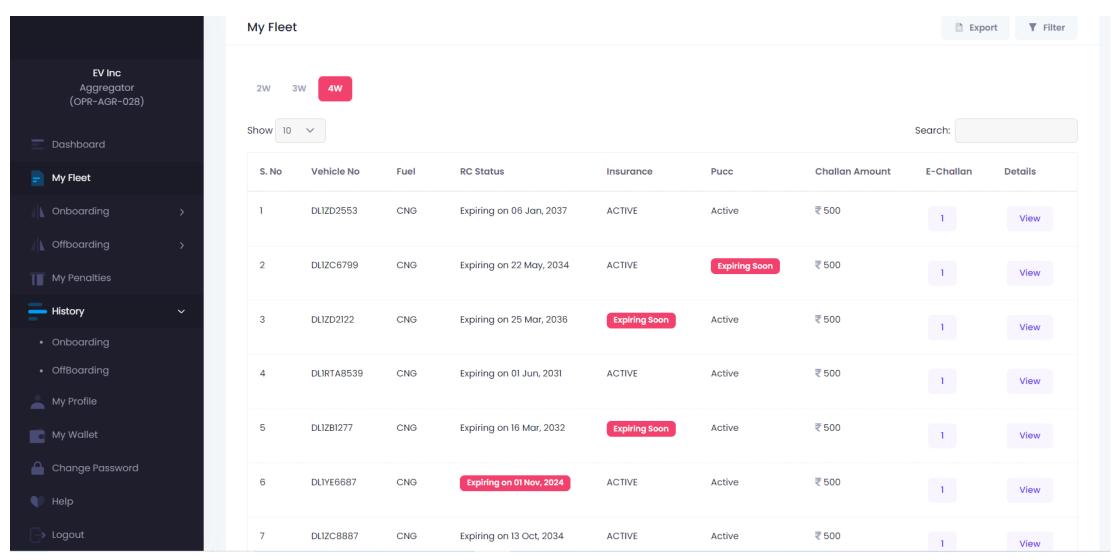








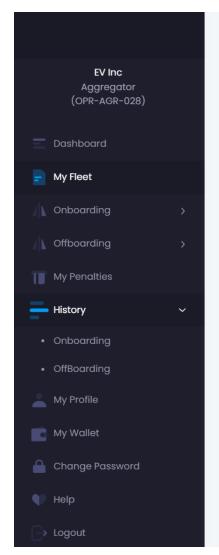
My Fleet: Under Observation

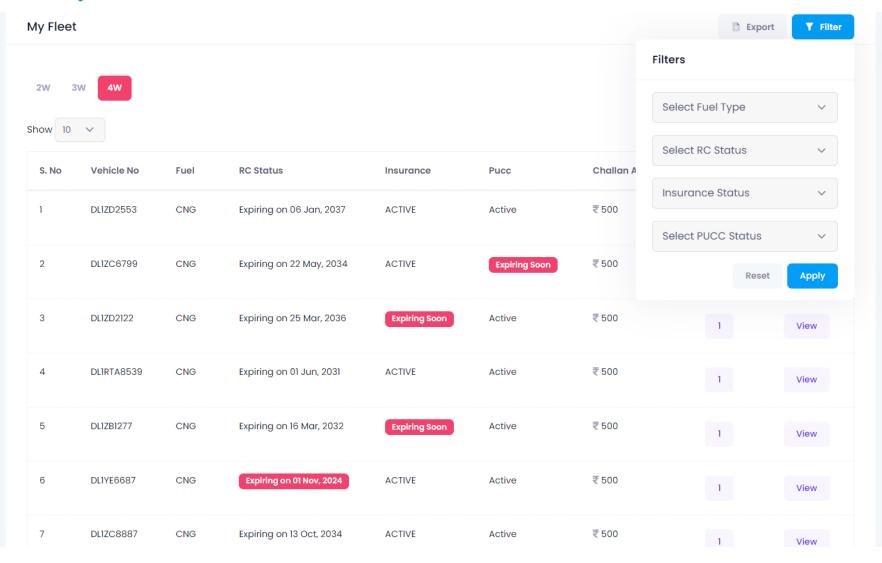






More Closer View to My Fleet

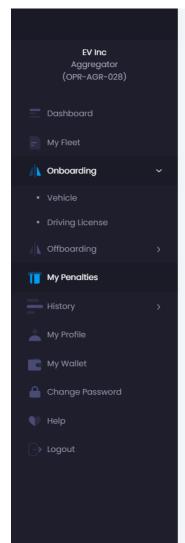


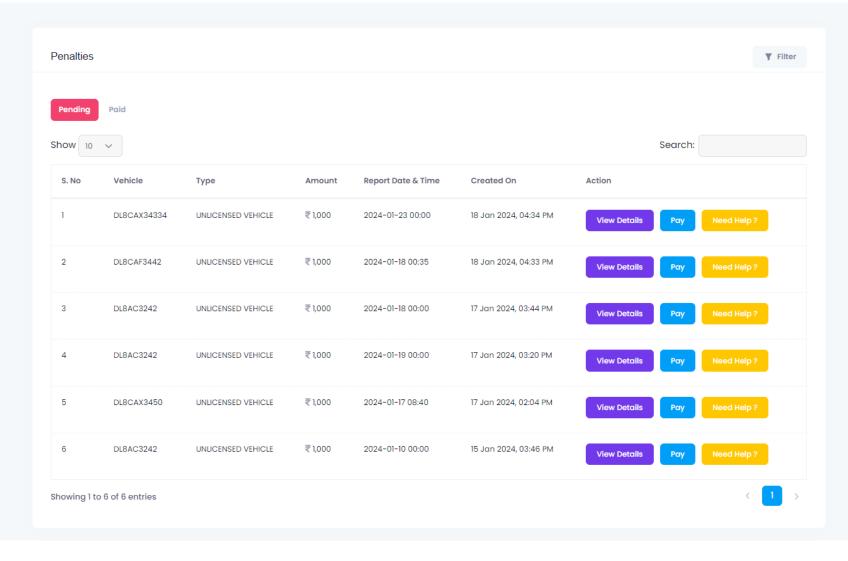






Penalty on Non-Compliance of Policy

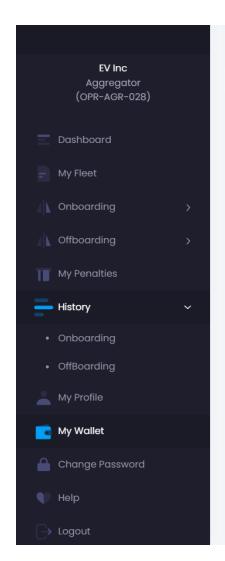


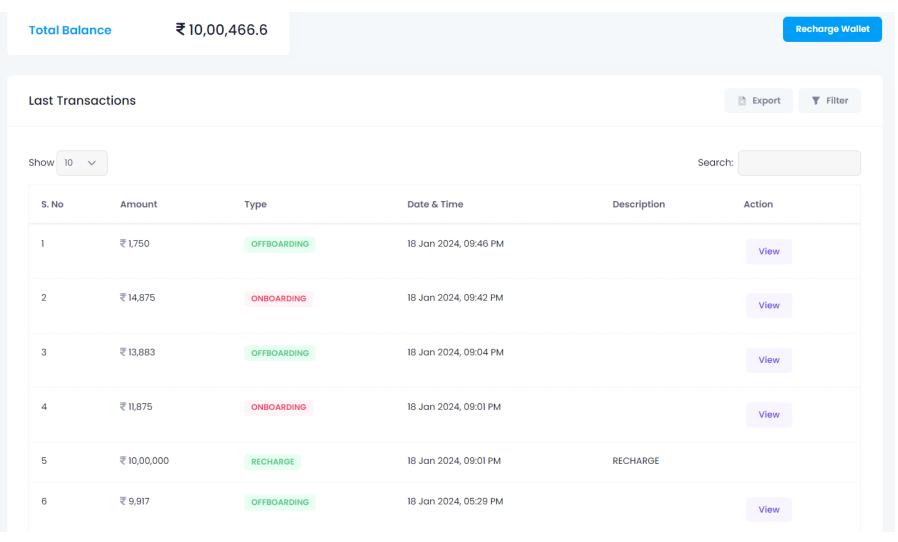






Wallet Transaction Details

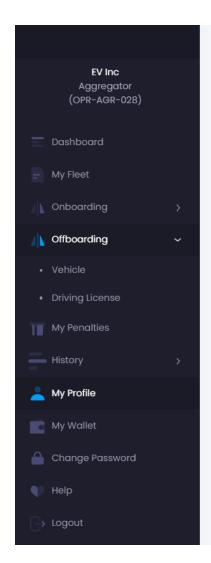


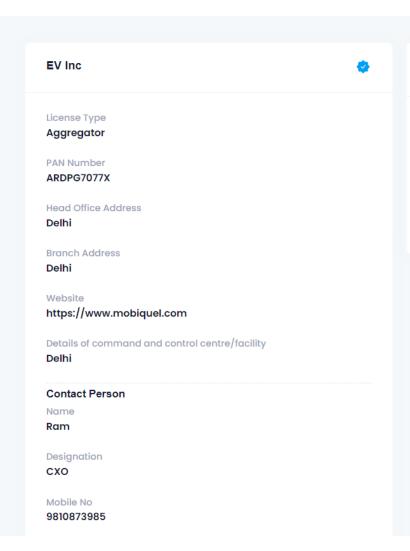


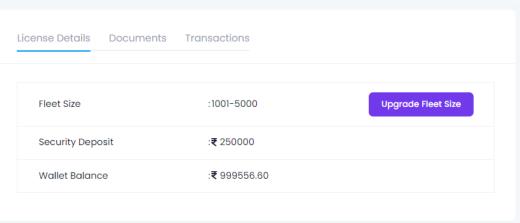




My Profile



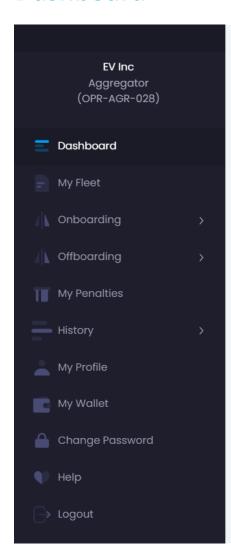


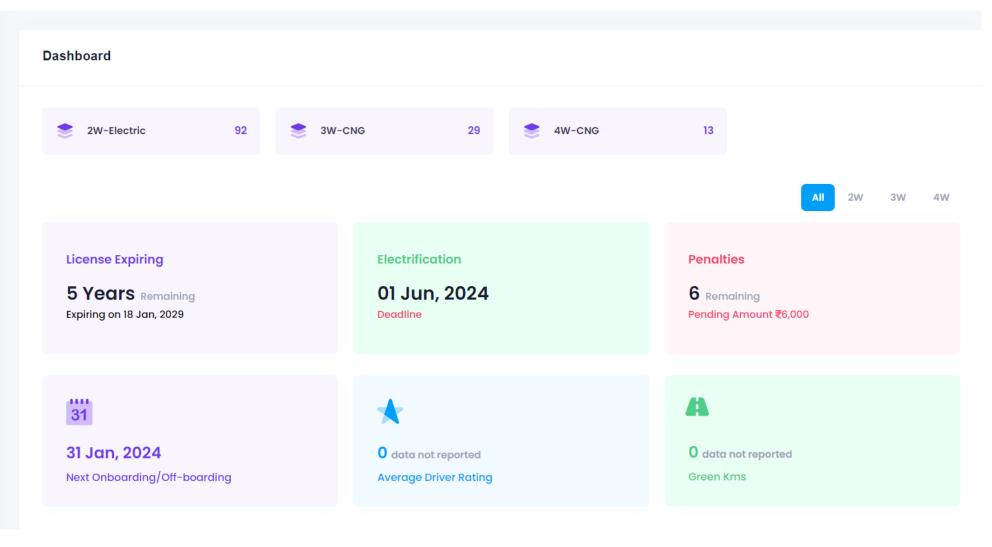






Dashboard



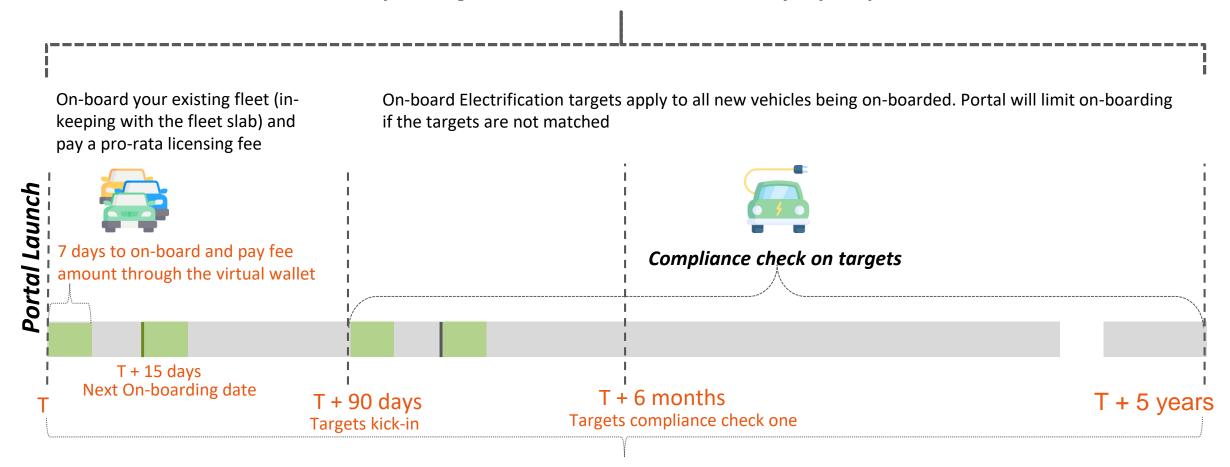






On-boarding / Off-boarding and Fleet Electrification Targets

Licensed period against declared fleet slab and Security deposit paid

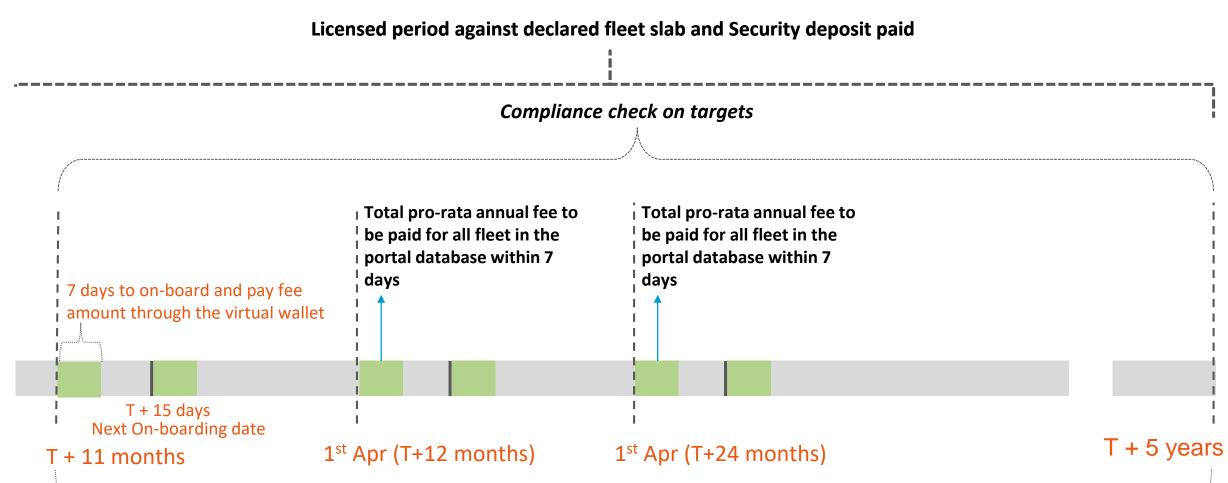


No time restrictions on off-boarding





On-boarding / Off-boarding and Fleet Electrification Targets

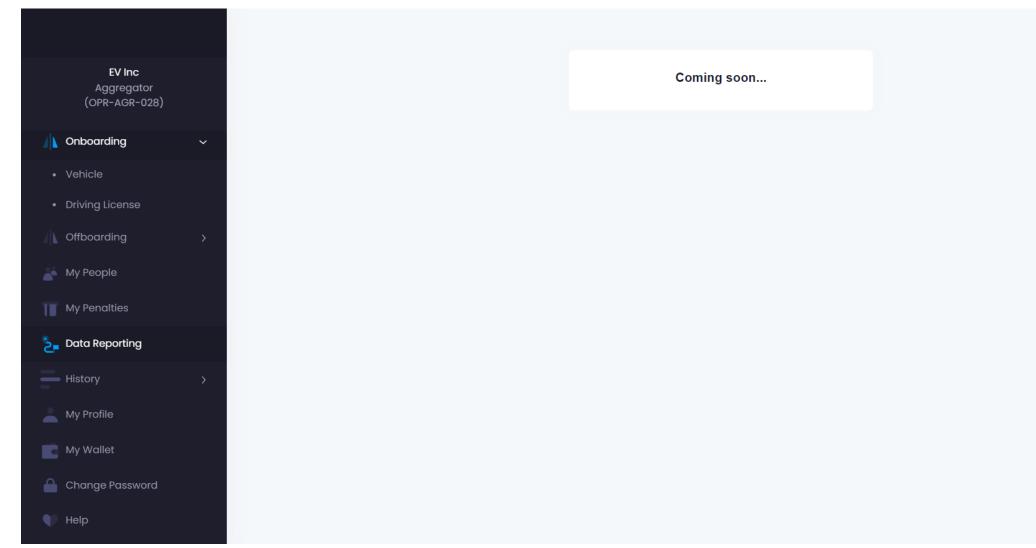


No time restrictions on off-boarding





Data Reporting for license holders in templates share by the authority







Dashboard to map impact and design future policy instruments / incentives under this scheme

Periodic Data Reporting

Use Case

1

Periodically self-reported (aggregated) data on driver ratings and vehicle-wise utilisation (trip Kms)

Public Dashboard

- Tracking Pan-Delhi electrification, pollutant reduction by vehicle type.
- Baseline increments for aggregators.

2

Periodically self-reported <u>sample</u> of anonymised trip-wise data

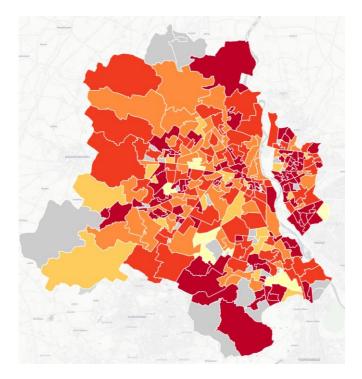
Master Planning

• Aggregated Pan Delhi analysis through heat-maps for charging and parking infrastructure assessment.





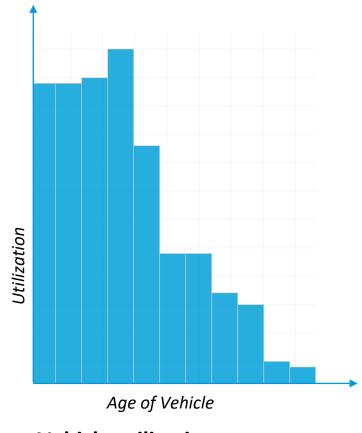
Planned insights for street and mobility planning



Trip Density maps



Pick-up drop heat maps



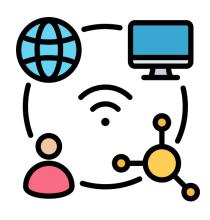
Vehicle utilisation rates

Note: Images are for reference only





And it is linked to direct, tangible benefits in the ecosystem!



- How many charging stations are required in the City, and where?
- How many metro stations across Delhi need a pickup-drop area for ridehailing?
- Does Connaught Place have enough parking spots for commercial vehicles?
- What could be the differential charging tariffs across the city?
- Should retrofit kits for commercial vehicles be subsidised differently What should be the outlay amount, and what must be the cut-off age?





Challenges and *Solutions*



- Data reporting style across various entities
 Standard reporting template specified, which shall be available for downloads
- Additional costs on reporting
 Simplified formats (.CSV) are available to mitigate the costs of API-based sharing
- Concerns about data privacy of Users
 Except gender, no other user-specific information is sought. Thus, data is completely anonymised.
- Raw data reporting
 Only sample trip-wise data being collected and all insights shall be reported in an aggregated manner only.





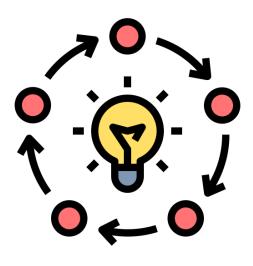
Dashboard and portal benefits for License holders



- One-stop shop for managing compliance of vehicles and drivers.
- Mitigate risks of instance-based negative sentiments.
- Regularly updated content for media to highlight aggregators impact and success stories.
- Creating a fair market to improve competitiveness.
- Government-validated data to tap in future carbon finance markets.



Suggestions Needed from our Stakeholders



- What other feature(s)/ analysis must the portal have? How will that feature be helpful to you?
 - Can the feature suggested bring benefits to your operations?
 - Will it help the electrification of operations faster?
 - Can it inform other government policies/schemes?
 - Can it bring other co-benefits regulatory, financial, social and environmental? What are these benefits? Can you provide a usecase for them?



Thank you



