S02 – MINING & MINERAL RESOURCES

Development of Mining Sector Value Chains (Iron, Gypsum, Phosphates, Salt, and Construction Materials)

Sponsored by **Ministry of Mines**



ESTIMATED PROJECT COST	LOCATION	FINANCING SOUGHT
EUR 25.46 million	**Nationwide**	**Financing to be secured**

All monetary figures are in EUR. Converted estimates are indicative and rounded; source estimates may use different valuation bases.

Investment opportunity

Salt and natron: artisanal brine extraction in Dosso, Diffa, Agadez, and Zinder Regions employs a substantial workforce and provides significant output for industry and exports, but remains informal, without technical assistance and with very low productivity.

Iron: geological reserves in the Say and Diabou areas are estimated at 600 million metric tons grading 60% iron beneath less than 20 m of overburden, and 80 million metric tons grading 42% on the Kollo Plateau. Humboldt estimated 936 million metric tons grading 47.67% on the Say-Doguel Kaïna Plateau (60 km²) and 173 million metric tons grading 44.67% on the Kollo Plateau (18 km²). Iron has also been discovered in Ader Doutchi and Termit.

Gypsum: a belt approximately 50 km wide extends from Galmi to Kaou (Madaoua, Bouza, Birni N'Konni, and Tchintabaraden). The In-Aridal deposit, north of the Iullemeden Basin, has estimated recoverable reserves of nearly 500,000 metric tons. Gypsum accounts for 4% of cement production inputs and is also used to produce sulfuric acid and plaster.

Phosphates: the Canadian mission assessed deposits between Gaoy and Innakeur (north of Tahoua) at 7,371,812 metric tons of P2O5 over 65.93 km², with nodules grading 17–35% P2O5.

Construction materials: Niamey's modernization (Niamey Nyala program) will require large quantities of sand, gravel, aggregates, tiles, and glass products. Rare earth occurrences (Gouré and Zarnouski ring complexes) and titanomagnetite occurrences (Sawa, 44% iron and 12% titanium) remain to be studied.

AT A GLANCE

PROJECT SPONSOR	Ministry of Mines
TARGET POPULATION	The State of Niger, technical and financial partners, artisanal miners, and business operators
REFERENCE	Project sheet submitted by the sponsor

Objectives

Develop and diversify the country's mineral resources

- Assess reserves of iron, titanium, gypsum, and phosphate deposits
- Establish an iron mining industry
- Achieve national self-sufficiency in steel consumption
- Develop the cement industry

- Discover favorable sites for gypsum extraction
- Assess available construction material resources at the inventoried sites
- Establish industrial construction material manufacturing facilities
- Establish industrial saltworks processing facilities
- Establish an industrial fertilizer production facility
- Discover new mineral occurrences
- Create employment for the local workforce

Components

1. Niger saltworks
2. Assessment of iron potential in Ader Doutchi, Say, and Termit
3. Assessment of gypsum potential in Ader Doutchi and In-Aridal
4. Development of construction materials from the Niger and Sirba Rivers
5. Study of Zarnouski rare earths
6. Quality testing and reserve assessment of phosphates in Innakeur Region and Gaoy Pond
7. Study of Sawa titanomagnetite occurrences

Expected outcomes

- Geochemical and geological maps of mineralized areas prepared at scales of 1:10,000, 1:25,000, and 1:100,000
- Identified deposits located and described, and mineral occurrence sheets prepared
- Domestic steel consumption supplied
- Gypsum distribution map prepared, showing favorable sites
- Best construction material sites identified, geotechnical characteristics defined, and reserves assessed
- Industrial construction material processing facilities installed
- Reserves and quality of all Niger's salts and natron established; Salines du Niger (SSN) SA legally incorporated
- Sector participants organized, with environmental and health considerations addressed
- Industrial phosphate processing facility established

Strategic alignment

PRR 2025–2029 pillar 3, "Developing the production base for economic sovereignty," section 5, "Mining and petroleum value chains" (AMP 03 and AMP 04). Budget program 205: development of geological infrastructure and mining promotion.

INVESTOR CONTACT

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INVESTOR INTRODUCTIONS

ANPIPS is the single point of contact: it connects investors with the project sponsor and arranges B2B meetings at F2IN 2026.