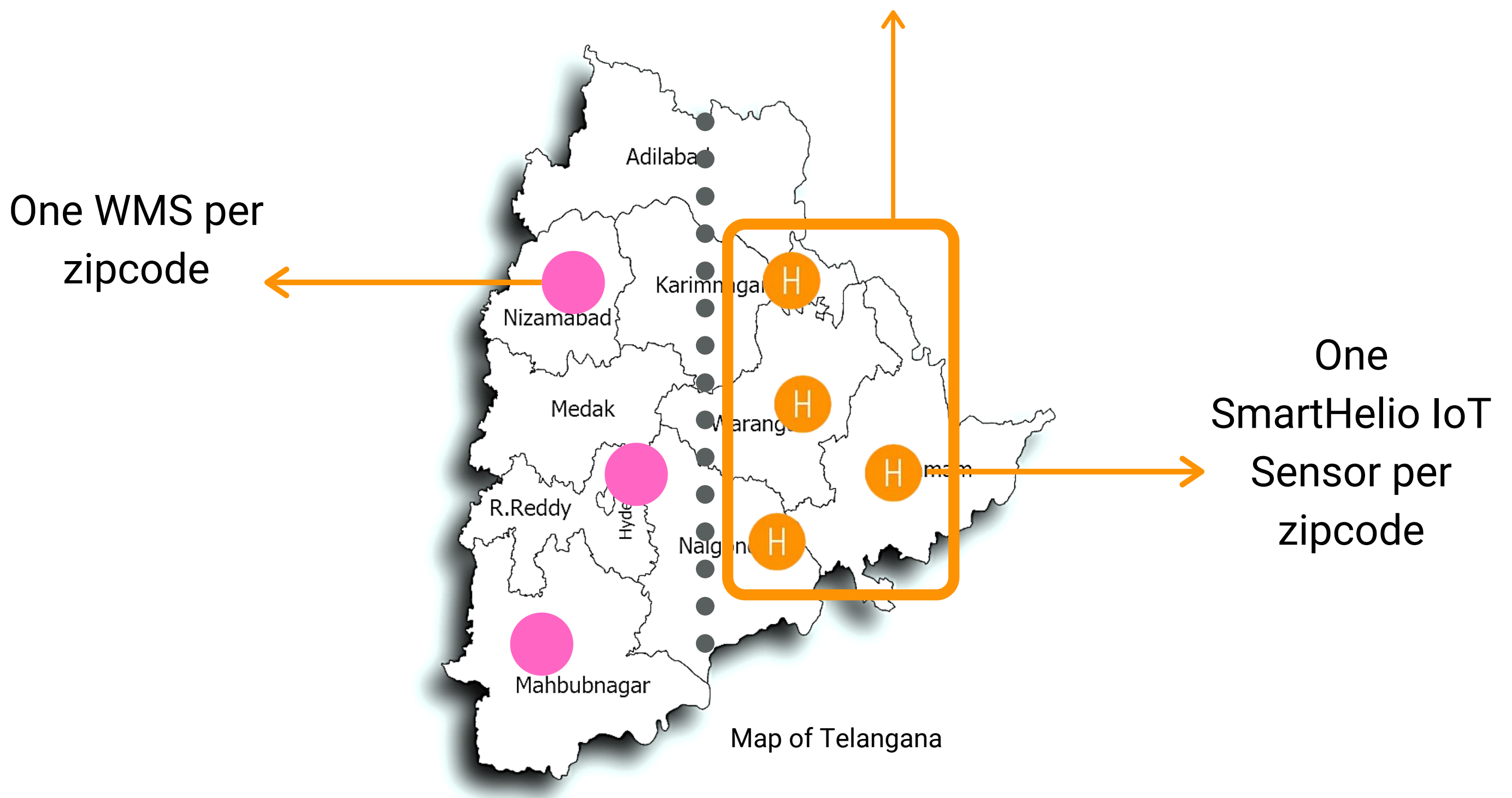


SmartHelio's Plug-and-Play, Smart IoT sensor, HelioHealth, uses the **panel's V&I and proprietary Clear Sky Model** to calculate the Irradiance, module temperature, etc. The Sensors operate in an IoT **mesh network** and talk to each other to help **benchmark and compare** irradiance and Product Quality.



## Delivering not just Weather Data but Business Intelligence

### Irradiance Sensor/WMS

- Captures **only** the Irradiance/Weather Data
- Needs **Periodic Cleaning** and Re-calibration
- No sensor to sensor Communication

### HelioHealth Sensor

- Captures Panel's V&I to derive Weather and Performance Data(Ex. **Soiling Trend, Module Performance (Degradation)**, etc.)
- **No Maintenance Needed**
- **Interconnected Sensors**