

Scenario Planning & Risk Assessment in a Low Oil price environment West Qurna-2 Upstream Project

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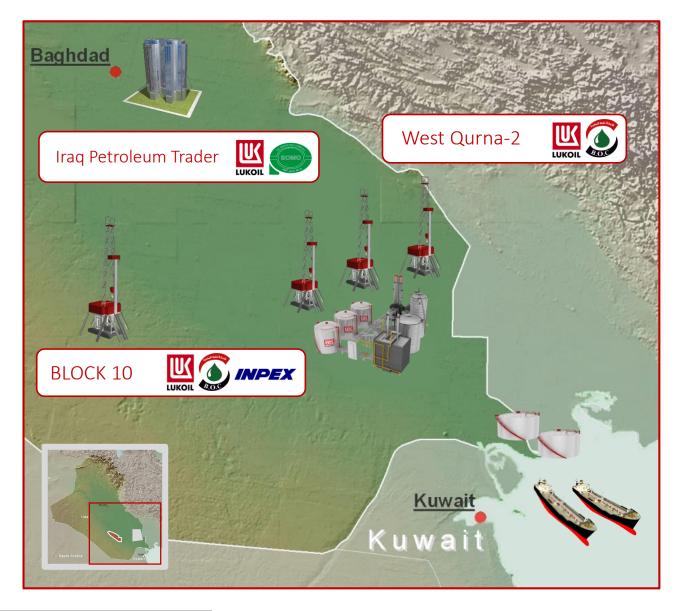
LUKOIL at Glance

Vertically integrated business

- >30 countries
- 16 bln boe proved reserves
- 39 bln boe reserves and resources (3P+3C)
- 2.2 Mboepd production
- 1.4 Mboepd refinery throughput
- 2017 financial results:
- EBITDA \$14.2 bln
- FCF \$4.2 bln



LUKOIL in Iraq



2010

West Qurna-2

DPSC effective date January 2010 Contract term 25 years Start of production March 2014 Production growth 400 kbpd Share of Iraqi oil production 9% Share of Iraqi oil export 12%

2013

Block 10

EDPSC effective date December 2012 Contract term 30 years Major discovery February 2017

3 2017

Trading of Iraqi crude

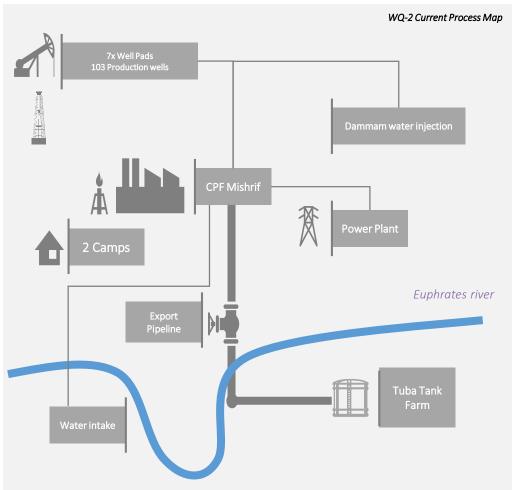
JV LITASCO and SOMO (IPT) Shipment volumes in 2017 19 mln bbl

West Qurna-2 Project at Glance

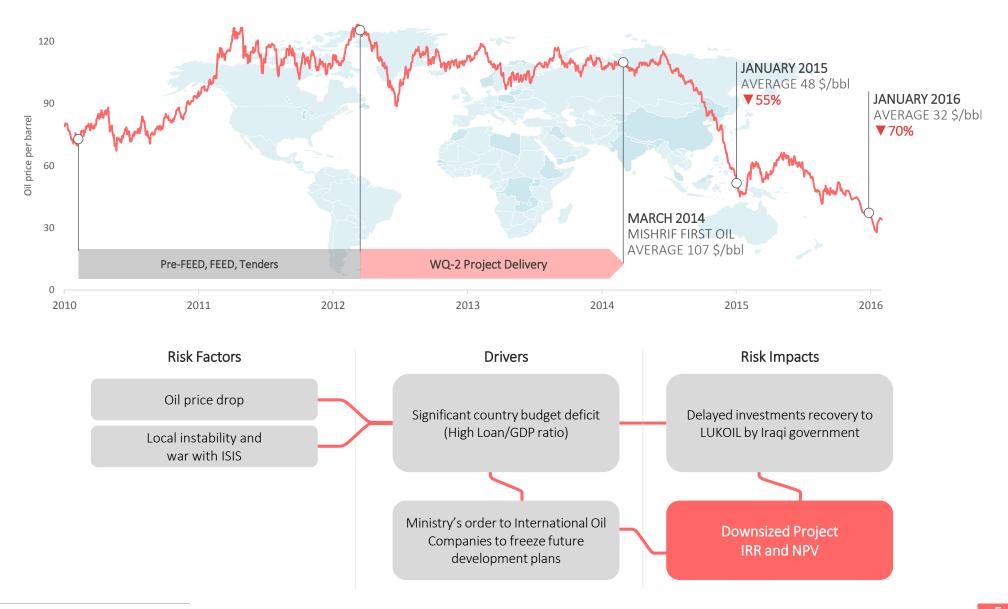


Controllability and manageability range for Oil Operators within different development regimes. The range reflects Operator's ability to control and recover revenues and run procurement activities.

IPA rated WQ-2 project as **Top 10%** capital projects worldwide for timely project delivery.



WQ-2 Risks Factors & Drivers within Low Oil Prices



WQ-2 Risk Environment

EXTERNAL RISKS

Political

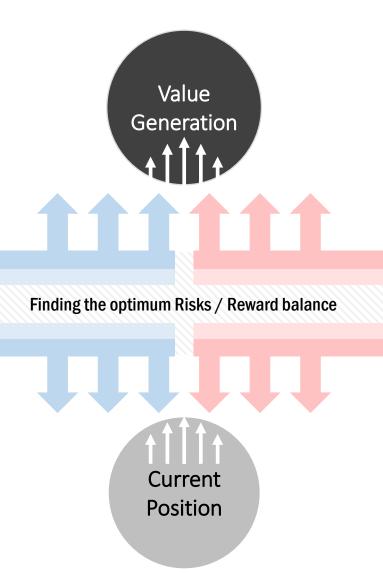
- Sanctions against Russia
- o Political instability in Iraq

Economic

- o Low oil price
- o Iraq budget deficit

Legal

Missed DPSC obligations



INTERNAL RISKS

Financial

- Low IRR
- Cash flow limitations due to Iraq debt to LUKOIL

Asset integrity

 Delayed brownfield modification due to Iraq budget restrictions

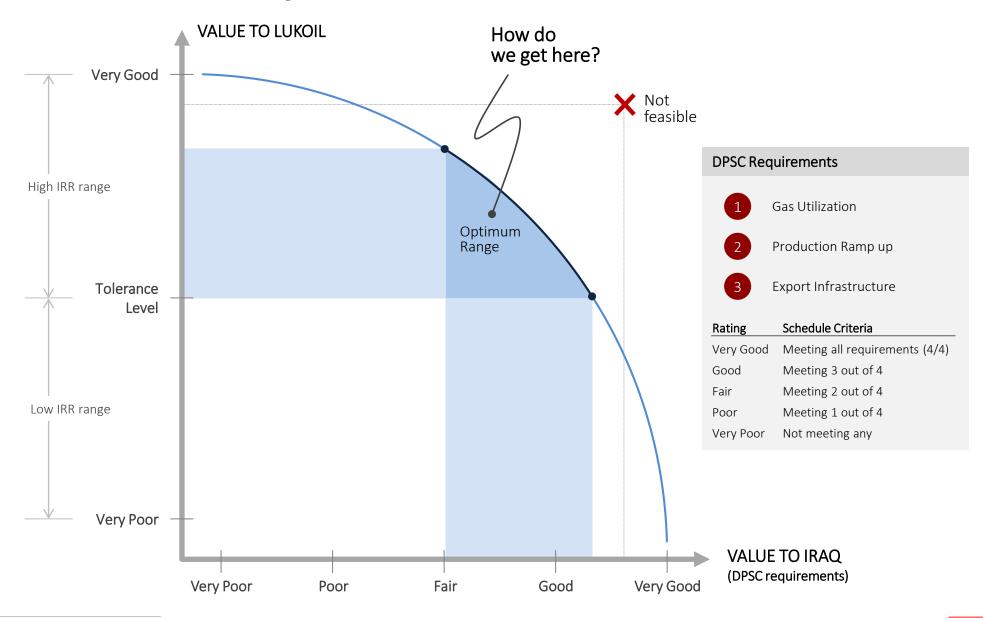
Project readiness

o Human capital insufficiency

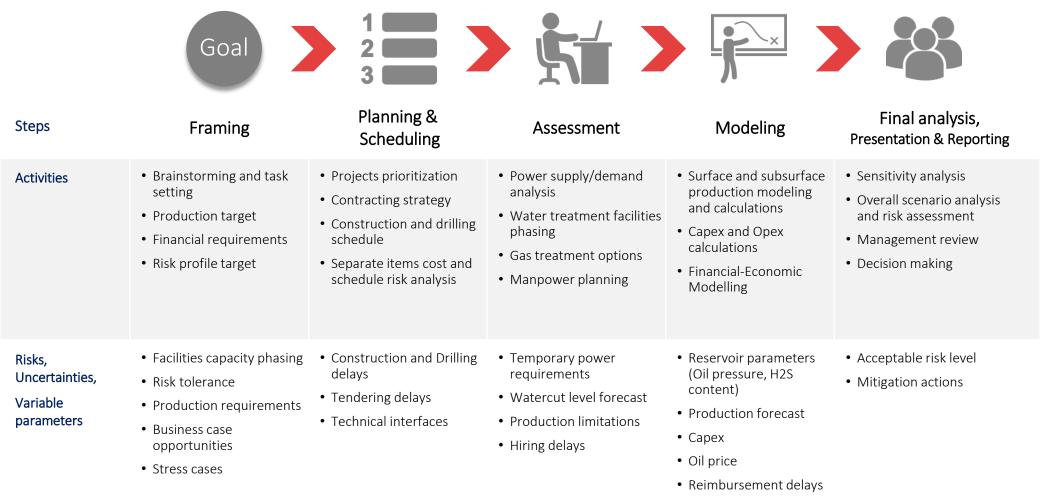
HSE

o Flaring

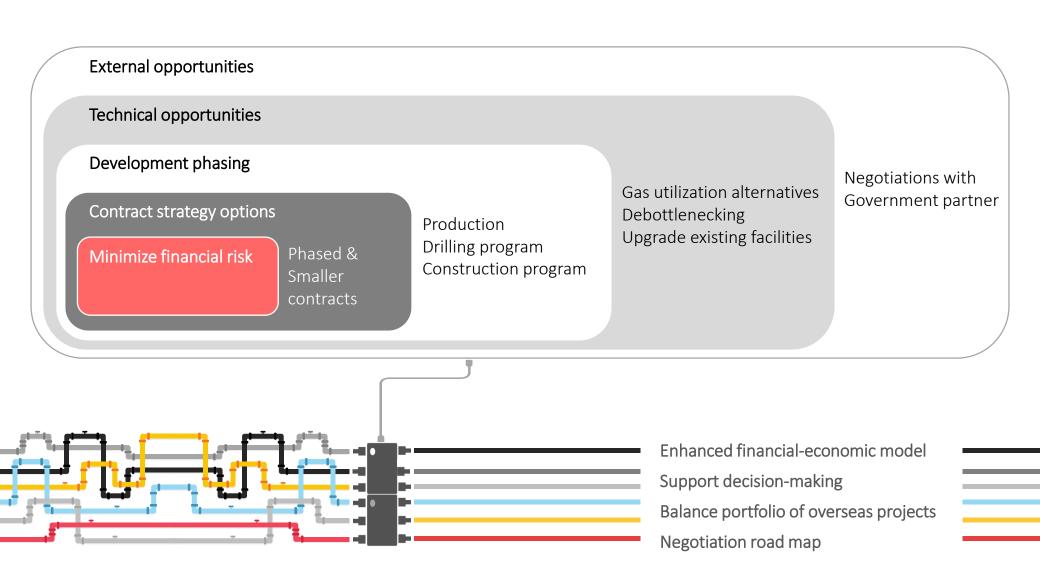
Framework of Finding Risk / Reward Balance



Scenario Planning as a Tool



Scenario Planning Outcomes



Sample Scenario Evaluation

KEY AREAS	Scenario Comparison Summary	KEY AREAS	Scenario Evaluation Results
FINANCIAL INDICATORS	IRR FCF + XX mln USD	IMPACT ON PRODUCTION	▼1,300,000 Barrels
QUALITY ASSESSMENT	Investment Project Readiness HSE DPSC Asset Integrity	CAPEX ALLOCATION Maintain Comply Develop	100% 75% 50% 25% 0% OVERALL (%) 2015-17 2018-20 2021+
TOP SCENARIO RISKS	Delays in water commercial market injection bids Unfavorable conditions	CONFIDENCE LEVEL Based on SRA/CRA	MEDIUM 80%

Categorization and quantification of each scenario based on risks and opportunities:

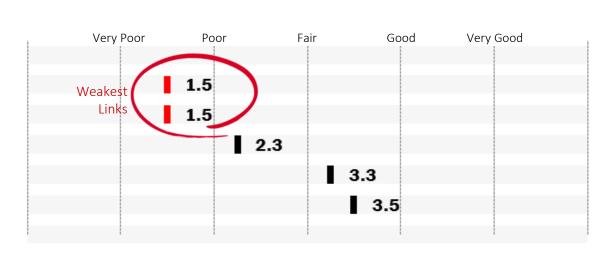
Contractual risks DPSC

Technical risks Asset Integrity

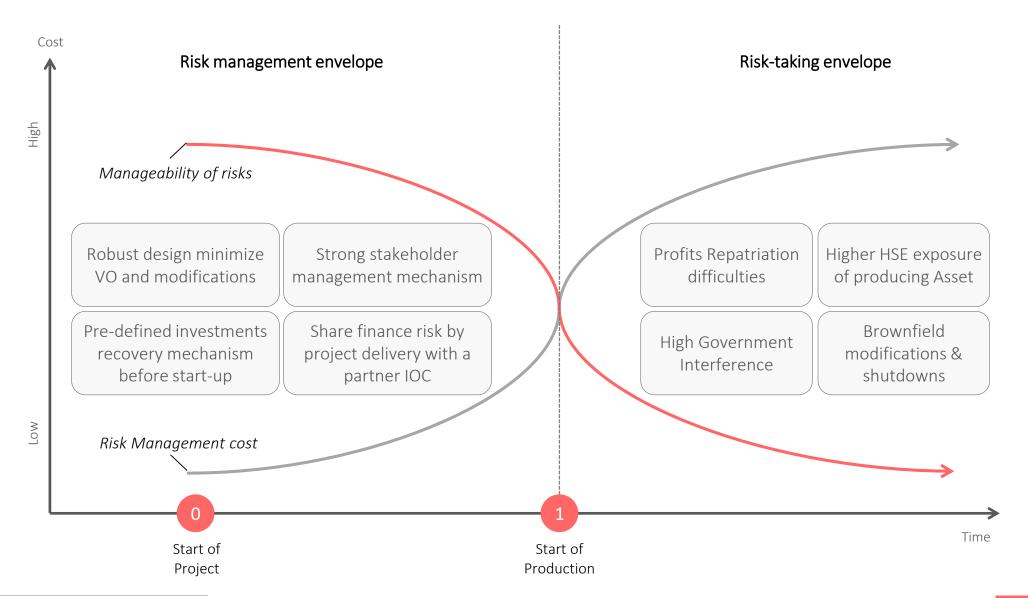
Project risks Asset Development

Administrative risks Project Readiness

HSE risks HSE



Managing Risks for International Oil Company





THANK YOU FOR YOUR ATTENTION