

Ministry Of Petroleum & Mineral Resources Syrian Arab Republic

Public Private Partnership

October. 2009

Exploration Contracts as PPP

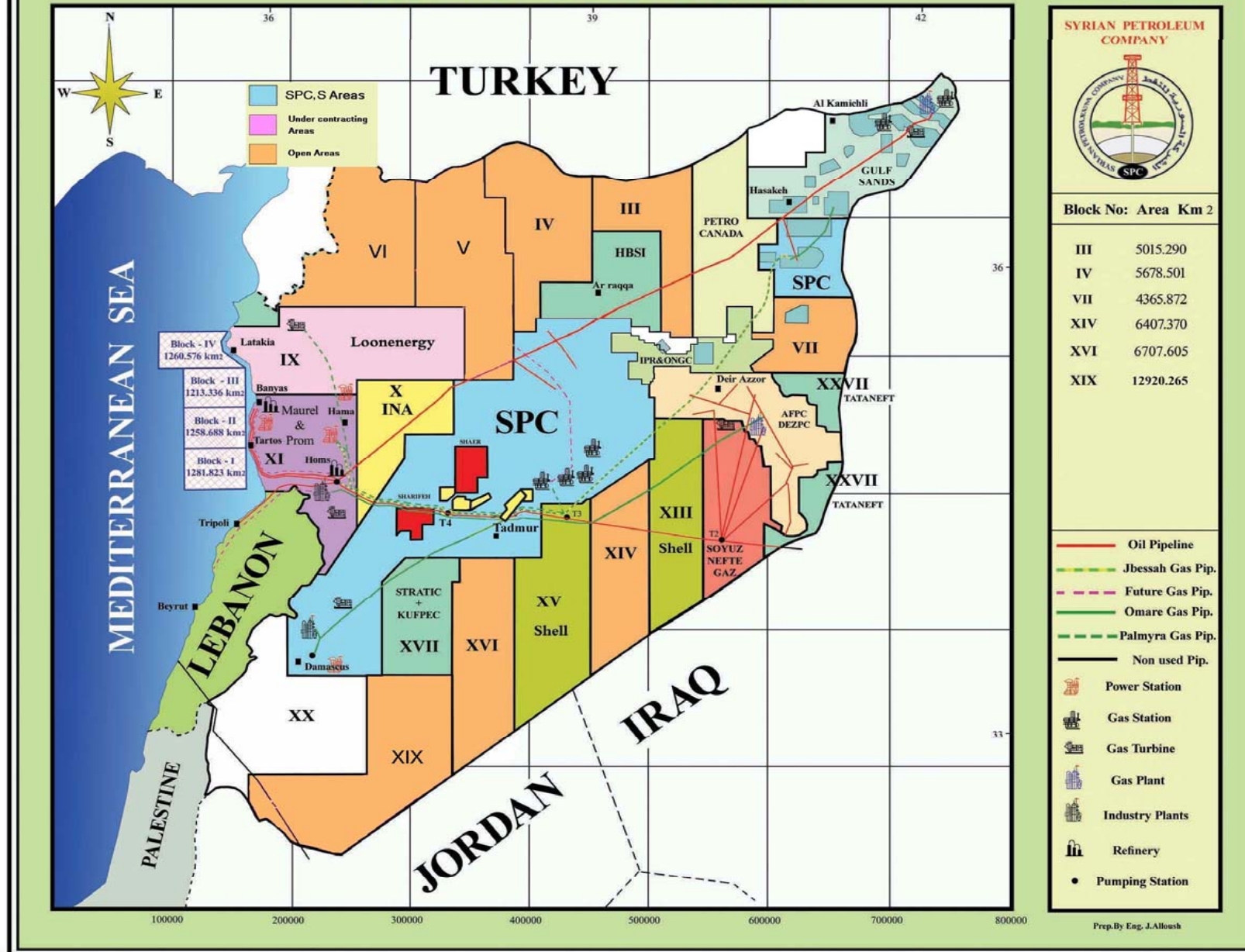
- As an example for PPP we can consider the production sharing contracts for exploration and production as PPP
- 28 contract have been signed with international Companies for Exploration and production of oil and gas since 1977
- Accumulative oil production 5564 Million barrel oil equivalent
- 3084 Million barrel oil equivalent had been produced by the JV companies, equal around 55% of the total oil production in the country. Nowadays, JV companies are producing around 180,000 bbl/d represent 47% of the daily production
- Total capital investment by the Foreign Companies in Exploration and production is around 10 Billion USD

Exploration Contracts

<i>The name of the company</i>	<i>The company</i>	<i>Date of contract</i>
<i>Shell/ Deir Ezzor contract</i>	<i>Dutch</i>	<i>1977</i>
<i>Shell/Alsham contract</i>	<i>Dutch</i>	<i>1985</i>
<i>Shell/ newDeir Ezzor contract</i>	<i>Dutch</i>	<i>1987</i>
<i>Tricentrol</i>	<i>American</i>	<i>1987</i>
<i>Total</i>	<i>French</i>	<i>1987</i>
<i>Enron</i>	<i>American</i>	<i>1988</i>
<i>Oxidental/Damascus Ltd</i>	<i>American</i>	<i>1988</i>
<i>Elf Ecteen</i>	<i>French</i>	<i>1988</i>
<i>British Petroleum</i>	<i>English</i>	<i>1988</i>
<i>Marathon</i>	<i>American</i>	<i>1988</i>
<i>Unocal</i>	<i>American</i>	<i>1989</i>
<i>Nesteoil</i>	<i>American</i>	<i>1989</i>
<i>Shell/Gas</i>	<i>Dutch</i>	<i>1989</i>
<i>Ripsol</i>	<i>Spanish</i>	<i>1989</i>
<i>Oxidental</i>	<i>American</i>	<i>1989</i>
<i>Gulf Sands</i>	<i>British</i>	<i>2003</i>
<i>American Ocean Energy&</i>	<i>British</i>	<i>2003</i>
<i>PetroCanada</i>	<i>Canadian</i>	<i>2004</i>
<i>IPR</i>	<i>American</i>	<i>2004</i>
<i>INA Neftaplin</i>	<i>Croatians</i>	<i>2004</i>
<i>Maurel & Prom</i>	<i>French</i>	<i>2004</i>
<i>DNOSA/Dove Energy</i>	<i>British</i>	<i>2005</i>
<i>HBS & Sons</i>	<i>Tunisian</i>	<i>2005</i>
<i>TAT Neft</i>	<i>Russian</i>	<i>2005</i>
<i>Stratic Corporation</i>	<i>Canadian</i>	<i>2005</i>
<i>Soyuz Neftegaz</i>	<i>Russian</i>	<i>2006</i>
<i>Marathon</i>	<i>American</i>	<i>2006</i>
<i>Shell Syria for oil development</i>	<i>Dutch</i>	<i>2007</i>

MAP OF OPEN AREAS

January 2008



Joint Venture –Operating- Companies

- **AlFurat Petroleum Company** (Joint Venture among SPC , Shell, Chinese And Indian Company) commenced its business in 1985 managing several contracts: Old DerEzzor contract, AlSham contract, Annex 4, Gas agreement, Deep& Lateral contract. Production in 2008 was 110,000 bbl/day.
- **DerEzzor Petroleum company** (Joint Venture between SPC and Total). Production in 2008 was 30,000 bbl/day.
- **Hayan Company** (Joint Venture between SPC and INA). Established in 2004, mainly for gas production. Expected gas production around 4 MMm³/Day and around 10000 bbl/Day Oil after the development. current oil production is 2000 bbl/d.
- **AlKawkab Co.** (Joint Venture between SPC and CNPCI) established in 2004 to develop Kbaibah field through enhanced oil recovery methods, current production of the field is around 12,000 bbl/Day.
- **Audeh Co.** (Joint Venture between SPC & Dublin) established in 2008 for development of Audeh, Tishreen and Shakh Mansour fields. Current production is around 15,000 bbl/d
- **Dijla Co.** (joint Venture between SPC & Golfsands) established in 2008, current production is 10,000 bbl/d

Gas Projects under PPP system

- **Omar Gas plant** it was built in 1992 by AlFurat Petrleum Co. the capacity is 5MM m³/d Raw Gas
- **Tabeiah Gas plant** it was built in 2001 in cooperation with Conoco on the principle of payback the capacity is 12.95MM m³/d Raw Gas
- **Hayyan Gas plant** : In cooperation with INA a contract has been signed with Petrofac for construction of a gas plant with a capacity of 4 million m³.
- **Ebla gas plant** : In cooperation with PetroCanada started the development of gas fields in the Alshrefe and Alshaer, and a contract with Petrofac for the establishment of a gas plant with a capacity of 3.5 million m³.
- The investment Hayyan and PetroCanada development and gas plants is worting arund 2 Billion USD .

Arabian Gas Pipeline

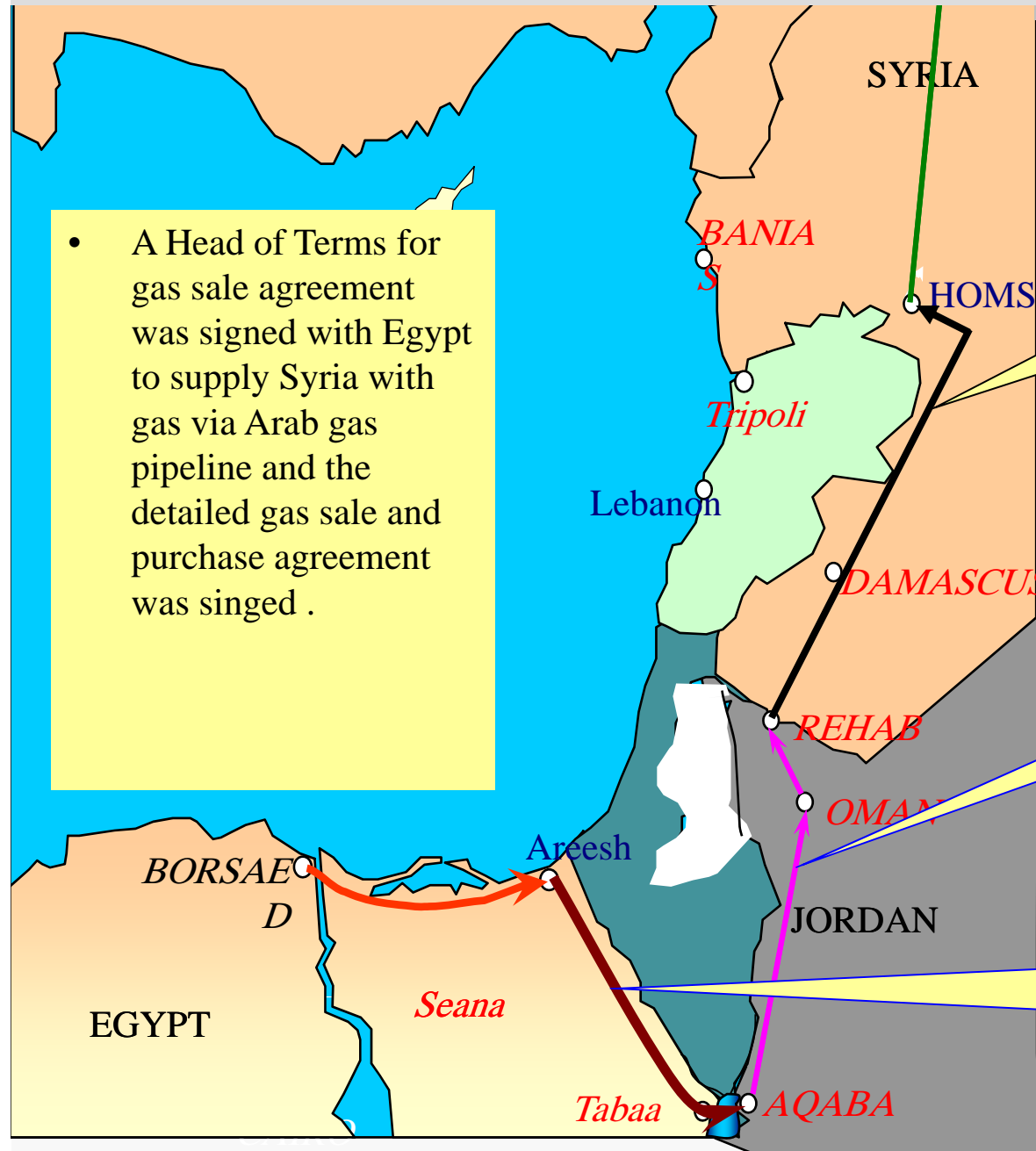
- Arabian Gas pipeline started from Egypt to Jordan and Syria then to Lebanon and Turkey
- Arabian Gas pipeline Stage- 3: From Syrian- Jordanian borders to Homs, 314 km. completed and 2.5 MM CM of gas imported daily since July 2008.
- Natural gas started to be exported to Lebanon through Arab Gas pipeline
- Part of Arabian Gas pipeline from Homs to Turkey borders: length 230 km. tender book was prepared, a pipeline link from Aleppo to Syrian Turkish border 62 km , 36 " under construction.
- Connection of Iraqi gas network with the Arabian gas pipeline, by building a new pipeline inside Syria , and developing Akkas gas field through Syria.
- Iranian gas to Syria via Turkey.
- A complete gas net work can be achieved through the cooperation between the countries in the region

Co-operation with Egypt through AGP

Arab Gas Pipeline Project

Capacity 10 BCM

- A Head of Terms for gas sale agreement was signed with Egypt to supply Syria with gas via Arab gas pipeline and the detailed gas sale and purchase agreement was signed.



Third Stage
part 1 : Rehab-Homs
Completed 2008

Second Stage
Aqaba/Rehab
(390 km , 36") in
operation since end of
2005

First Stage
Aresh/Tabaa/Aqaba (284 km ,
36") in operation since July
2003.

Projected Refineries

- 1. A Shareholding Agreement signed between Syrian, Venezuelan, Iranian, and Malaysian sides to build 140 000 bl/d refinery near Homs city. Feasibility study, topographic study and the refinery Co. have been completed.**
- 2. A MoU has been signed with NOOR co (Kuwait) to lead a technical and financial group for building 140K bbl/d refinery in Der Ezzor area. Feasibility study was completed.**
- 3. A joint Syrian – Chinese refinery in Deir Ezzor (east of Syria) with capacity of 100 000b/d. Cooperation Agreement between Syria and CNPCI has been signed and the feasibility study completed.**
- 4. An announcement for development of Baniyas refinery was issued aiming to produce more white products within the European specifications. It is a unique project as requested to finance and execute the development (revamping) the offer of consortium of Fast Trading Co. (Indian, Qatar, Malaysian) is under evaluation**

PPP in oil Products Distribution and Mineral Resources

- **In the field of products distribution:**
- The local private sector is undertaking around 98% of the major oil products distribution in Syria.
- recently foreign private sector has been allowed to establish oil distribution stations. As currently being prepared for the use of (CNG) for supplying industry Areas, and for cars.
- **In the field of mineral resources:**
- The local private sector participates in investment of mineral resources, where Syria has reservoirs of different mineral resources
- A law has been issued allow the foreign private sector to invest in any of the mineral resources which currently are exploited by public sector.

*Thanks for your
Attention*

