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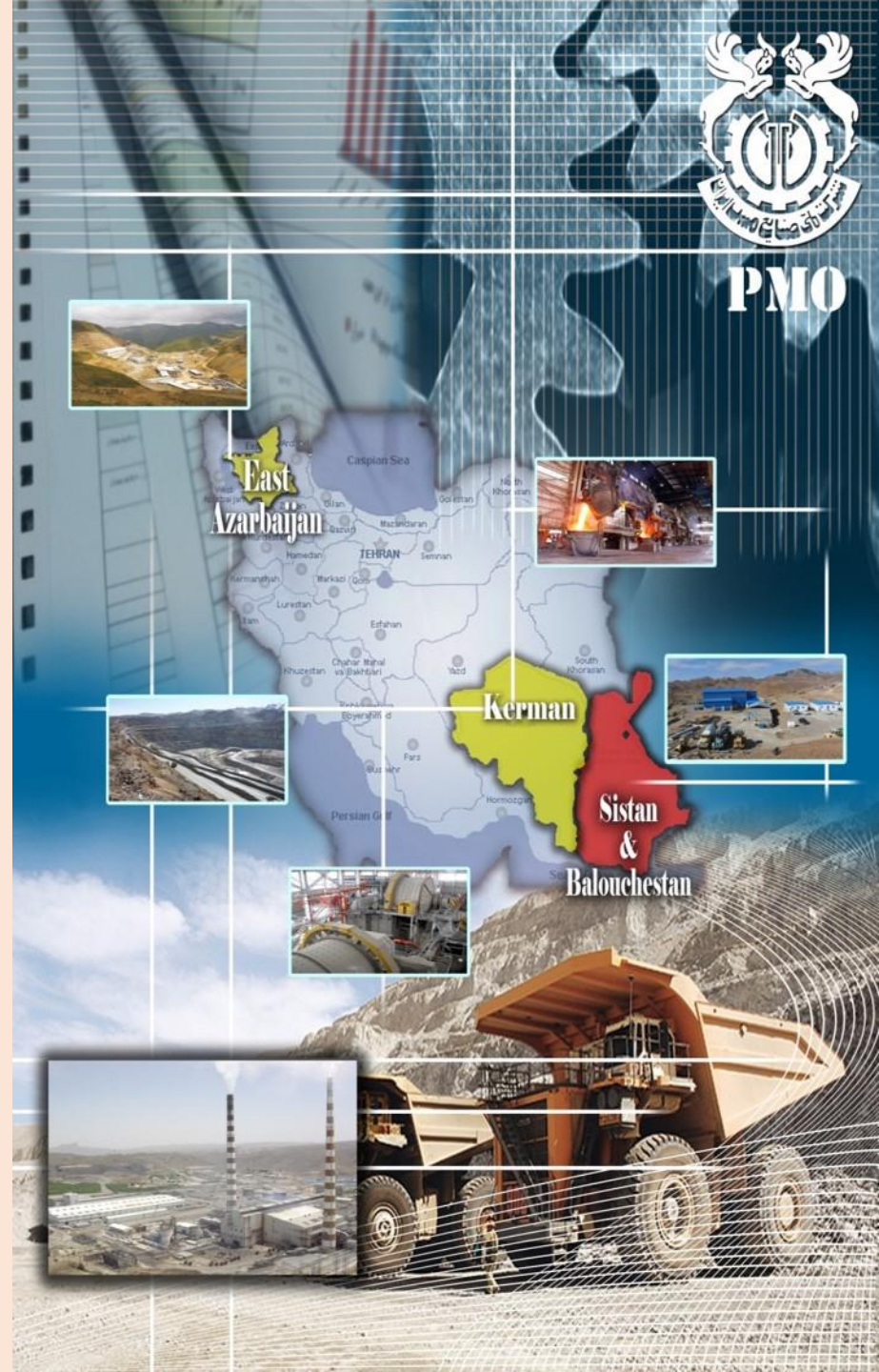
Development Projects

National Iranian Copper Industries Co.

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National Iranian Copper Industries Co.

● **1897 - 1267**

Archaeological discoveries

● **1967 - 1346**

First Exploration Activities

● **1972 - 1351**

Established (Kerman Copper Mines)

● **1973 -1352**

Construction Of Sarcheshmeh

● **1974 - 1353**

Pre-Stripping Operation

● **1974 - 1354**

Changing name to NICICo

National Iranian Copper Industries Co.

Plants Construction & Operation History

1982 - 1361

Sarcheshmeh Concentrator Plant
Sarcheshmeh Smelter Plant

1983 - 1362

Sarcheshmeh Molybdenum Plant

1984 - 1363

Sarcheshmeh Refinery Plant

1986 - 1365

Sarcheshmeh Casting Plant

1997 - 1376

Sarcheshmeh Leaching Plant

2004 - 1383

Sarcheshmeh Concentrator Expansion (Phase 1)

2004 - 1383

Miduk Copper Complex
Khatoun Abad Smelter

2006 - 1385

Sungun Copper Complex

2012 - 1391

Miduk Leaching Plant
Sungun Molybdenum Plant

2015 - 1394

Sarcheshmeh Concentrator Expansion (Phase 2)
Sungun Concentrator Expansion (Phase 2)

2016 - 1395

Khatoun Abad Refinery

2017 - 1396

Sarcheshmeh Smelter Expansion
Combined - Cycle Power Plant



National Iranian Copper Industries Co.

Mines Location

Sungun Complex

Kahang Mine

Taft Mine

Khatun Abad Smelter

Darezar Mine

Miduk, & Chahfiroozeh Mine

Daralou Mine

Sarcheshmeh Complex

Chehelkoureh Mine





Mining Potential of Copper in Iran

| No. | Company | Mineral storage (Million tons) |
|----------|--|-----------------------------------|
| 1 | <i>Codelco</i> | 75 |
| 2 | <i>Southern Copper (ex SPCC)</i> | 62 |
| 3 | <i>F-McM Copper & Gold</i> | 56 |
| 4 | <i>BHP Billiton</i> | 41 |
| 5 | <i>Glencore</i> | 28 |
| 6 | <i>Rio Tinto</i> | 26 |
| 7 | <i>Anglo American plc</i> | 23 |
| 8 | <i>First Quantum Minerals</i> | 23 |
| 9 | <i>National Iranian Copper Ind. Co.</i> | 22 |
| 10 | <i>KGHM Polska Miedz</i> | 22 |
| 11 | <i>Teck</i> | 20 |
| 12 | <i>Vale</i> | 14 |
| 13 | <i>Antofagasta plc</i> | 13 |
| 14 | <i>Rest of the world</i> | 271 |
| | | 696 |



NICICO'S STRATEGY

420 K TONS COPPER CONTENT IN 2021

| Existing Mine | Developing Mines | Sulphur Ore (M TONS per YEAR) |
|---------------|-----------------------|----------------------------------|
| SUNGUN | | 14 |
| SARCHESHMEH | | 29 |
| SHAHR E BABAK | | 8 |
| | DAREZAR | 10.9 |
| | DARALOU | 7.6 |
| | CHAHFIROUZEH | 7 |
| | CHEHEL KOUREH ZAHEDAN | 0.3 |
| | DARE ZARESHK | 3.6 |
| TOTAL | | 79.4 |



PLANT CAPACITY – IN 2021

| REGION | COMPLEX | COPPER CONCENTRATE (K TONS) | ANODE (K TONS) | CATHODE (K TONS) |
|--------------|---|-----------------------------------|-------------------|---------------------|
| AZERBAIJAN | SUNGUN | ۳۰۰ | ۱۰۰ | ۱۰۰ |
| KERMAN | SARCHESHMEH , DAREZAR & DARALOU | ۸۸۰ | ۲۸۲ | ۲۴۰ |
| | MIDUK, CHAHFIROUZEH & KHATOUN ABAD | ۲۴۰ | ۱۲۰ | ۲۰۰ |
| TOTAL | | ۱,۴۲۰ | ۵۰۲ | ۵۴۰ |



INVESTMENT

EXPENDITURE

- 464 Million Euros
- 29,595 Billion Rials
- **TOTAL: 42,837 Billion Rials**

REMAINED

- 968 million Euros
- 59,823 Billion Rials
- **TOTAL: 151,828 Billion Rials**

TOTAL

- 1,433 Million Euros
- 89,417 Billion Euros
- **TOTAL: 194,655 Billion Rials**



Expansion Projects

- **Location:** Kerman
- **Capacity:** 100,000 tons Concentrate, at 27% average grade
- **Investment** (Million€): 350
- **END:** 2020

DARALOU
Mine &
Concentrator



- **Location:** Kerman
- **Capacity:** 150,000 tons Concentrate, at 26% average grade
- **Investment** (Million€): 318
- **END:** 2020

DAREZAR Mine
& Concentrator



- **Location:** Kerman
- **Capacity:** 100,000 tons Concentrate, at 25% average grade
- **Investment** (Million€): 319
- **END:** 2020

CHAHFIROUZE
Mine &
Concentrator



Investment in both domestic and foreign financing



Expansion Projects

- **Location:** Kerman
- **Capacity:** 120,000 tons anode from Concentrate
- **Investment** (Million€): 90
- **END:** 2019

KHATOUN
ABAD Smelter
Expansion



- **Location:** East Azerbaijan
- **Capacity:** 100,000 tons Cathode from Concentrate
- **Investment** (Million€): 250
- **Status:** Tendering

CATHODE
COPPER
Production
Plant



- **Location:** Kerman
- **Capacity:** 610,000 & 600,000 Tons Sulfuric acid
- **Investment** (Million€): 186
- **END:** 2018

KERMAN ACID
Plant
(Sarcheshmeh
& Khatoun
Abad



Investment in both domestic and foreign financing



Expansion Projects

- **Location:** East Azerbaijan
- **Capacity:** 3,000 tons cathode
- **Investment** (Million€): 35
- **END:** 2020

HEAP
LEACHING
Plant



- **Location:** East Azerbaijan
- **Capacity:** Lime Plant
- **Investment** (Million€): 16
- **END:** 2020

LIME Plant



- **Location:** Kerman
- **Capacity:** 2,000,000 tons
- **Investment** (Million€): 300
- **Status:** Tendering

FERTILIZER
Plant



Investment in both domestic and foreign financing



Expansion Projects

- **Location:** Yazd
- **Capacity:** 118,000 tons Concentrate., at 26% average grade
- **Investment** (Million€): 300
- **Status:** Waiting for EIA License

TAFT Mine &
Concentrator



- **Location:** Kerman
- **Capacity:** 53,000 tons Concentrate, at 20% average grade
- **Investment** (Million€): 22
- **Status:** Tendering

SLAG Floatation



Investment in both domestic and foreign financing



Expansion Projects

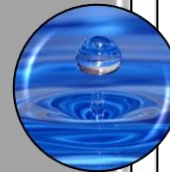
- **Location:** Bandar Abbas
- **Capacity:** 1,000,000 m³ per day Desalinated Water
- **Investment** (Million€): 750
- **END:** 2019

Desalination
and Water
Transfer of
Persian Gulf to
Southeast
Industries



- **Location:** -
- **Description:** Water Supply & Tailings Management
- **Investment** (Million€): 250
- **Status:** In Progress

Integrated
Water Master
Plan



- **Location:** -
- **Description:** Supply of Power Line and Equipment
- **Investment** (Million€): 110
- **Status:** In Progress

Integrated
Power Master
Plan



Investment in both domestic and foreign financing



FINANCIAL REPORT

| Project | Expenditure | | Remained | | Total investment | |
|--------------------|---------------|---------------|---------------|---------------|------------------|---------------|
| | Billion Rials | Million Euros | Billion Rials | Million Euros | Billion Rials | Million Euros |
| Darezar | 3,670 | 51 | 3,929 | 153 | 7,599 | 204 |
| Daralou | 2,080 | 76 | 9,303 | 50 | 11,383 | 126 |
| Chahfirouzeh | 750 | 45 | 8,153 | 86 | 8,903 | 131 |
| Azerbaijan Cathode | 830 | 19 | 16,098 | 100 | 16,928 | 119 |
| Fertilizer | 30 | 0 | 4 | 363 | 34 | 363 |
| Slag Floatation | 40 | 0 | 1,196 | 0 | 1,200 | 0 |
| TOTAL | 7,400 | 191 | 38,683 | 752 | 46,047 | 943 |



ENVIRONMENTAL AND SOCIAL ACTION PLAN

Internationally Recognised Standards:

- Equator Principles (EP III 2013).
- IFC Performance Standards (2012).
- IFC's Environmental, Health, and Safety -General Guidelines (2007).
- IFC's Environmental, Health and Safety Guidelines for Mining (2007).
- EU Directive on Management of Waste from the Extractive Industry.
- SEVESO Directive II-Technological Disaster Risk Reduction





ENVIRONMENTAL PROJECTS

□ SARCHESHMEH ACID PLANT

□ KHATOUN ABAD ACID PLANT

□ KHATOUN ABAD SMELTER PLANT

□ INTEGRATED WATER MASTER PLAN





*THANKS FOR YOUR
KIND ATTENTION*