

Investing shale rocks

Location	<p>Aleppo – Khanaser area – 60 km southeast of Aleppo</p> <p>The block area is /8/ km², with the possibility of expansion</p>
Site features	<p>It is located in northern Syria, where there is an urgent need for electricity and cement – the vastness of the site and the presence of large thicknesses of oil shale in it – a suitable location for opening future quarries – the ore can be invested quarried as the thickness of the cover does not exceed / 25–63 / m and the thickness of the ore / 250 / m – conditions are met geotactical and hydrogeological suitable for mining.</p>
Opportunity Details	<p>Extraction of bitumen from rocks impregnated with shale oil or direct burning to obtain electric power and the use of incineration residues in several other industries.</p>
Project products	<p>Main: electric power, oil and gas</p> <p>Subsidiaries: petrochemical products, asphalt, cement materials and others</p>
Uses of oil shale	<p>Generation of electric power by direct burning of oil shale – extraction of oil and laurel by distillation processes – production of asphalt for paving roads – cement industry by burning ash – soil enrichment using ash and residue – exploitation of oil as a petrochemical product used in the manufacture of plastics, pesticides and chemicals.</p>
Opportunity Justifications	<ul style="list-style-type: none"> • The urgent need for electricity in northern Syria and the possibility of covering it at the lowest cost. • The possibility of establishing a steam plant to generate electricity in Khanaser, with a capacity of 2 * 300 megawatts. • Burning oil shales to produce electric energy is an economical process and its results are widely visible. • Electric energy can exceed the needs of the region and provide the required quantities at present. • Power plants from the shale operate with a closed water circuit

	<p>and do not need additional quantities of water.</p> <ul style="list-style-type: none"> • Securing an economic need • A priority opportunity at this stage • Expected population growth • Securing job opportunities • High local demand • Proximity to sources of raw materials • Proximity to marketing centers • Availability of exceptional resources • Existence of complementary projects
<p>Incentives and Facilities</p>	<p>Incentives: Included with the incentives, benefits, and exemptions of Investment Law No. 18 of 2021.</p> <p>Private facilities:</p> <ol style="list-style-type: none"> 1. Allocation of a quarry from the General Organization for Geology and Mineral Resources, with the duration of the concluded contract subject to extension. 2. Obtaining the initial approvals. 3. Provide all available information and data on the ore. 4. The Agency addresses the concerned authorities to obtain the required approvals and facilitate procedures. 5. Addressing the public authorities to secure the necessary infrastructure.
<p>Estimated cost</p>	<p>800 million dollars</p>
<p>Annual returns</p>	<p>200 million dollars</p>
<p>capital recovery period</p>	<p>8 years</p>
<p>Responsible Party</p>	<p style="text-align: center;">Syrian Investment Agency</p> <hr/> <p style="text-align: center;">Tel: ٠٠٩٦٣ 11 4412684: Fax: 00963 11 4412684</p> <hr/> <p style="text-align: center;">www.sia.gov.sy syinvest@mail.com</p>