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2024

ASPASA PRESENTATION: SMALL SCALE MINING

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INTRODUCTION TO MINTEK

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- With a proud history extending as far back as 1934, MINTEK has become a leading provider of minerals processing and metallurgical engineering products and services to industries world-wide.
- Our commitment to innovation and our world-class research and development expertise is supported by a physical infrastructure of modern laboratories, pilot plants and workshops.

DIVISIONAL OVERVIEW: MINING & MINERAL ECONOMICS (MME)

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- MME provides in-depth, multi-disciplinary, strategic market insight and policy support to clients involved directly and indirectly in the minerals industry.
- Research areas are topical, integrated and focused around all parts of the mining and minerals value chain. MME is establishing competence in facilitating the rehabilitation of abandoned mines across South Africa.

DIVISIONAL OVERVIEW: MME

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- Mintek supports the artisanal small-scale mining sector through research and development of new processes, processing technologies, and environmental management.
- We also produce feasibility reports, develop and adapt technologies, and provide training to individuals who can subsequently participate in gainful employment through self-employment or absorption into an existing relevant business enterprise.

DIVISIONAL OVERVIEW: MME

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STRATEGIC GOAL:

To promote the mineral-based economies of rural and marginalised communities, through technical assistance and skills development.

NATIONAL DEVELOPMENT PLAN:

Outcome 4

Decent employment through inclusive economic growth

Outcome 7

Vibrant, equitable and sustainable rural communities with food security for all

Outcome 10

Environmental assets and natural resources that are well protected and continually enhanced

Outcome 11

Creating a better South Africa and contributing to a better and safer Africa in a better world

AREAS OF CAPACITY

SSM Mineral
Studies

Feasibility Studies

Minerals
Evaluation

SSM Technology

Sectoral Studies

Skills
Development/
Transfer

Market Research
and Access

Community-level
Programmes

Advisory &
Support

PROGRAMME: GEMSTONE BENEFICIATION

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PROGRAMME: 3D PRINTING & JEWELLERY MANUFACTURE

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PROGRAMME: BEADS & CRAFT PRODUCTION



PROGRAMME: CERAMICS



PROGRAMME: SMALL SCALE MINING TRAINING

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THANK YOU



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