

# Weber Research Snapshot

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## Eilat Ashkelon Pipeline Co. Ltd - Europe Asia Pipeline Co.

### PIPELINES

EAPC operates three separate pipelines for crude oil and one for oil products.

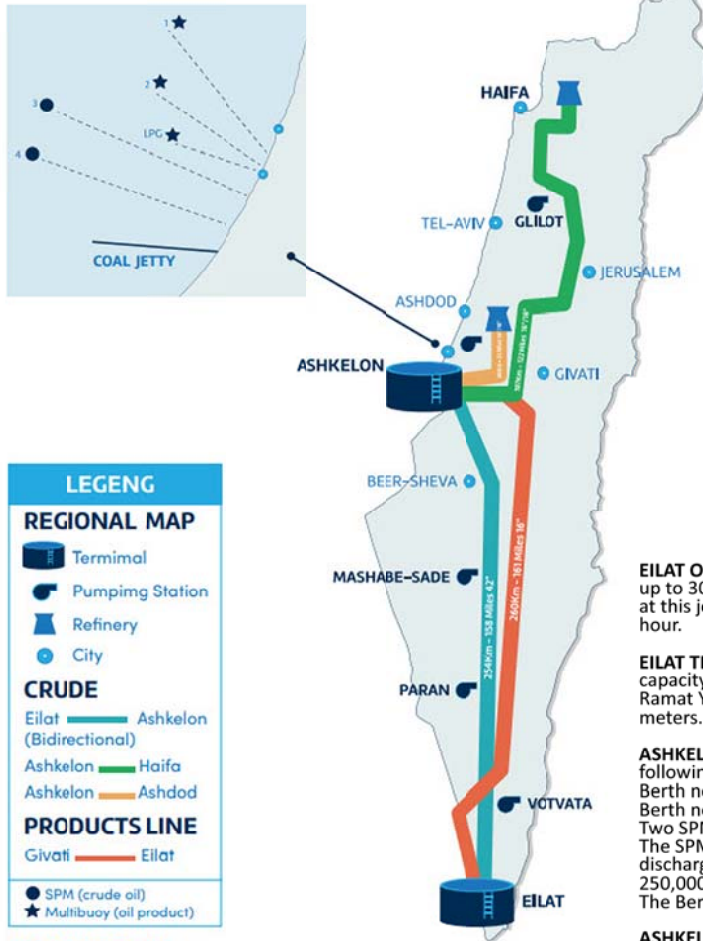
1. A 42", 254-km long crude oil pipeline linking the Red Sea port of Eilat with the Mediterranean port of Ashkelon.

Three booster stations pump the crude oil at a maximum capacity of 60 million tons per annum. Two additional booster stations pump crude oil in the opposite direction, from the Med to the Red Sea, at a maximum capacity of 30 million tons per annum.

2. A 16"/18", 197-km long crude oil pipeline connecting Ashkelon with the Haifa refinery. Three pumping stations along the line enable an annual throughput capacity of 5.8 million tons. See future of Haifa refinery in map.

3. A 18"/16", 36-km long crude oil pipeline connecting Ashkelon with the Ashdod refinery, with a maximum throughput capacity of 7 million tons per annum.

4. A 16", 260-km long oil products pipeline connecting Ashkelon with Eilat. The pipeline serves to transport oil products (gasoline, jet fuel and gasoil) from the Mediterranean to the Red Sea and vice versa.



**750 Km PIPELINES**  
3.6M cubic meters for crude oil and oil products

**EILAT OIL PORT:** EAPC operates a crude oil jetty at the Eilat Oil Port. The jetty accommodates tankers of up to 300,000 DWT with a water depth of 30 meters alongside the jetty. The maximum discharge rate at this jetty is 20,000 cubic meters per hour. The maximum loading rate is 10,000 cubic meters per hour.

**EILAT TERMINAL:** This site receives oil from tankers calling at the port of Eilat, with an overall storage capacity of 160,000 cubic meters. From this site, the crude oil is pumped into the main tankfarm at Ramat Yotam. This site consists of 16 storage tanks with a total storage capacity of 1.1 million cubic meters.

**ASHKELON OIL PORT:** The Ashkelon open sea oil port is located south of the city of Ashkelon. The following discharging and loading facilities operate at the port:  
 Berth no.1 for oil products (multi-buoy)  
 Berth no. 2 for oil products and fuel oil (multi-buoy)  
 Two SPM berths, no. 3 and no. 4, for crude oil  
 The SPM berths are located 3.2 km offshore at a water depth of 31 meters and have a loading and discharging capacity of 7,500 cubic meters per hour. These berths accommodate tankers of up to 250,000 DWT. Berths no. 1 and 2 are used to load and unload oil products (gasoline, jet fuel and gasoil). The Berths accommodate tankers of up to 130,000 DWT and up to 100,000 DWT respectively.

**ASHKELON TERMINAL:** This Mediterranean Sea terminal consists of 24 storage tanks for crude oil with a storage capacity of 1.9 million cubic meters. The terminal is fed both by tankers discharging at the Ashkelon oil port and by the 42" line from Ramat Yotam. From the terminal, the oil is either pumped to the refineries or loaded onto outbound tankers. The Ashkelon terminal has an additional 410,000 cubic meter storage capacity for oil products. The oil products storage system consists of 10 dedicated storage tanks and is connected to berths no. 1 and 2 for loading and unloading.

**MED RED MED:** To enhance the activity of the Eilat Ashkelon pipeline, the company created a new transit capability; the pumping of crude oil from the Mediterranean port of Ashkelon, through the 42" pipeline to Eilat on the Red Sea. This activity complements the original south-to-north pumping direction, making the system unique in its bidirectional feature. The ability to pump crude oil in both directions has also enabled EAPC to nearly double its operational storage capacity.

The long route around Africa and the limitations of the Suez Canal (related to the size of tankers), boost the competitive advantage of the Reverse Flow Project. Crude oil produced in Russia and the Central Asian Republics and loaded at Black Sea ports, may now be marketed at competitive prices in Southern Asia and the Far East.

EAPC's range of facilities offers the possibility of collecting several cargoes of 600,000 barrels or 1,000,000 barrels at the company's storage terminals, and then redelivering larger cargoes in Eilat. This flexible system along with other transportation and handling alternatives can produce solutions tailored to the customers' needs.