



## Elizabeth Bay Mine

### Project Analysis – Elizabeth Bay Development

#### 1. Extracted Data Table

**Project Name:** Elizabeth Bay Mine & Associated Mining Licenses Acquisition

**Location:** Lüderitz, Namibia

**Total Investment (USD):** 313.721.691,00

**Sector / Type:** Mining, Renewable Energy, Infrastructure, Housing, Water Utilities, Aviation, Social Infrastructure

**Ancillary Projects:** 19 total (energy, housing, industrial, airport, desalination, etc.)

**Cost Per Ancillary Project:** N/A

#### 2. Narrative Description of Ancillary Projects

The development includes 19 strategic ancillary projects supporting mining operations and community upliftment.

Renewable energy assets (solar, wind, battery), 56 greenhouses, a hospital, school, 40 km roads, airport facilities,

industrial zones, commercial developments, and diverse housing solutions form a complete ecosystem for long-term sustainability.

#### 3. Defined Roles of Crunchygalaxy

Crunchygalaxy leads financial structuring, investment mobilisation, EPC coordination, compliance, governance,

operational planning, aviation oversight, and partnership development. Responsibilities include feasibility oversight,

project integration, community upliftment, and sector-specific leadership in energy, water, housing, and industrial systems.

#### 4. One-Page Executive Summary

The Elizabeth Bay Mine project integrates a major mine acquisition with a transformative regional development program in Lüderitz, Namibia. Covering more than 245,000 hectares of land and marine mining rights, the project modernises diamond extraction through advanced processing plants, enhanced security, and environmentally responsible operations. Its 19 ancillary developments create a fully supported mining ecosystem anchored by renewable energy, critical infrastructure, housing, water utilities, and community services.

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The strategic objective is to revive the Elizabeth Bay Mine as a benchmark for sustainable mining while catalysing long-term socio-economic development. The location, Lüderitz, benefits from emerging renewable energy capability, rising tourism, marine resources, and national interest in green industrialisation.

The investment scope spans renewable energy (10 MW solar, 10 MW battery, 30 MW wind), 800+ housing units, industrial zones, logistics infrastructure, a desalination plant, a wastewater plant, airport upgrades, medical and educational facilities, and advanced commercial and tourism assets. While detailed costs exist throughout the project file, a consolidated USD investment figure is not explicitly stated. Cash-flow and expenditure schedules are provided over a 30-month horizon.

Expected impacts include thousands of jobs, SME expansion, improved healthcare and education, enhanced water security, and strengthened regional transport and energy infrastructure. Environmental gains arise from renewable energy adoption, desalination, wastewater recovery, and full ESIA compliance.

Crunchygalaxy plays core roles in financial structuring, investment mobilisation, EPC coordination, governance, due diligence, aviation oversight, and operational planning. Its international expertise ensures the commercial viability and long-term sustainability of all project elements.

Key next steps include consolidating all cost elements, completing feasibility studies, finalising EPC agreements, securing financing commitments, executing regulatory processes, and mobilising early works across energy, water, housing, and industrial infrastructure.

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