

Capacity Building Conference on 5G Himachal Pradesh

03rd November 2023

Core Members



Associate Members



The Industry thanks Government of Himachal Pradesh for progressive approach and continuous engagement for enhancing the Telecom Infra.

Himachal Pradesh – Monthly Average

Dashboard - States/UTs

Yearly - Disposals

10/31/2023 12:34:30 PM
Last Data Refreshed

Overview -
State wise

Overview -
District wise

Overview -
Pendency

**Yearly
Disposals**

Disposal Time
Analysis

Monthly App
Handling

State wise
App Handling

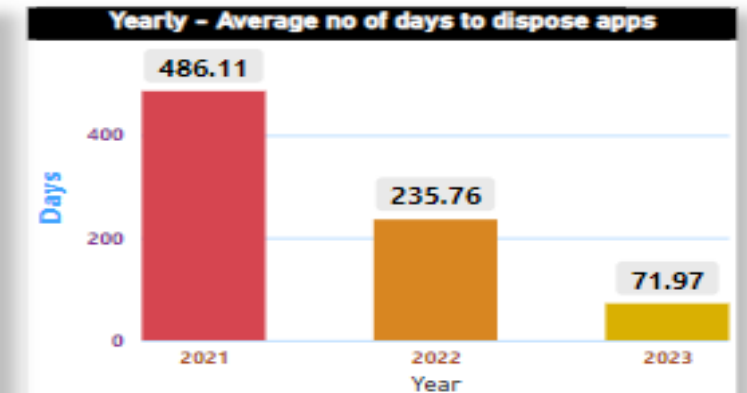
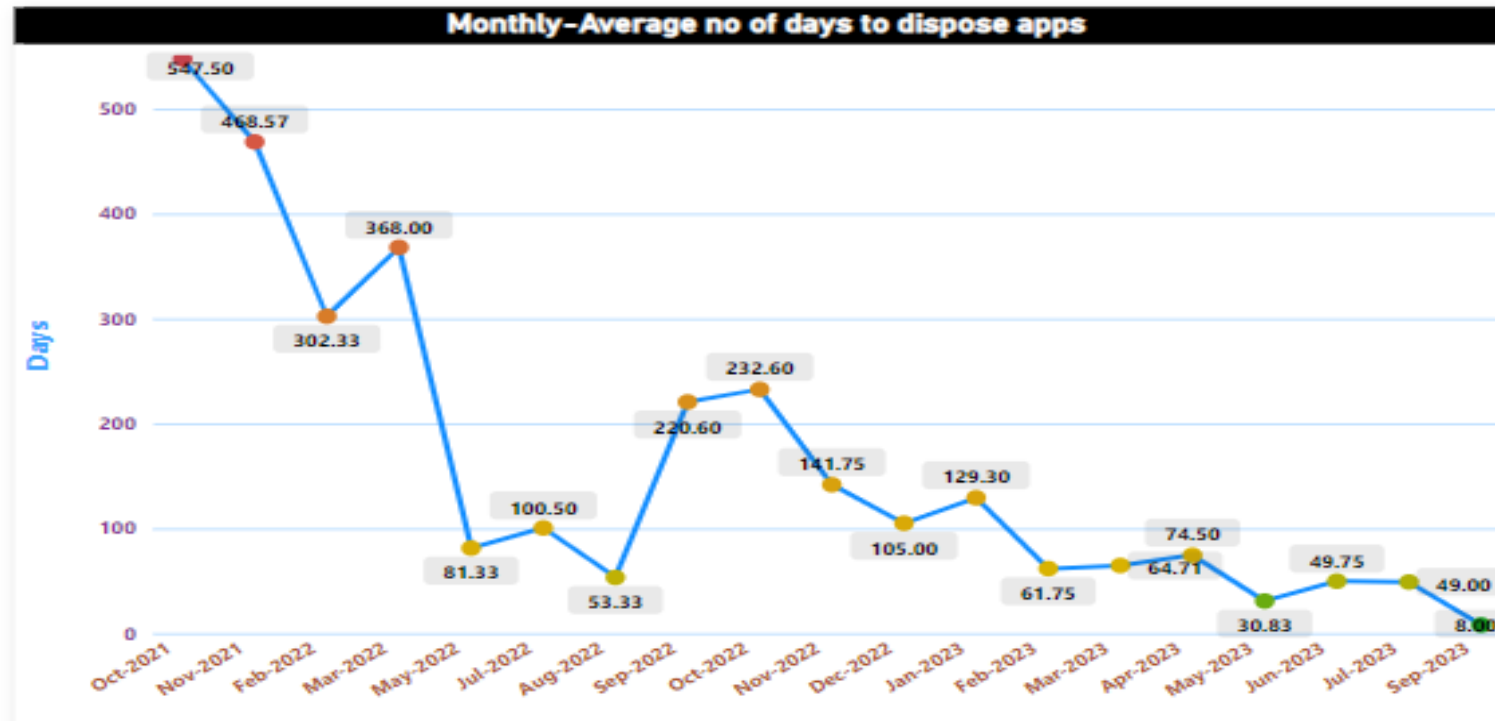
Month wise
App Growth

State Wise -
Applicants

Applicants
Distribution

Tower
Charges

RoW Charges

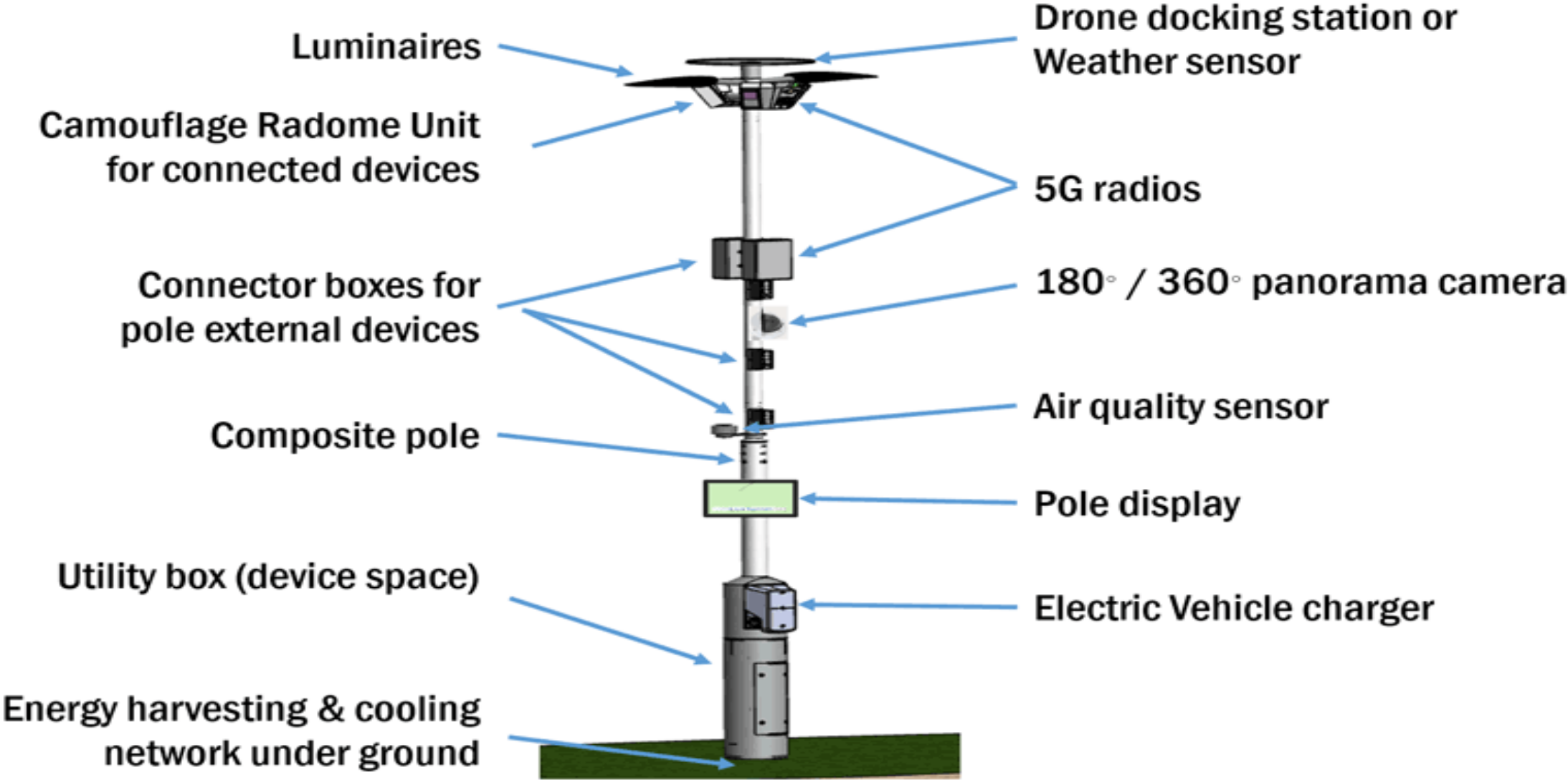


Select State

- ☐ Dadra and Nagar Haveli and Daman Diu
- ☐ Delhi
- ☐ Gujarat
- ☐ Haryana
- ☒ Himachal Pradesh
- ☐ Jammu and Kashmir

Source – Gati-Shakti Sanchar Portal

Smart 5G Light Pole Infrastructure



Street Furniture and Small Cells Installed in India



Street Furniture and Small Cells Installed in India



Smart Bus Stop, Kolkata



Smart Bus Stop, Aurangabad

Why Aerial?

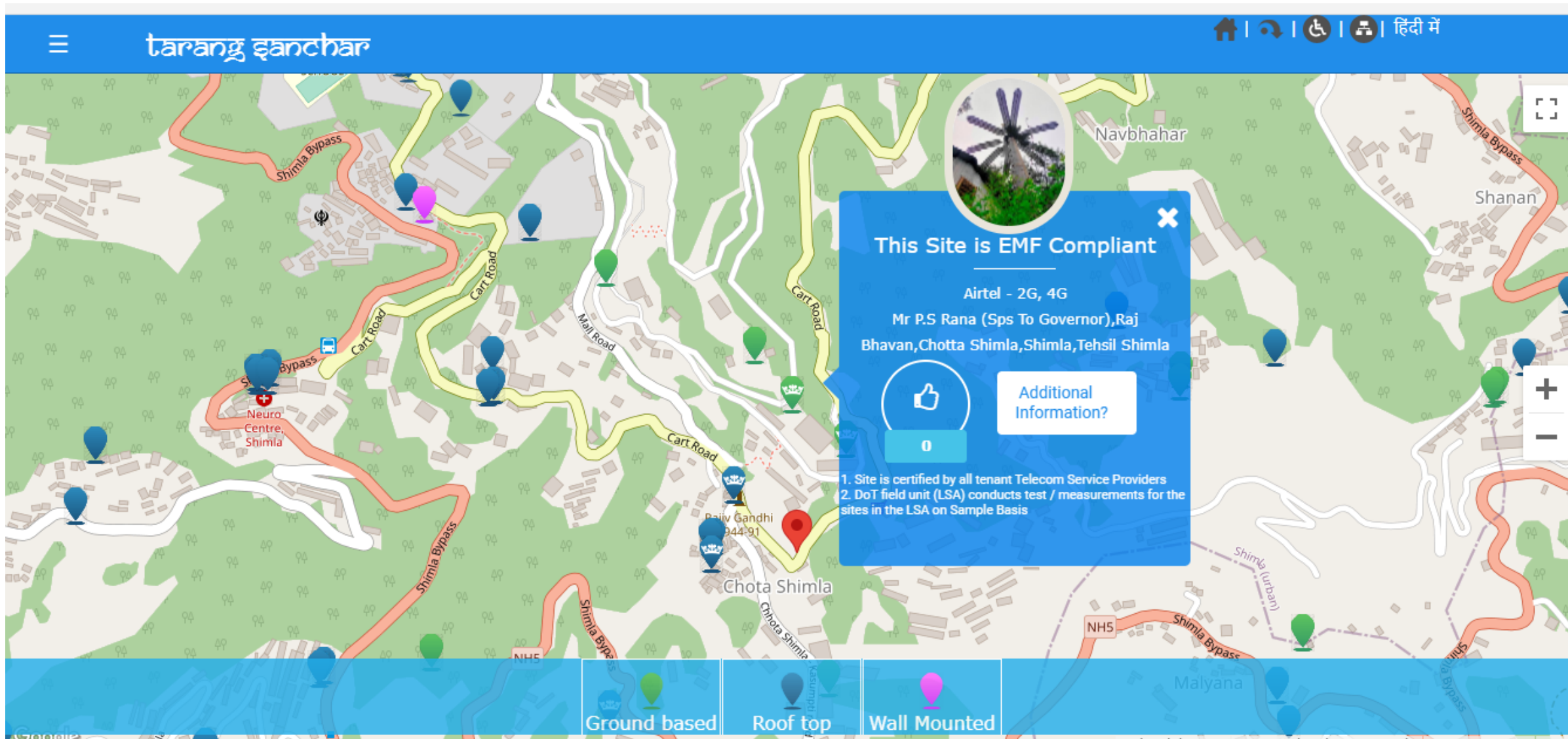
- I. For faster 5G deployment & for FTTX, fibre is required to reach to each building, commercial entity etc.
- II. It is also a revenue generation opportunity for the State Govt/ Local Authorities - Poles/Outdoor installation.
- III. Cost-effective solution in rural or low-density areas. Undulating, rocky makes cable laying more difficult
- IV. Aerial cable is typically faster and less expensive to deploy than digging, challenges like lack of an underground telecom duct network



1. **Alignment with RoW (Amendment) Rules 2022 & 2023:** Align the HPROW-21 with RoW Amendment Rules 2022 & 2023 for faster 5G deployment.
2. **Common Ducts:**
 - a) Availability of common ducts in the State, shared with TSPs/ IP-1s on minimum rentals.
 - b) Construction of common ducts during construction of New/Widening of Roads.
3. **Fiberization of Telecom Towers:** Fiberization of Towers in the State is at around 33% which is the lowest in the country. Industry request for facilitating OFC laying for expediting fiberization in the State.
4. **Support from Local Authorities:** for strengthening of telecom infra. local authorities to make provision for allocation of Land and Buildings which may include:
 - a) Vacant Lands Including parks
 - b) School Buildings
 - c) Hospitals / Dispensaries
 - d) Roadside Public utility service.
 - e) Street Furniture (Poles, Bus Stand etc.)
 - f) Authority Offices

5. **Availing Green Energy through Open Access Rules, 2023**: “Electricity (Promoting Renewable Energy Through Green Energy Open Access) (Second Amendment) Rules, 2023, has allowed aggregation of telecom sites having connected load of 100 kW or more located in same the electricity division. We request that the Govt. of Himachal Pradesh to kindly incorporated the same in the State.
6. **Implementation of Composite Billing**: To enhance Ease of doing business, Ministry of Power (MoP) has issued an advisory dated 24th May 2023 to the States/UTs to establish a mechanism for issuance of single composite billing for multiple meters (with detailed of individual metering) and payment of such composite billing. We request that the Govt. of Himachal Pradesh should incorporate the same in the State.
7. **Adoption of ‘Call before you dig’ (cBuD)**: to secure existing fiber network.

Tarang Sanchar – At click of button for Citizens





Thank You