

Creating Innovative Solutions for a Sustainable Future

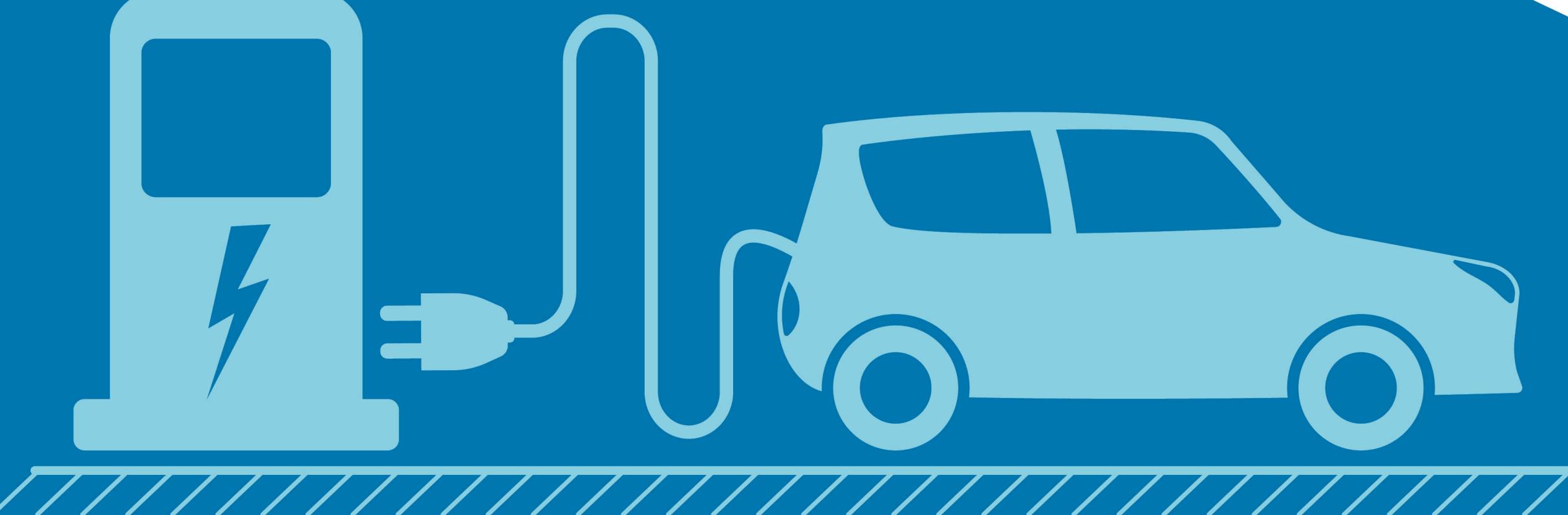
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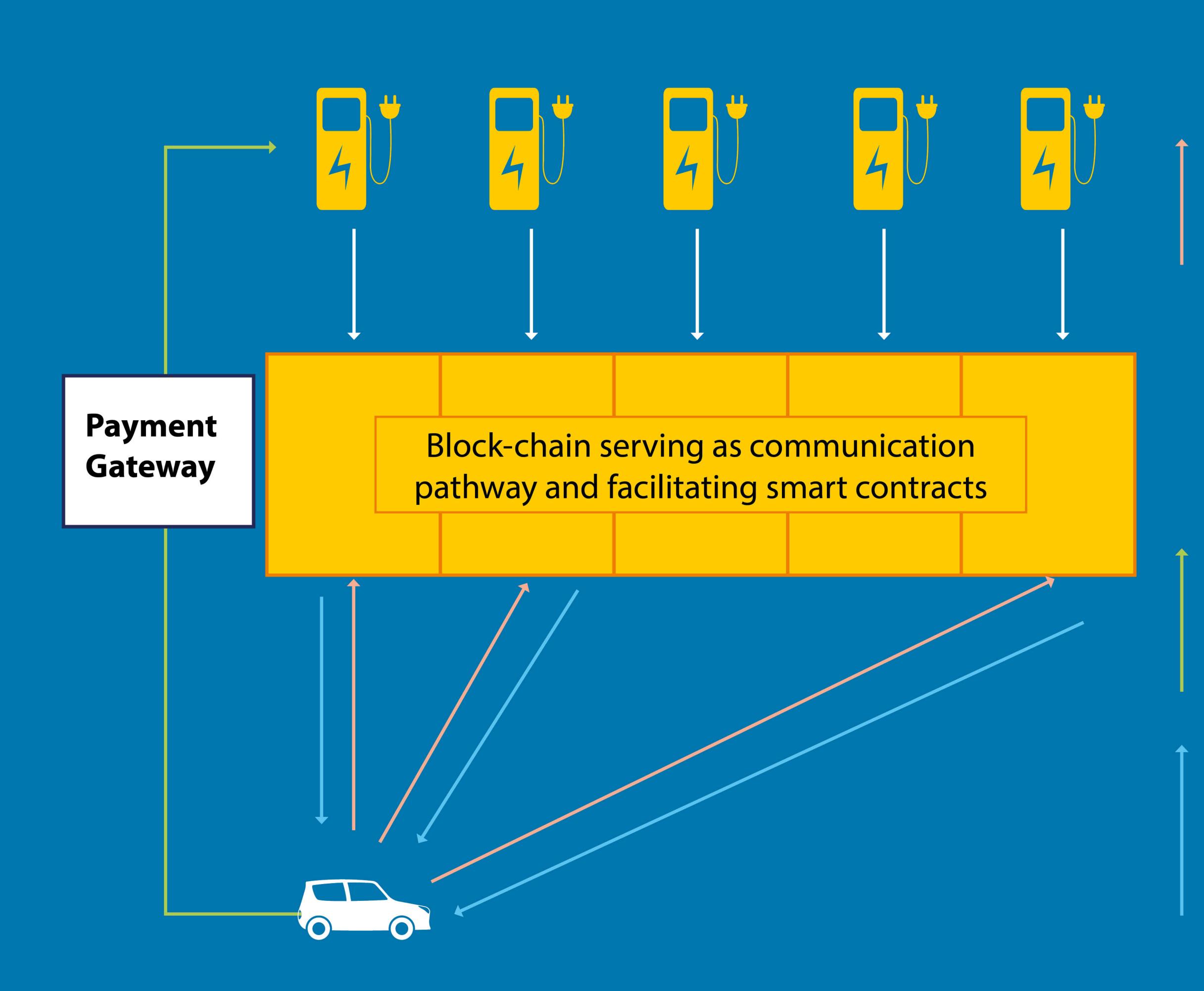


## 'P-2-P' Vehicle Charging – Block-chain as a driver to foster EV adoption in India

**Objective:** Economical use of existing privately owned charging infrastructure while reducing the issue of range anxiety

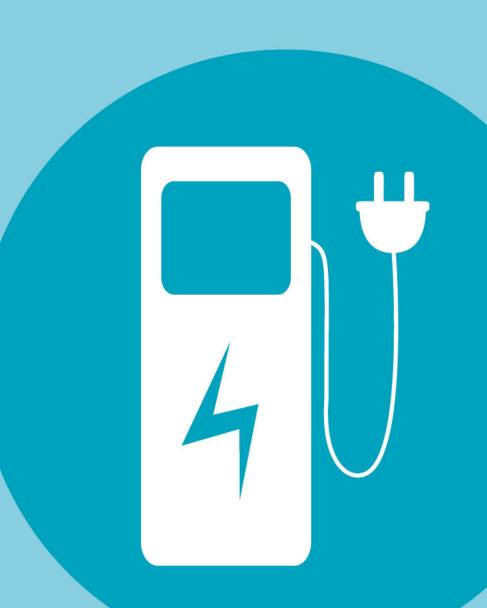






- 1. Application searches for nearest and suitable charging stations using user specific data.
- 2. Approves the best charging option from the various charger bids
- 1. Sets up the payment for the EV charging slot
- 1. EV chargers bid for the charging time slot by the EV
- 2. Signs a smart contract after approval from EV

**Outcome:** Range anxiety issue of EVs could be partially addressed and upfront investment and land requirement of setting up public charging station would be substantially reduced.



Project work is being undertaken under US-India CollAborative For Smart DiStribution System WIth Storage (UI-ASSIST)