

# Investor Presentation



# Disclaimer

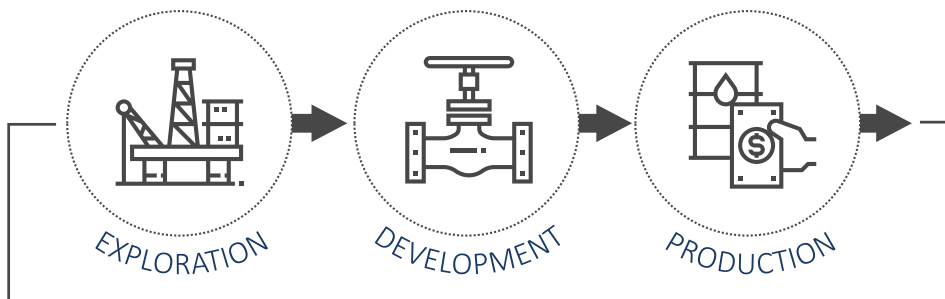
This presentation does not constitute an offer to buy or sell shares or other financial instruments of Panoro Energy ASA (“Company”). This presentation contains certain statements that are, or may be deemed to be, “forward-looking statements”, which include all statements other than statements of historical fact. Forward-looking statements involve making certain assumptions based on the Company’s experience and perception of historical trends, current conditions, expected future developments and other factors that we believe are appropriate under the circumstances. Although we believe that the expectations reflected in these forward-looking statements are reasonable, actual events or results may differ materially from those projected or implied in such forward-looking statements due to known or unknown risks, uncertainties and other factors. These risks and uncertainties include, among others, uncertainties in the exploration for and development and production of oil and gas, uncertainties inherent in estimating oil and gas reserves and projecting future rates of production, uncertainties as to the amount and timing of future capital expenditures, unpredictable changes in general economic conditions, volatility of oil and gas prices, competitive risks, counterparty risks including partner funding, regulatory changes and other risks and uncertainties discussed in the Company’s periodic reports. Forward-looking statements are often identified by the words “believe”, “budget”, “potential”, “expect”, “anticipate”, “intend”, “plan” and other similar terms and phrases. We caution you not to place undue reliance on these forward-looking statements, which speak only as of the date of this presentation, and we undertake no obligation to update or revise any of this information.



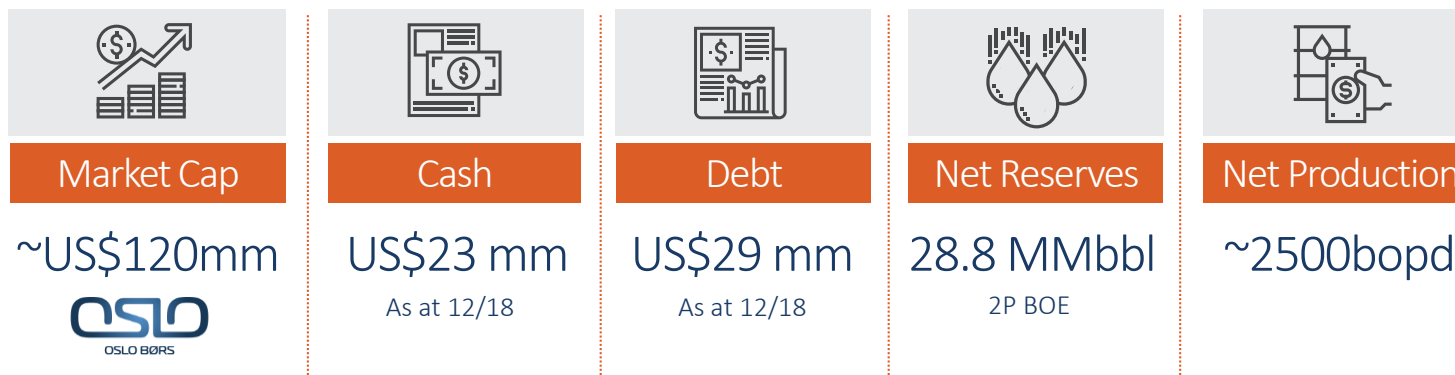
# Panoro at a Glance

Full-cycle oil and gas company with assets in Tunisia, Gabon and Nigeria

## FULL CYCLE



## COMPANY PROFILE

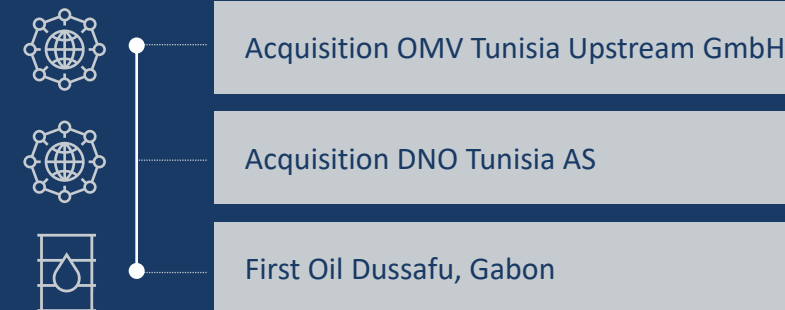


## TOP SHAREHOLDERS

#	Shareholder	# Shares	(%)
1	KISTEFOS	6,176,454	9.9%
2	F2 FUNDS AS	3,588,746	5.8%
3	JULIEN BALKANY AND ASSOCIATED INVESTMENT COMPANIES	3,116,035	4.9%
4	SUNDT AS	3,058,853	4.9%
5	DNO ASA	2,641,465	4.2%
6	DANSKE INVEST NORGE VEKST	2,120,177	3.4%
7	HORTULAN AS	1,600,000	2.6%
8	ALDEN AS	1,403,222	2.3%
9	STOREBRAND VEKST VERDIPAPIRFOND	1,014,410	1.6%
10	PREDATOR CAPITAL MANAGEMENT AS	896,024	1.4%

1) Shareholder list as of 25.03.2019

## RECENT EVENTS





# High Levels of Activity

## 2018 Achievements



### GABON - DUSSAFU

- First oil Dussafu
- Successful appraisal well
- Successful exploration well
- 50% increase in Tortue Oil reserves



### TUNISIA

- Acquisition of DNO Tunisia AS
- Acquisition of OMV Upstream Tunisia GmbH
- Strategic partnerships agreed

## 2019/20

- In total 6-9 wells to be drilled
- Minimum 3 exploration and 4 development
- Production growth targets in Tunisia 15-20% during 2019, higher in 2020
- Dussafu Phase 3 FID
- Business development focussing on exploration and production



# Team with a Strong Track-Record of Value-Creation

## EXECUTIVE MANAGEMENT TEAM



**John Hamilton**  
Chief Executive Officer

Joined 2015



**Qazi Qadeer**  
Chief Financial Officer

Joined 2010



**Richard Morton**  
Technical Director

Joined 2008



**Nigel McKim**  
Projects Director

Joined 2019



## BOARD OF DIRECTORS



**Mr. Julien Balkany**  
Chairman

Joined 2014



**Ms. Alexandra Herger**

Joined 2014



**Mr. Torstein Sanness**

Joined 2015



**Mrs. Hilde Ådland**

Joined 2016



**Mr. Garrett Soden**

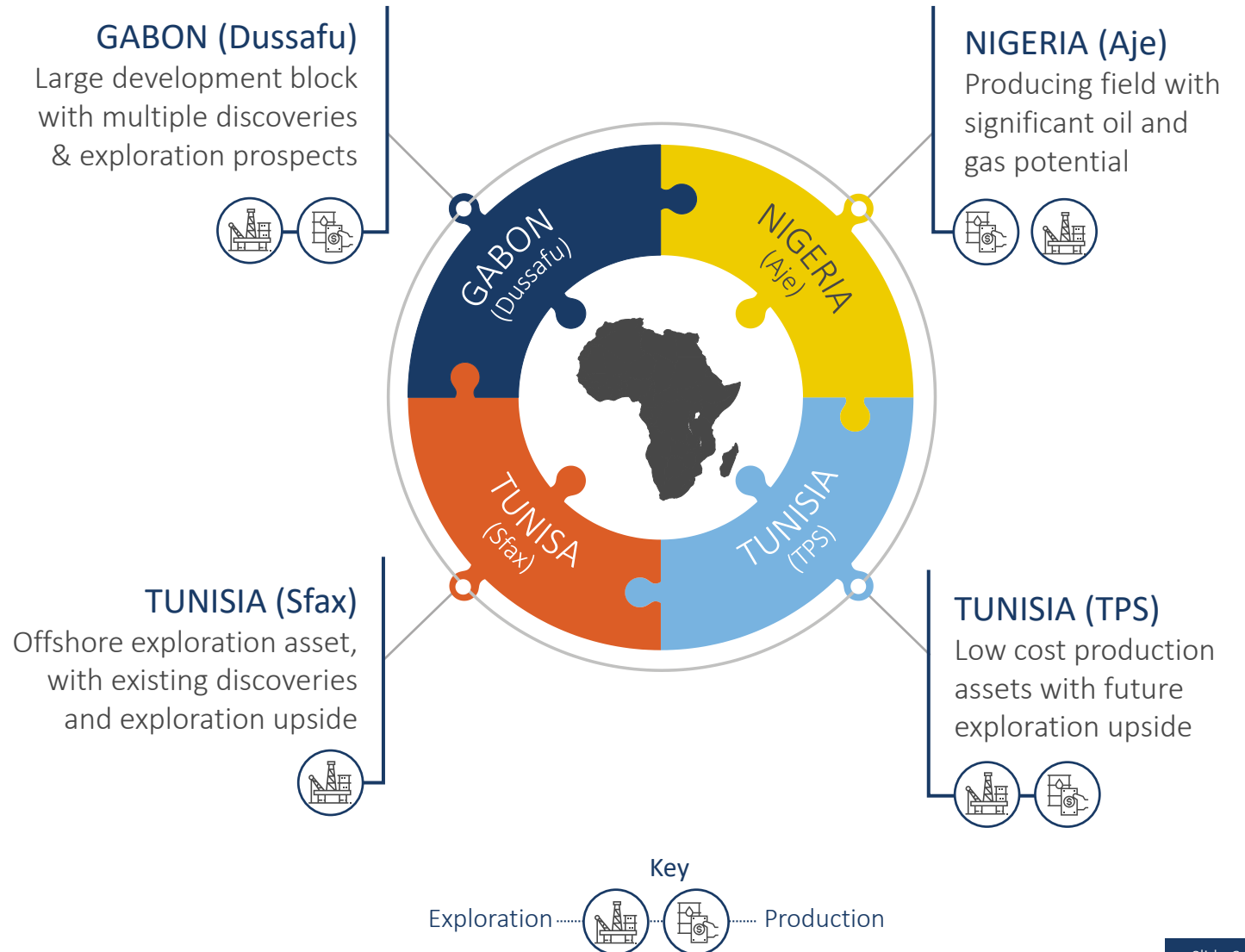
Joined 2015



- Team with strong technical and operating capabilities, and extensive experience from the industry
- Strong track-record of building independents

# Corporate Vision

- Sustain materiality
- Continue to build existing production base in Tunisia and Gabon
- Unlock the significant exploration potential in existing asset base
- Review organic and inorganic growth initiatives
- Constantly assess early stage new venture exploration opportunities
- Maintain geographical focus on Africa
- Expand cooperation with industry and financial partners





# Gabon

## The Dussafu Marin Permit

Dussafu is operated by BW Energy Gabon and Panoro's current interest in the license is 8.33%. There are five oil fields within the Dussafu Permit: Moubenga, Walt Whitman, Ruche, Ruche North East and Tortue. The latter three fields were discovered by Panoro and JV partners in the last 7 years.

- Asset: Dussafu Marin
- Status: Production, Exploration & Development
- Ownership: 8.333%
- Partners: BW Dussafu BV



# Dussafu

## Producing Asset, Significant Discovered Upside

### Multiple discoveries located offshore Gabon

- Positioned in a proven fairway within the Southern Gabon Basin
- Panoro 8.33%, Operated by BW Energy Gabon<sup>1</sup> (81.66%)
- Gabon Oil (10.00%) and Tullow holds a 10% back-in right<sup>2</sup>
- 35.5 MMbbl 2P reserves (gross) and 13.6 MMbbl 2C resources, as per NSAI for Tortue field alone
- Recent appraisal well at Tortue has resulted in material reserve upgrade

### Phased development tied back to the BW Adolo FPSO – initial focus on the Tortue discovery

- Phase 1 drilling complete (2 dev. wells + 1 appraisal sidetrack)
- First oil announced 17 Sep. 2018
- Phase 2 underway, with new wells in production starting Q1 2020

### PSC with highly favourable economics

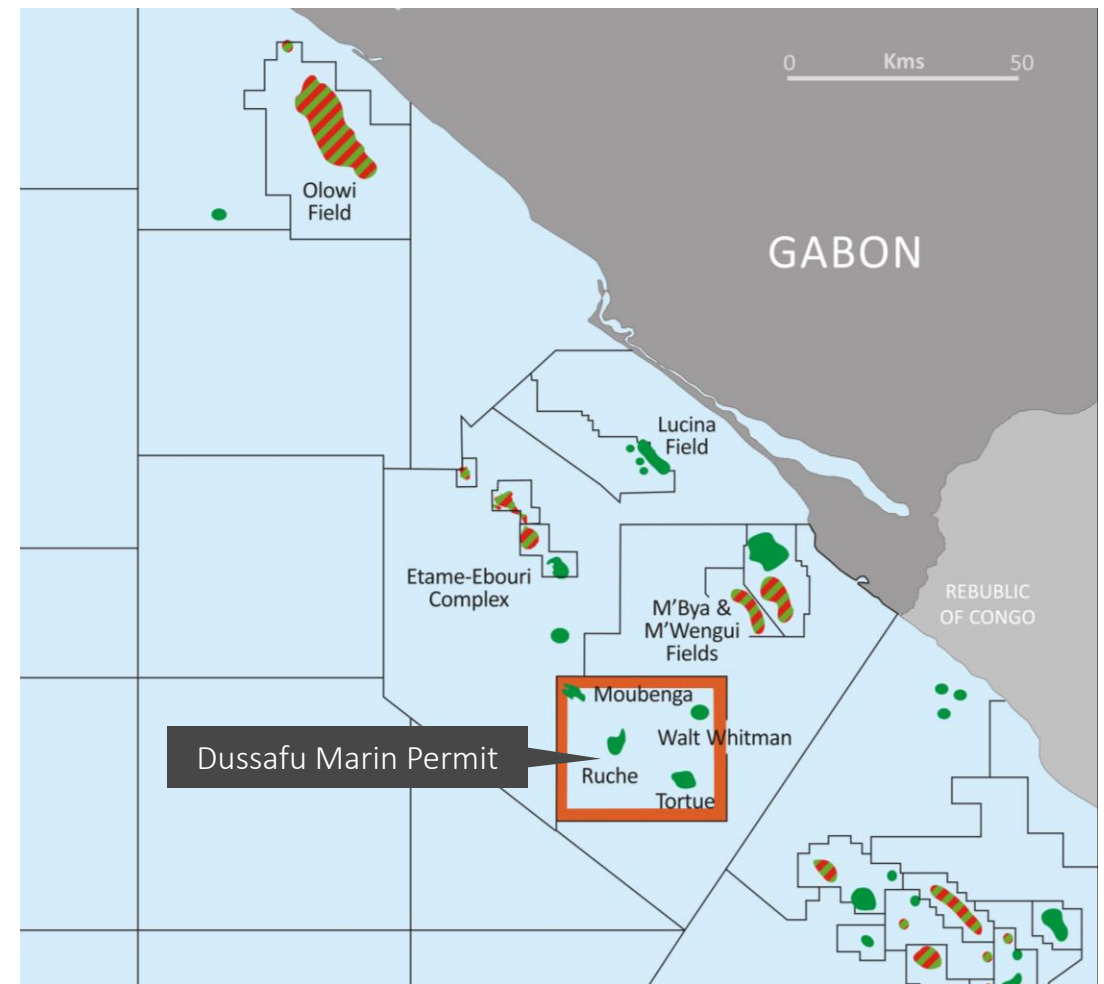
- >50% margin during cost recovery phase

### Significant further exploration potential

<sup>1</sup>) Subsidiary of BW Offshore

<sup>2</sup>) Tullow purchased State back-in rights; Panoro would be diluted to ~7.5% if exercised

## DUSSAFU, GABON – FIELD OVERVIEW





# Recent Highlights from Panoro and BWO



## TORTUE PHASE 2

Tortue Phase 2 planning well underway

**4 new producers**



## GROSS RESERVES

Upgraded by 50% in Tortue (excluding contingent resources)

**35 MMbbl**



## PRODUCTION

Phase 2 production projected to start early 2020 and could peak mid year at

**over 20,000 bopd**



## RESOURCES

Ruche and Ruche NE together are estimated to contain around

**30 MMbbl**

(roughly same size as Tortue)



## DRILLING

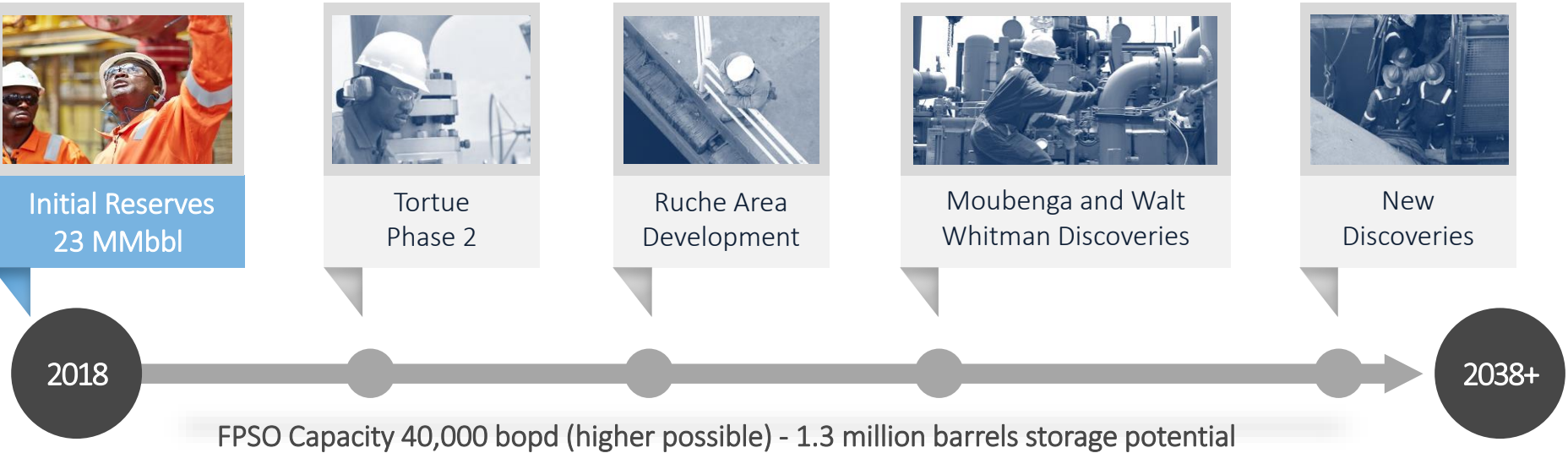
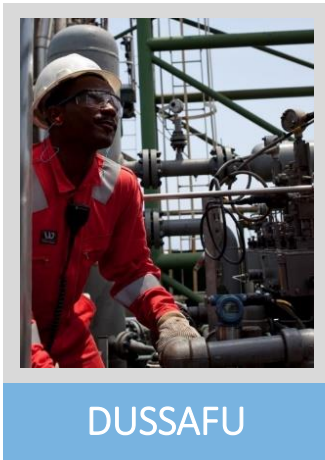
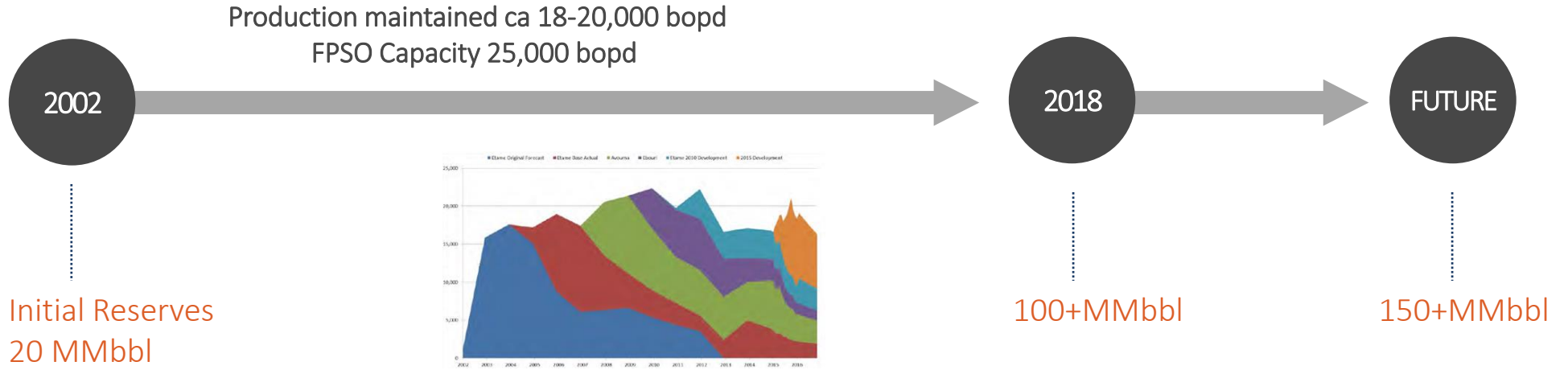
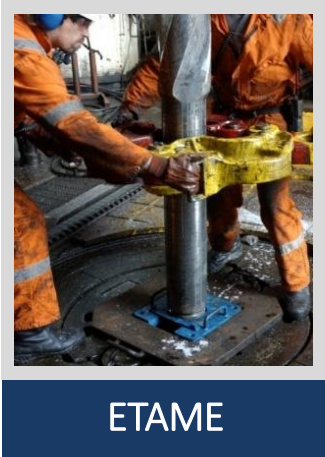
Phase 2 drilling to include 2 more exploration wells and the option for two additional wells



## BACK-IN RIGHTS

Tullow indicating intent to farm in (subject to documentation)

# Dussafu at the Start of 20 Year License Term



# Tortue is Just the Beginning

## Recent Oil Discovery Announced

### Becoming a world-class asset

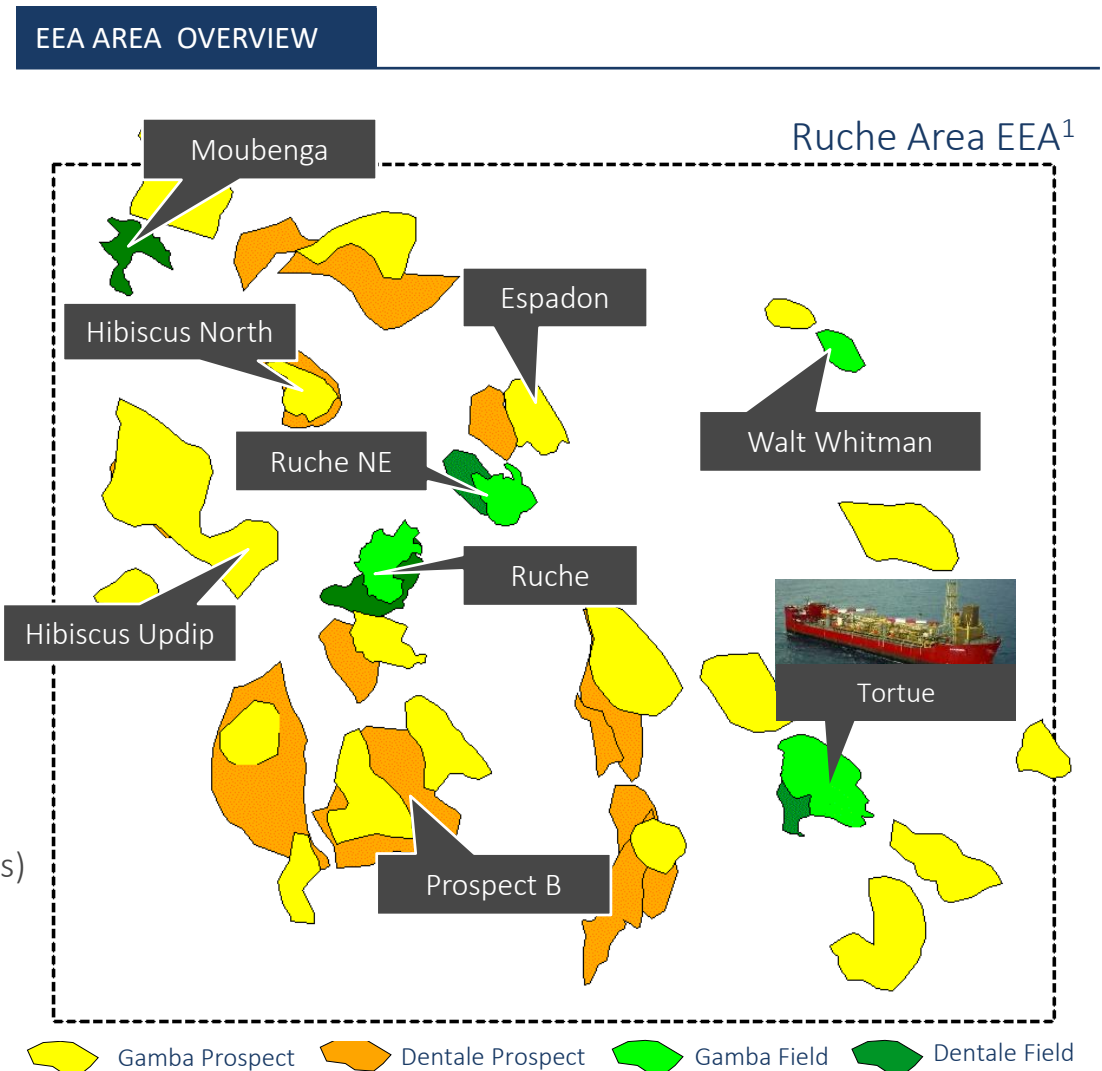
- Nine consecutive successful well penetrations since 2011
- 12 robust prospects and more than 14 leads identified within the Ruche EEA<sup>1</sup> area, in addition to the recent Ruche NE discovery
- Potential to include all discoveries and prospects in the field development plan (“FDP”) once drilled

### Recent oil discovery in the Ruche NE

- Discovery of 40 meters of oil pay announced 31 Aug. 2018 across two reservoir sections – additional technical evaluation being undertaken to appraise
- May be developed together with existing Ruche field discoveries; tied back to FPSO
- Well completed on time and within budget

### Continuing to mature selected prospects into potential drilling targets

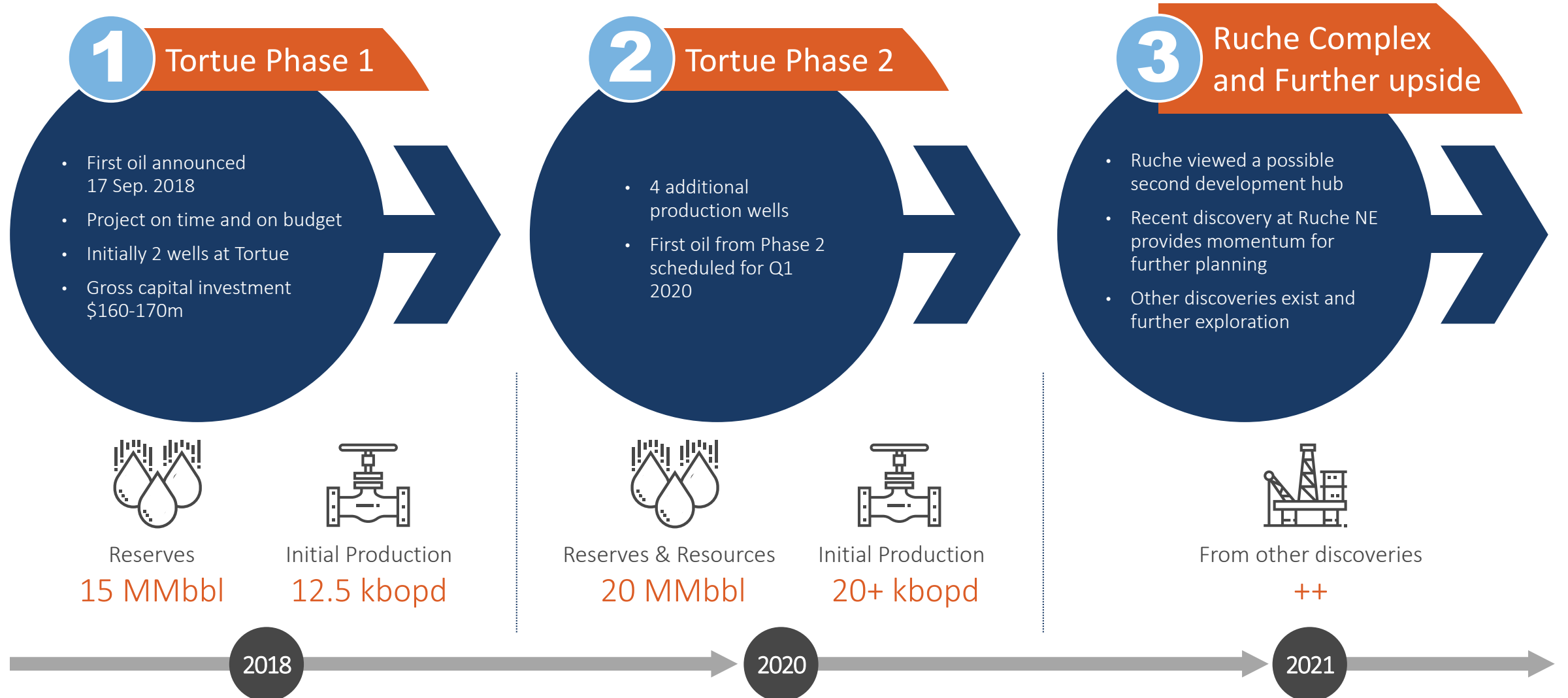
- Prospects in the Ruche area are considered lower risk
- Prospect A and B are high potential Dentale prospects with up to 482 MMbbl (gross) prospective resources
- Two prospects will be subject of 2019/2020 drilling campaign in conjunction with Tortue Phase 2



1) Dussafu permit approved by the Gabonese Government July 2014



# Dussafu Development Plan



# Tunisia

The Sfax Offshore Exploration Permit, containing the Ras El Besh Concession, lies in the prolific oil and gas Cretaceous and Eocene carbonate platforms of the Pelagian Basin offshore Tunisia. The TPS Assets comprise five oil field concessions in the region of the city of Sfax, onshore and shallow water offshore Tunisia.

## Sfax Offshore Exploration Permit and Ras El Besh Concession

- Asset: Sfax Offshore Exploration Permit and Ras El Besh Concession
- Status: Exploration
- Ownership: 52.50% <sup>(1)</sup>
- Partners: ETAP (permit holder), Atlas Petroleum Exploration and Eurogas International

## TPS Assets

- Asset: TPS Assets
- Status: Production
- Ownership: 29.4% <sup>(1)</sup>
- Partners: ETAP



<sup>(1)</sup> About Panoro's Operations in Tunisia

Panoro's equity participation in Tunisian operations and companies, as described above, is in partnership with Beender Tunisia Petroleum Limited ("Beender") whereby, Panoro effectively owns 60% and Beender the remaining 40%.

# Tunisia Offers a Favorable Operating Environment

## Offers Attractive Investment Opportunities for Growth-Oriented E&P Independents

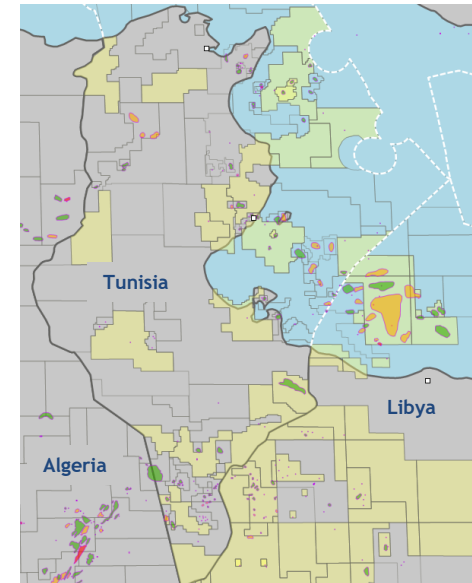
### Tunisia has a strong rule of law and international support

- Considered to be the only full democratic regime in the Arab world
- Association agreement with the EU and status as a major non-NATO ally of the U.S.
- Close relationships with France and Italy, through extensive economic cooperation and past history

### Tunisia is an established oil & gas producer

- Production commenced in 1966
- Current output of ~100,000 boepd
- Low OPEX environment and significant presence from oil services providers
- Many large IOCs with long country presence (ENI, Shell, Perenco, Petrofac, etc.) and recent entrants from growth-focused companies
- ETAP, the national oil company, is a professional counterparty and manages interest on behalf of the Tunisian State

MAP WITH O&G ACTIVITIES AND IMAGES



SELECTED O&G COMPANIES IN TUNISIA (2015-2018)





# Full Operating Organization in Place

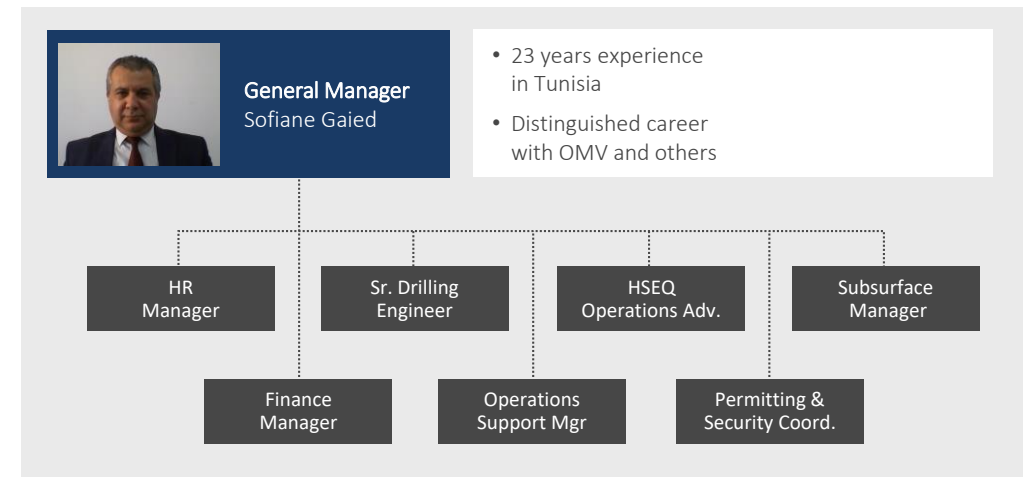
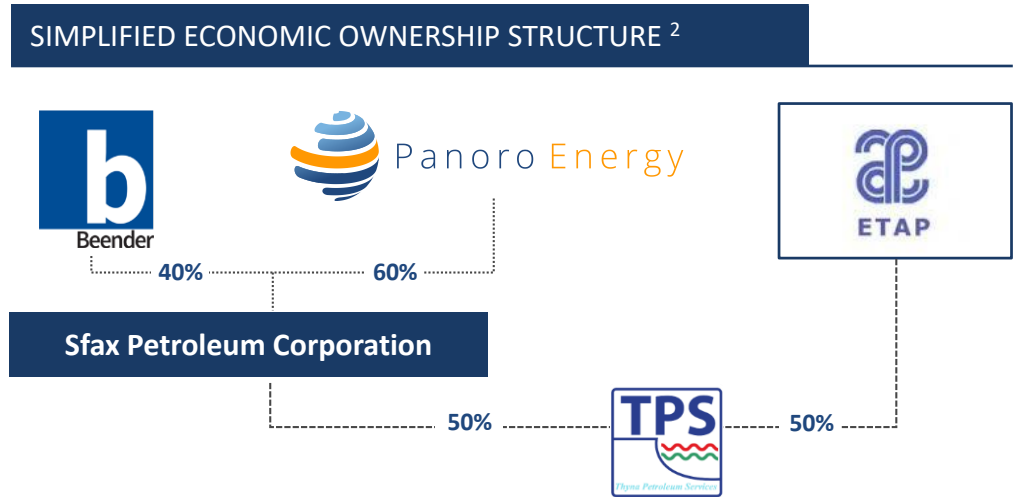
## The Addition of the TPS Organization Significantly Strengthens Operating Capabilities in Tunisia

DNO transaction established Panoro with a full operating organization in Tunisia

- 25 staff in Tunisia transferred to Panoro
- Experienced organisation with technical, operational and administrative capabilities
- Office in Tunis and warehouse in Sfax; significant drilling materials inventory
- Hammamet Permit in process of relinquishment and payment of \$2 million penalty (as previously disclosed)

Panoro extends its operating capabilities further through the OMV acquisition

- Gains 50% ownership in TPS<sup>1</sup> with ca 180 employees located in the city of Sfax (technical Operator since 1992)
- Panoro has seconded two senior staff into TPS (including Deputy General Manager) and holds 50% of the Board seats at TPS
- Together with ETAP, Panoro will lead the forward work program and strategy of TPS



1) JV operating company managing the five concessions

2) Please refer to the website for a full overview of the corporate structure

# Transformational Acquisition of OMV Tunisia Upstream

## Portfolio of Low Cost Onshore and Near Shore Oil Producing Assets in Tunisia

### Panoro 60% subsidiary acquired OMV Tunisia Upstream GmbH

- 49% interest in five low risk, producing onshore and shallow offshore oil field concessions in close proximity to Sfax<sup>1</sup>
- 50% equity interest in Thyna Petroleum Services (“TPS”)<sup>2</sup>
- Partnership with ETAP, the Tunisian national oil company
- Net production of ~2,000 bopd; opex of ~\$12/bbl

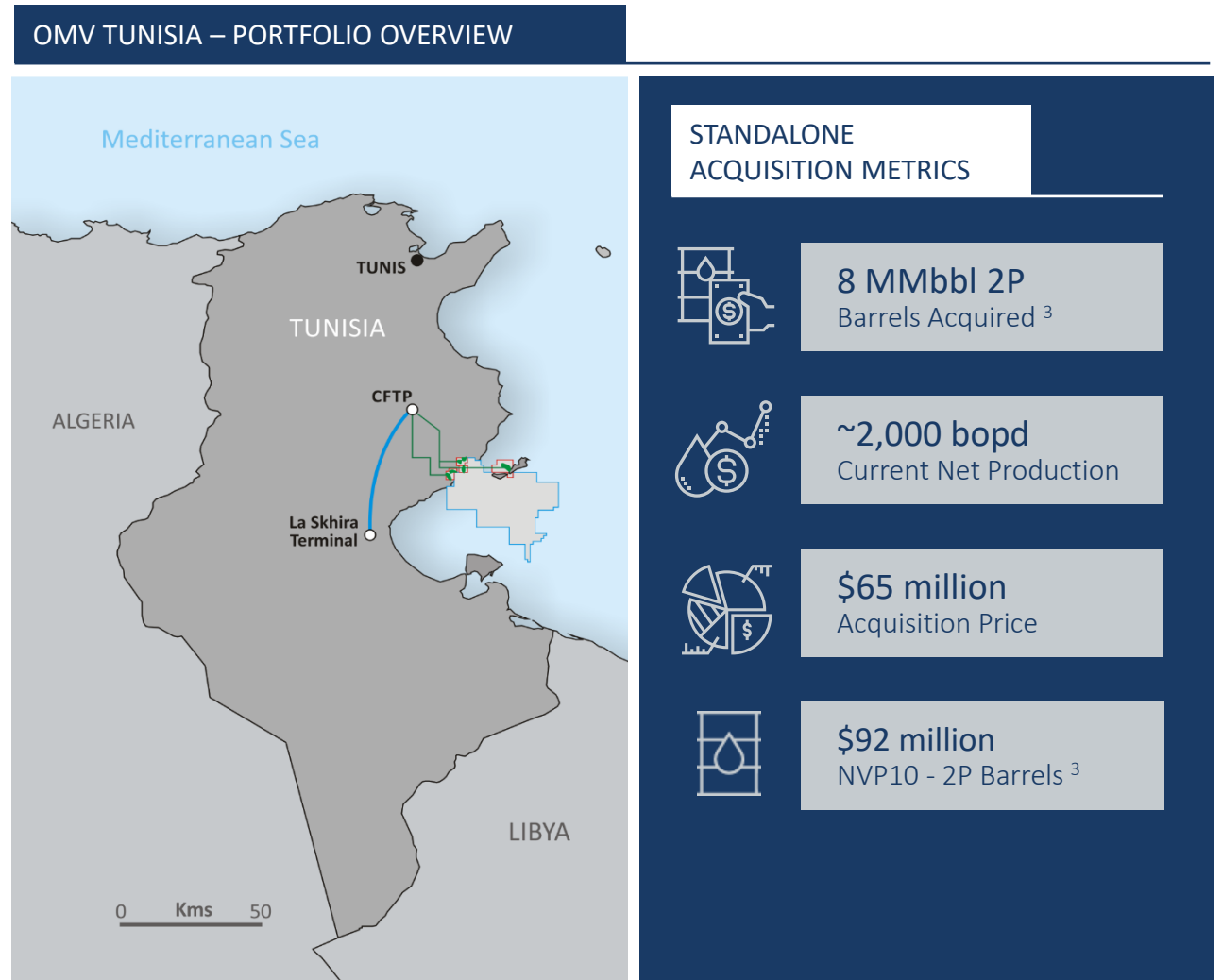
### Transformative deal that delivers on strategy of becoming a full-cycle Tunisia E&P player

- Strategically located in close proximity to assets recently acquired from DNO offering significant synergies with current operations and existing infrastructure

1) Remaining shares are held by ETAP

2) TPS is the Joint Venture operating company managing the five concessions

3) Gaffney, Cline Associates report to Panoro dated November 2018, as at June 30, 2018, \$78/bbl Brent 2018, \$70/bbl long term



# Establishing a New Core Area

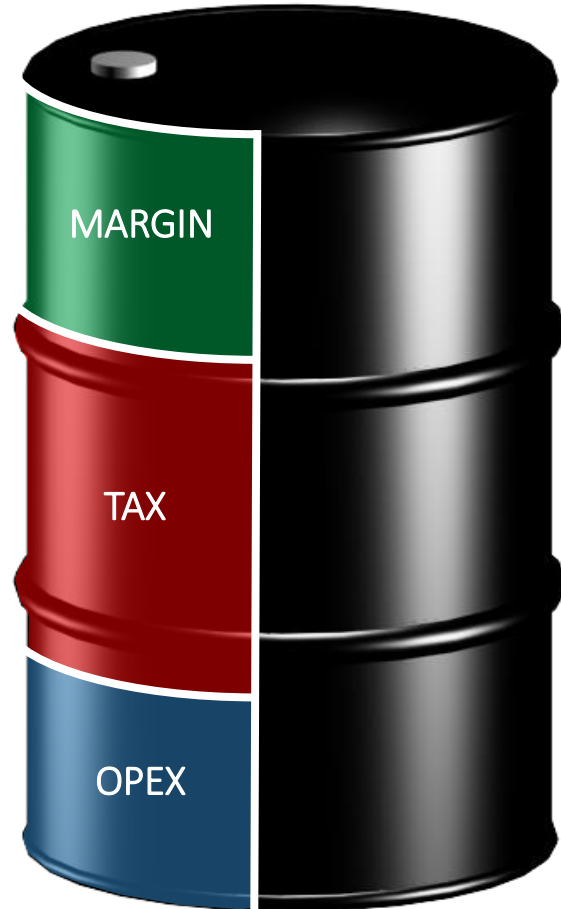
Highly Prospective Area with Low Cost Production

Assuming Brent  
\$65 per barrel

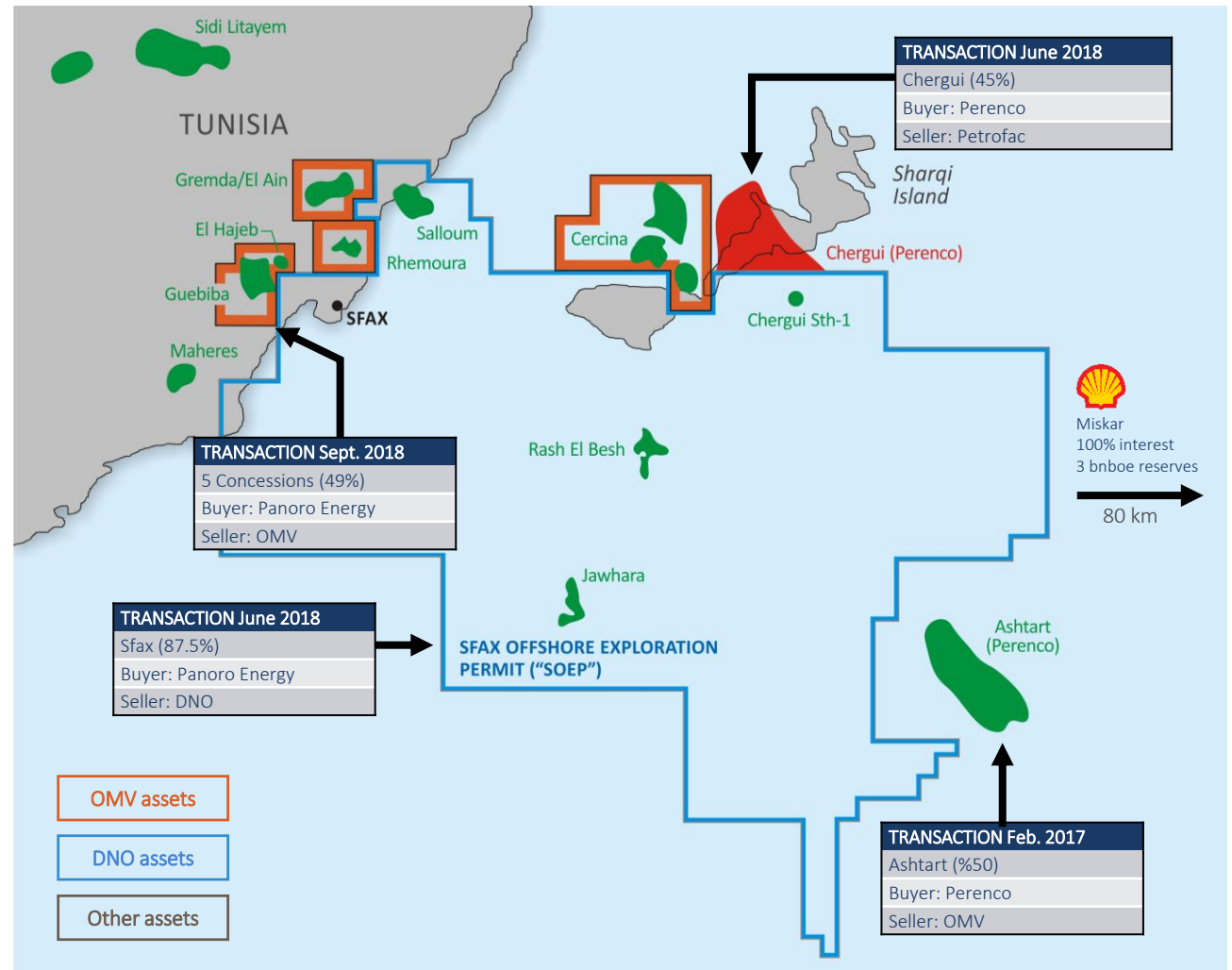
~\$18-23

\$29.5

\$10-15

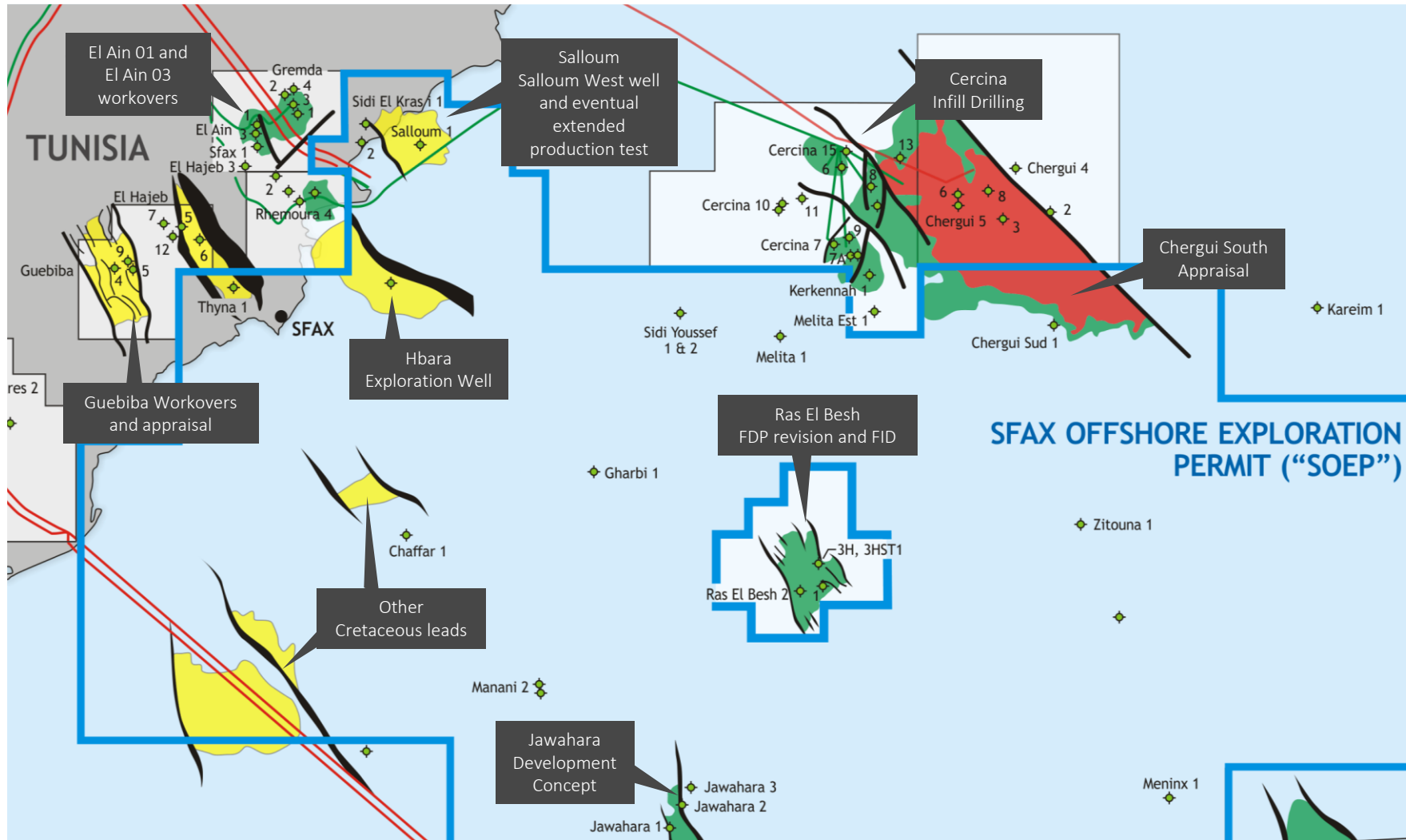


## AREA OVERVIEW AND HIGH TRANSACTION ACTIVITY





# Tunisia Future Upside Activity



## Substantial 3,228 km<sup>2</sup> exploration permit offshore Tunisia

- 400 million barrels already produced in surrounding blocks
- Close to existing infrastructure and producing fields, with spare capacity in pipelines and facilities
- DNO acquired new seismic in 2014
- Total of 15 MMbbl discovered between Ras El Besh and Jawahra
- 13 additional exploration targets identified over the permit – total P50 unrisks volumes of 250 mmbbls

# Nigeria

OML 113

The licence contains the Aje field as well as a number of exploration prospects. The Aje Field was discovered in 1997 in water depths ranging from 100-1,500m. Unlike the majority of Nigerian Fields which are productive from Tertiary age sandstones, Aje has multiple oil, gas and gas condensate reservoirs in the Turonian, Cenomanian and Albian age sandstones.

- Asset: Aje Field
- Status: Production & Development
- Ownership: 12.19% revenue interest
- Partners: Yinka Folawiyo Petroleum\*, New Age, Energy Equity Resources, MX Oil

\*Operator of the License





# OML 113 “Aje” License Overview

## Producing Field with Significant Oil and Gas Potential

### Large oil and gas accumulation offshore Nigeria

- Discovered in 1997 in water depth of 100-1,500m
- Fully appraised field by four wells in three reservoirs
- 136.4 MMBOE certified gross 2P reserves<sup>1</sup>, net to Panoro 21.6
- Historical JV payable position currently being repaid through crude sales

### Developed with 2 wells tied back to an FPSO

- FDP approved by Nigerian Government in 2014
- First oil achieved May 2016
- Currently producing ~350 bopd (net) from the Aje-4 and Aje-5 wells
- Received Ministerial consent for a 20 years license renewal

### Material upside in gas development

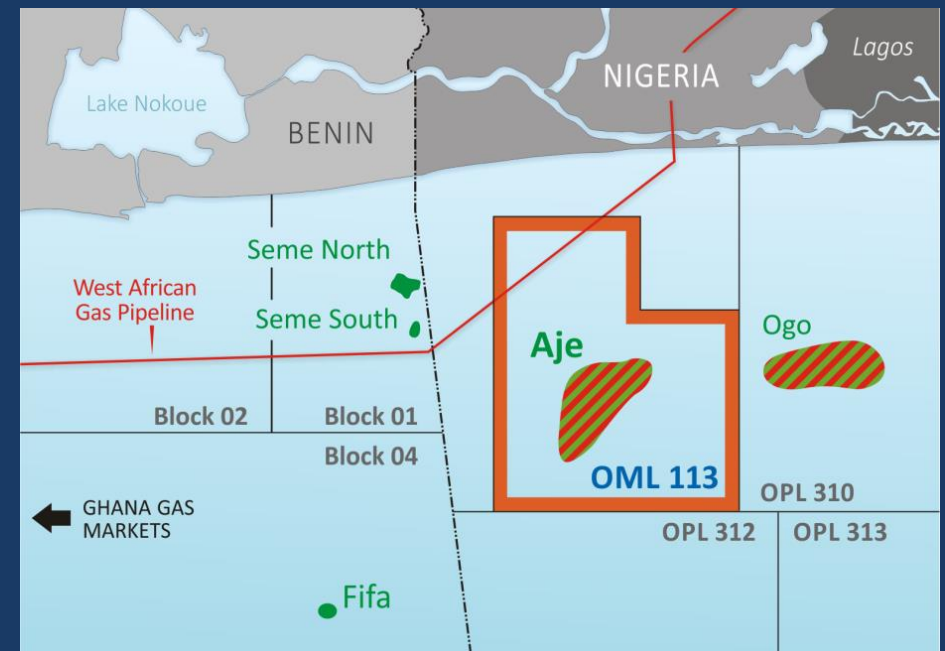
- FDP for Phase two, gas development submitted in 2017
- Development will include dedicated Turonian wells to produce gas and liquids
- Gas to be sold into WAGP or Lagos markets

1) AGR TRACS as at December 31, 2018

## PROJECT FACTS

Operator:	Yinka Folawiyo Petroleum
Revenue Interest:	Initially 12.19%
Paying Interest:	16.255%
Working Interest:	6.502%
Other Partners:	NewAge, EER, MX Oil

## FIELD OVERVIEW





# Looking Forward

**2019** Up to 4 new wells drilled

## Dussafu Phase 2

- 1 new exploration prospect test well
- 2 Production wells drilling (entering production Q1 2020)
- Tortue reserve report incorporating 2018 drilling ✓

## Tunisia

- Production optimisation and growth initiatives TPS
- Salloum West prospect well (under discussion with ETAP)

**2020** 3-6 wells drilled

## Dussafu Phase 2

- New production wells onstream
  - First two in Q1 2020
  - Up to two additional Q2/3
- Additional exploration prospect test well
- Possible 2 more prospect test wells

## Tunisia

- Production drilling
- Exploration drilling

**2020+**

## Dussafu

- Dussafu Ruche development
- Development of other discoveries
- Further exploration drilling

## Tunisia

- Further development and exploration of Tunisian asset base





## Contact Details:

---

### **PANORO ENERGY**

78 Brook Street  
London W1K 5EF  
United Kingdom

Tel: +44 (0) 203 405 1060  
Fax: +44 (0) 203 004 1130  
[info@panoroenergy.com](mailto:info@panoroenergy.com)