

## **ABSTRACT**

In last twenty years the integration of environmental issues into the planning and operation of a mine have become an accepted norm on almost every side of the globe. More recently the emphasis of the environmental implications has shifted towards the idea of planning for closure. Not only can the implementation of concepts like: good planning and environmental management often result in a more satisfactory environmental conclusion but it can also reduce the financial burden of mine closure. Closure planning requires the evaluation of liabilities from environmental, technical, social, financial and regulatory perspectives. Proper planning for closure should come during the feasibility study, design and permitting phases of a mine, and be upgraded during operational life. In country like India important legislative measures have been taken over the last two decades. However, it has been observed that there is not so much good intention expressed; much remains to be done by the mining companies of India for closure planning. Experiences have manifested to a convincing extent that unless backed by appropriate strategy for ensuring mine closure, it may actually boomerang on the policy planners. This project through components like: setting of objectives, defining completion criteria, planning, implementation of closure plan, review process, decommissioning, monitoring and reporting suggested strategies for mine closure in India during all phases of mineral development in environmentally sustainable manner. Regulating authorities require that all mining companies in India must, throughout the life of the mine, plan for closure and during preparation of closure plan follow guidelines.