

## Project No. 9

<b>Sector</b>	<b>Eco-Restoration (Pollution Control)</b>
<b>Project Name</b>	<b>Establishment of Continuous ambient air quality monitoring (CAAQMS), Mobile Van and Integrated Noise level monitoring in Mining affected areas of Tumkur District</b>
<b>Submitted by</b>	Karnataka State Pollution Control Board (KSPCB)
<b>Project Cost</b>	<b>INR 11.90 Cr.</b>
<b>Coverage</b>	<b>Chikkanayakanahalli, Gubbi, Tiptur Talukas</b>
<b>Project Duration</b>	Medium Term (1-3 Years)
<b>PIA</b>	Karnataka State Pollution Control Board (KSPCB), Vijayanagara
<b>Objective</b>	To improve regulatory control on pollution and provide better environmental conditions in the mining-affected areas of the district.
<b>Output</b>	<ul style="list-style-type: none"> <li>CAAQM stations - 3 Nos.</li> <li>Integrated Noise level meter stations - 4 nos.</li> <li>Mobile Van with continuous ambient air quality monitoring - 1 no.</li> </ul>
<b>Justification</b>	<ul style="list-style-type: none"> <li>Several villages in the above-mentioned Talukas are surrounded by Iron/ Manganese/ Limestone mining areas and there is a need for Continuous monitoring of the Air Pollutants.</li> <li>Mined-Ore transportation is also undertaken through the area.</li> <li>Real-time monitoring from these facilities will help in calculating the air quality index to issue health advisories, as well as for the formulation of an action plan to meet standards.</li> <li>Due to lack of fund availability at the Department for this purpose, the activities have been proposed under CEPMIZ for funding support.</li> </ul>
<b>Outcome (Expected Measurable Benefits)</b>	<ul style="list-style-type: none"> <li>Improved monitoring of air quality and noise levels in the region.</li> <li>Improved environmental conditions for mining-affected habitations.</li> <li>Improved health conditions in mining-affected habitations.</li> </ul>