

## **Oil shale projects**

The Ministry of Energy and Mineral Resources is developing a general policy for the exploitation of oil shale in the Kingdom. The national energy strategy included sharing oil shale as an alternative energy source to contribute to the electric power mixture by an estimated 11 percent of the electric energy consumed in the Kingdom in 2020.

Oil shale is exploited in Jordan through three tracks:

- ✓ Deep oil shale heating to produce oil
- ✓ Oil shale retorting by surface mining to produce oil
- ✓ Direct combustion of oil shale to generate electricity

### **Types of shale investment agreements for shale retorting projects**

- Memorandum of Understanding: the stage of exploration and preparation of the initial economic feasibility.
- Commercial agreement: construction, development and production stage.

### **Memoranda of understanding:**

The Natural Resources Projects Directorate follows up the companies' signed memoranda of understanding that work to study the initial economic feasibility of implementing its projects in its area of interest before taking the decision to develop the project and the necessary procedures for that.

### **Companies signed commercial agreements:**

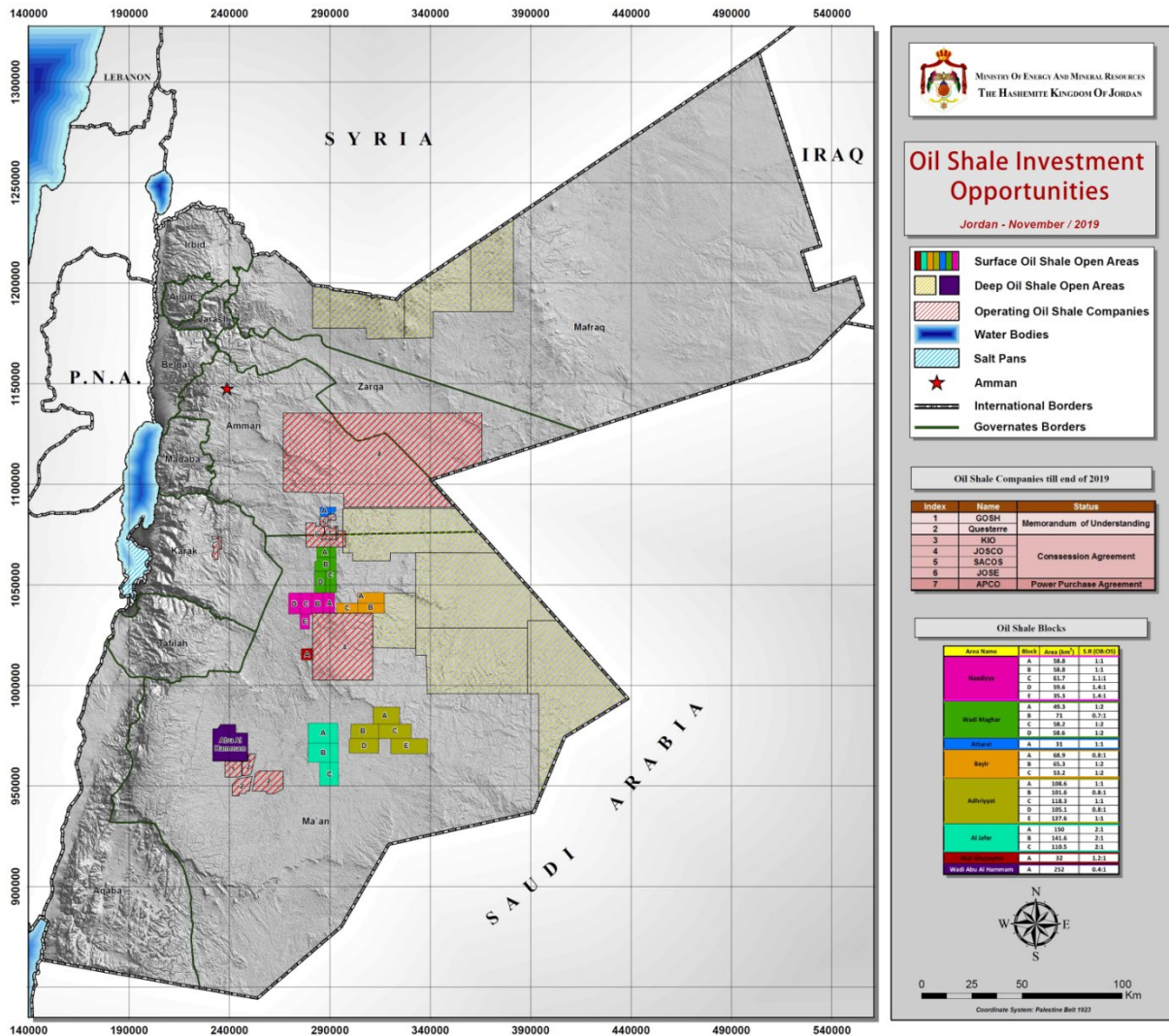
1. Jordan Oil Shale Company B.V (JOSCO)
2. Karak International for Oil Company
3. Saudi Arabian Oil Shale Corporation
4. Jordan Oil Shale Energy Company

### **Electricity generation projects by direct combustion of oil shale:**

Attarat Power Company (a coalition of Chinese, Malaysian and Estonian companies) signed project agreements to generate electricity by direct combustion of oil shale, first of its kind in Jordan and the region.

## Re-dividing open areas for investment

A project to re-divide the open areas for investment in oil shale, where illustrative maps were prepared for all areas of oil shale that have been studied and proposed for exploration. Marketing packages for the open areas for investment will be prepared for the purpose of presenting them to the investing and interested companies.



Map of the open areas for investment in oil shale