

**Project title:** Sodium sulfide production line

**Products/Services:** Sodium sulfide

**Project description:** Sodium sulfide is a highly potent chemical reagent widely employed in various chemical reactions. In its industrial form, this compound exhibits a variable color spectrum due to the presence of polysulfides, ranging from yellow to dark red, contingent on factors such as water evaporation and iron content. During the sodium sulfide production process, a concurrent byproduct, sodium sulfate, is also generated, which is detrimental in the ore concentration process for copper mining. To eliminate this compound, the modification of the sulfur reduction process is imperative, and this can only be achieved with ample experience and expertise. Sodium sulfide plays a vital role in the concentration of copper ore, leather production, and various chemical industries. At our state-of-the-art facility, sodium sulfide is manufactured using the sulfur reduction method. Presently, our sodium sulfide production is primarily directed towards supplying the copper mining industry.

**Location:** Songon-Iran

**Annual capacity:** 40,000 Ton

## Financial Structure

### Financial Table

Description	Equivalent in Euro
Fix Capital	7,009,145.33
Working Capital	2,240,638
Total Investment	9,249,783

- Value of foreign equipment/machinery 3,772,779 €

- Value of local equipment/machinery 3,236,366€

- **Net Present Value (NPV):** 7,707,110,895 €for 5 Year

- **Internal Rate of Return (IRR) :** 73%

- **Payback Period (PP) :** Year

## Project Status

**Local / internal raw material access** 100 %

**Sale :** Anticipated export market 80%

**Construction Period :**12 month

### Project Status :

- |   |   |  |
|---|---|--|
| - Feasibility study available?  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| - Required land provided?   | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - Legal permissions (establishment license, foreign currency quota, environment, etc) taken?          | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - Partnership agreement concluded with local/foreign investor?  | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - Financing agreement concluded?  | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            |
| - Agreement with local / foreign contractor(s) concluded?   | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc) procured? | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - List of know-how, machinery, equipment, as well as seller / builder companies defined?              | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| - Purchase agreement for machinery, equipments and know- how concluded?                               | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |