



Provista



Provista

Innovate for a Safer Tomorrow!

Get Started



It's 2024, But....

But there is lack of proper

- **Health Monitoring System** – Lack of medical checks and on-site doctors in mining increases fatalities and safety risks.
- **Communication & Tracking Facilities** – Tracking and communication challenges, as seen in the Uttarakhand tunnel incident, pose safety risks.
- **Solution Urgency** – Urgent need for miner safety with better health monitoring, medical aid, and tracking.



Who we are

Name of your Venture: Provista

Why ?



To establish secure life for underground miners who dedicate their life for nation's growth



What ?



- To monitor the intrinsic and extrinsic parameters which affect the miners life.
- To establish communication at underground environment.
- To achieve tracking of the miners location.
- To achieve emergency service through the evacuation teams.



How ?



- To establish the full fledged underground connectivity through LoRa repeaters.
- To sell this product to support mining industry people.



Provista - The Solution



UNDERGROUND CONNECTIVITY

Establishment of connection through LoRa receivers and LAN cables.



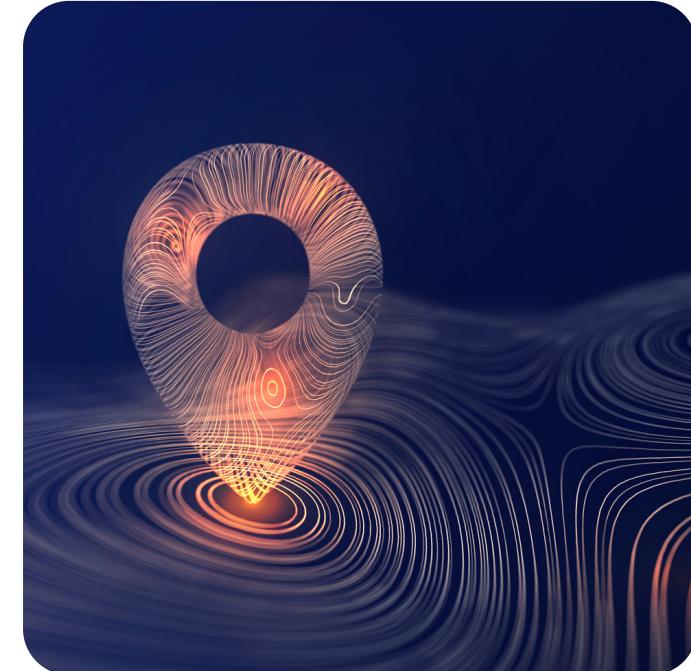
PROTECTIVE ENVIRONMENT

Real-time health monitoring and environment monitoring to ensure miner's safety.



ALERTING SYSTEMS

Alerting miners through headings and alarms during emergency situations.



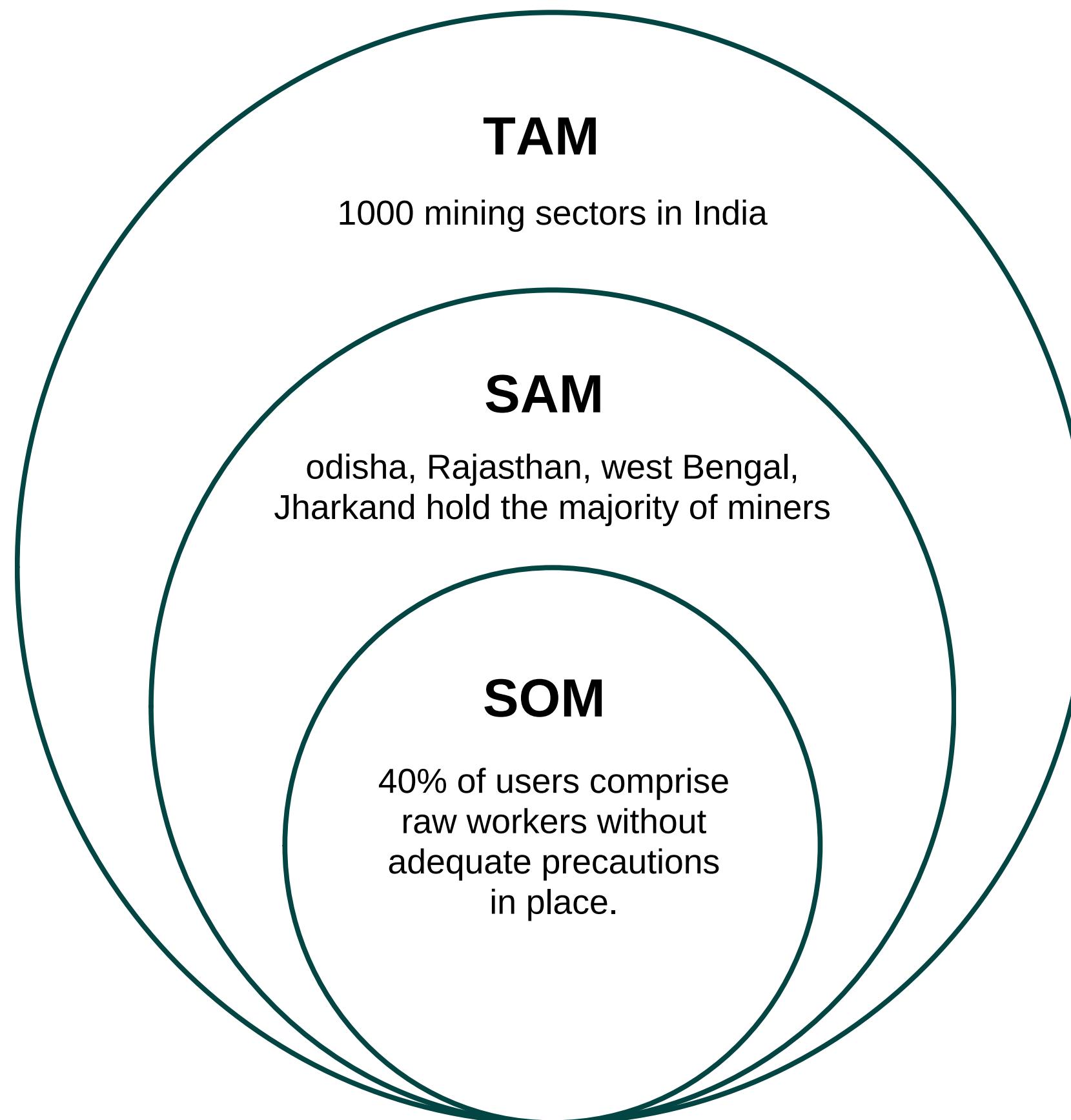
TRACKING SYSTEM

Location of the miners can be tracked.



Technology Feasibility

- **Hardware Controls** – Max30102 (Heart Rate), IM75 (Temperature), MPU6050 (Location), LoRa (Communication).
- **Software Controls** – An Web Application to view the data analytics.

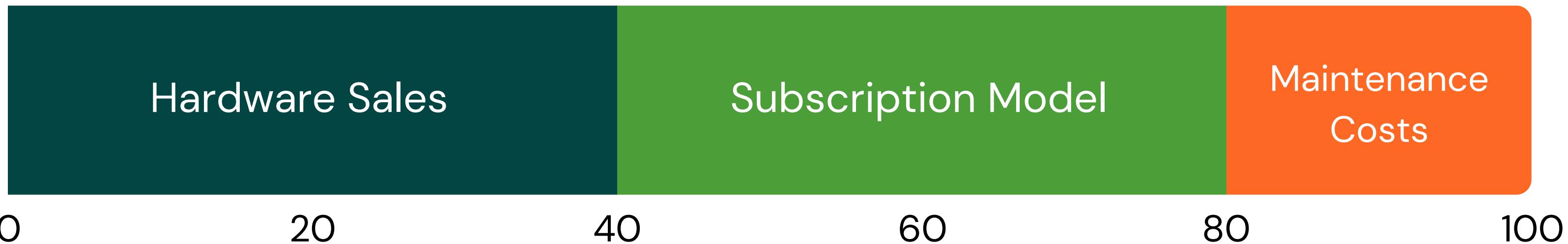


Market Size

- **Target Addressable Market (TAM)** - There are 1000 mining sectors in India according to 2022 - 23.
- **Serviceable Addressable Market (SAM)** - odisha, Rajasthan, west Bengal, Jharkand hold the majority of the miners out of that 1000 mining sectors.
- **Serviceable Obtainable Market (SOM)** - 40% of users comprise raw workers without adequate precautions in place.

Revenue Streams

- **Active Income**
 - Hardware Sales - 40%
- **Passive Income**
 - Subscription Model - 40%
 - Maintenance Costs - 20%





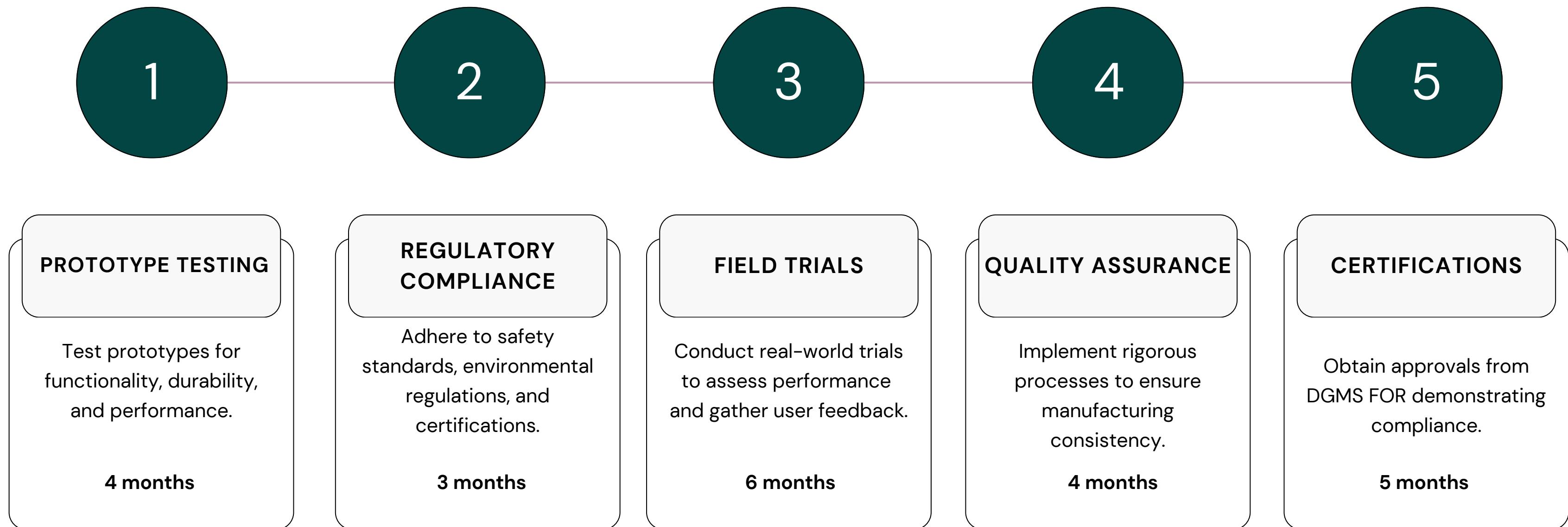
Impact Metrics

- Reducing accidents and injuries.
- Preventing long term health issues.
- Promoting environmentally responsible practices.
- Creating healthy work environment.





Product launch Roadmap





Thank You

For further queries, contact us at



sreerambalamurugan@gmail.com



9789368063