

PETROSEN EXPLORATION & PRODUCTION

NEW INVESTMENT OPPORTUNITIES IN SENEGAL OIL & GAS

AGENDA

COUNTRY OVERVIEW



PETROSEN PRESENTATION



EXPLORATION HISTORY

DISCOVERIES INVENTORY



TAX & FISCAL TERMS

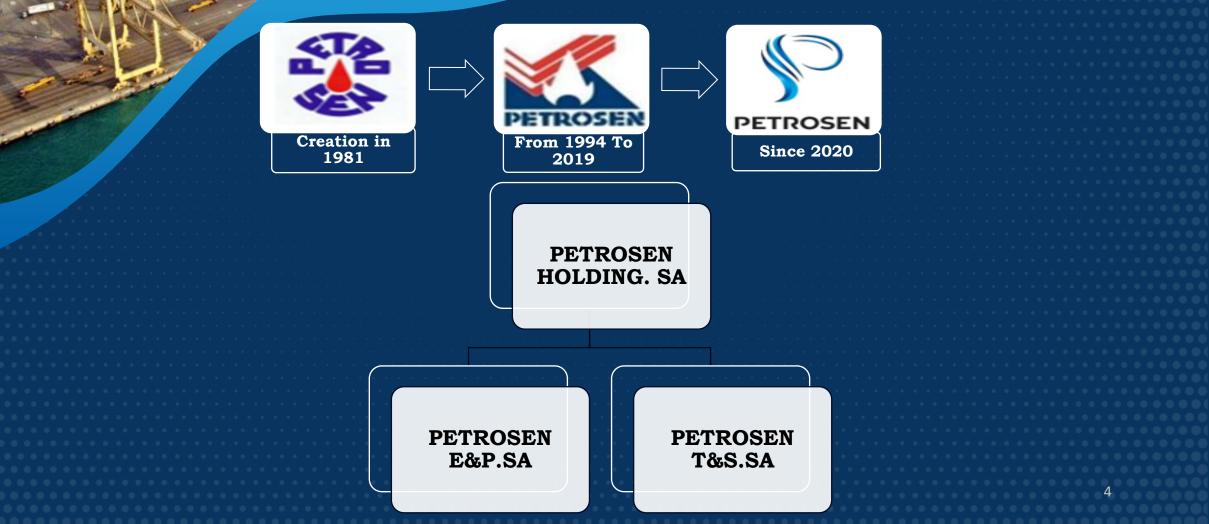


COUNTRY OVERVIEW



A COUNTRY WITH HIGH POTENTIAL IN TERM OF DEVELOPMENT

PETROSEN PRESENTATION

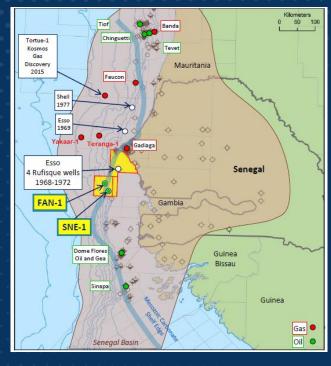


EXPLORATION HISTORY



60 900 km of 2D seismic 27150 km² of 3D seismic **Excellent** offshore coverage

+180 exploration wells (Iwell/ I337 km²). Still an Under explored **Basin**



leads

Diamniadio en 1961

Several prospects & leads identified @ Maastrichtien

Dome Flore & Gea en 1967

Almost I billion barils of heavy oil idenfied Oligocene foraminiferous limestones.

Gadiaga 1976 - 1997

Gas reserves idenfied in Campanian & Lower Senonian sandstones.

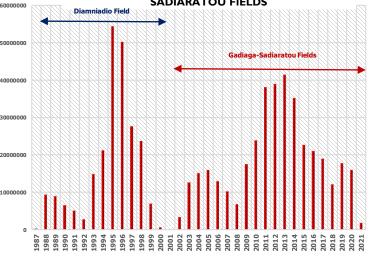
Sangomar Offshore Deep 2014-2017

Oil & gas dicoveries in the Cenomanian, Turonian & Albian sandstone reservoirs.

Saint Louis & Cayar offshore Deep in 2015, 2016, 2017 03 major discoveries of gas into the Cenomanian & Albian sandstone reservoirs.



GAS PRODUCTION IN DIMANIADIO AND GADIAGA-SADIARATOU FIELDS



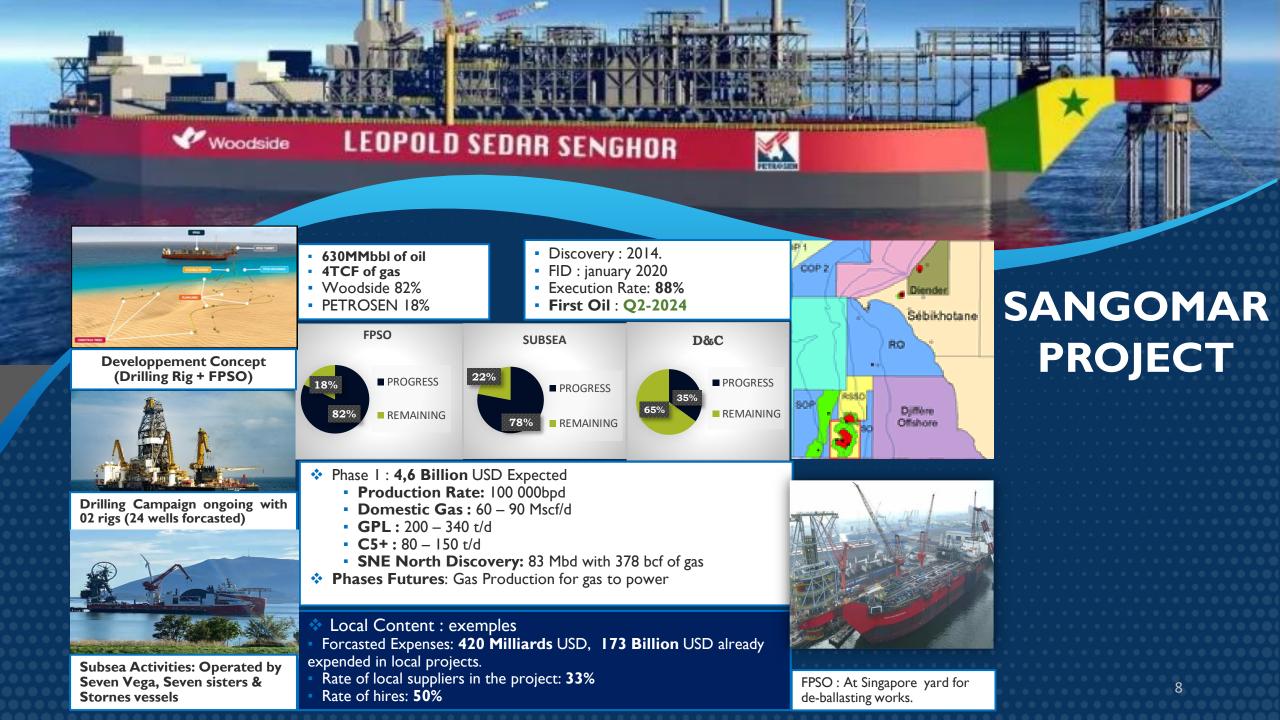
DISCOVERIES INVENTORY

GRAND TORTUE AHMEYIM

SANGOMAR

YAKAAR - TERANGA

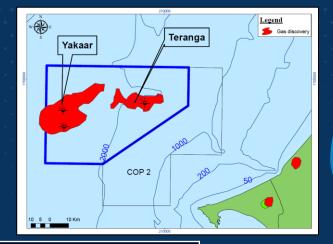




YAKAAR-TERANGA PROJECT

CAYAR OFFSHORE PROFOND

Teranga-I well: 2016 Gas Ressources: 5 Tcf □ Yakaar-I Gas well: 2017 □ Yakaar-2 Gas well: 2019 **Ressources in place : I 5 Tcf BP** Developpement wells forcasted for 2024





Development Phase I	 FID forcasted for 2024 (150 mmscf/d of gas supply equivalent to 1 TCF for 20 ans) Total Investment : 2-3 Billion USD 	Tortue-1 Teranga-1 Requin-Tigre-1 Marsouin-1 A	Disable gas Section Section
PERSPECTIVES	 Power availability at low cost Local content development with unit plant on land Local industry development (fertlizers & methanol unit plant) 	MASIN FLOOR UNIT MATERIA	Alternative and an and an and a second and a
	Orilling Rig	SENELEC conversion Plant	Market Power Distribution

C

PETROSEN

SENEGAL OPEN BLOCKS

	- III HIRSON ICC			
DATA	CAMPAIN	AREA	SIZE	
2D seismic	NWAAM 2011/2012	MSGBC	4073	
(km)	NWAAM 2017	MSGBC	10306	
3D	JAAN 2019	SOSS &SOSP	4250	Senegal License Round (12 Blocks) JAAN 30 550D0 19 90000 19 - In Progress 20 Sehmic
		OUP-Sud I & OUP- Sud2	4614	- AD See mind MID4 SS)
seismic (km²)		OUP-Nord4, OUP- Nord5 & OUP-Nord6	5191	
		OUP-Nord I	1859	
MBSS (km²)	Offshore Basin	Offshore blocks	63000	
···· /				

16 offshore opened
blocks with available data

The Senegalese onshore basin extends over nearly 60,000 km² and covers six (06) blocks : Louga, Diourbel, Sebikhotane, Saloum, Senegal Onshore Sud and Senegal Est

GAMBIA

AGC Area

Mauritania Offsho

Diourb

Sénégal Onshor

SENEGAL EST

OUP-Nerd 3

OUP-Nord S

OUP-Suit 1

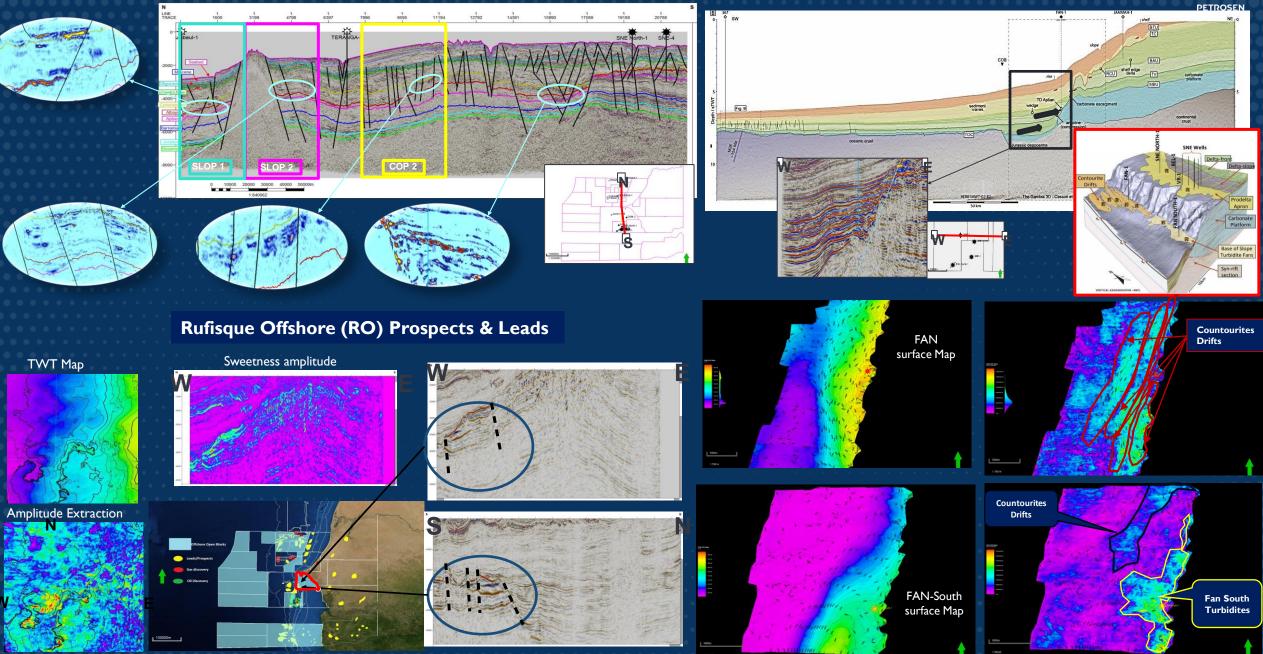
TGS

□ Two sub-basins have been identified in the Senegal East block.

Several Prospects identified along a Regional seismic Line

FAN Discovery Deposit Model





TAX & FISCALTERMS



EXPLORATION PERIOD

Initial Period: 4 Years Ist Renewal Period: 3 Years 2nd Period Period: 3 Years **EXPLOITATION PERIOD**

Initial Period: 20 Years Extension Period : 10 years

Contracting Model: PRODUCTION SHARING CONTRACT (PSC)

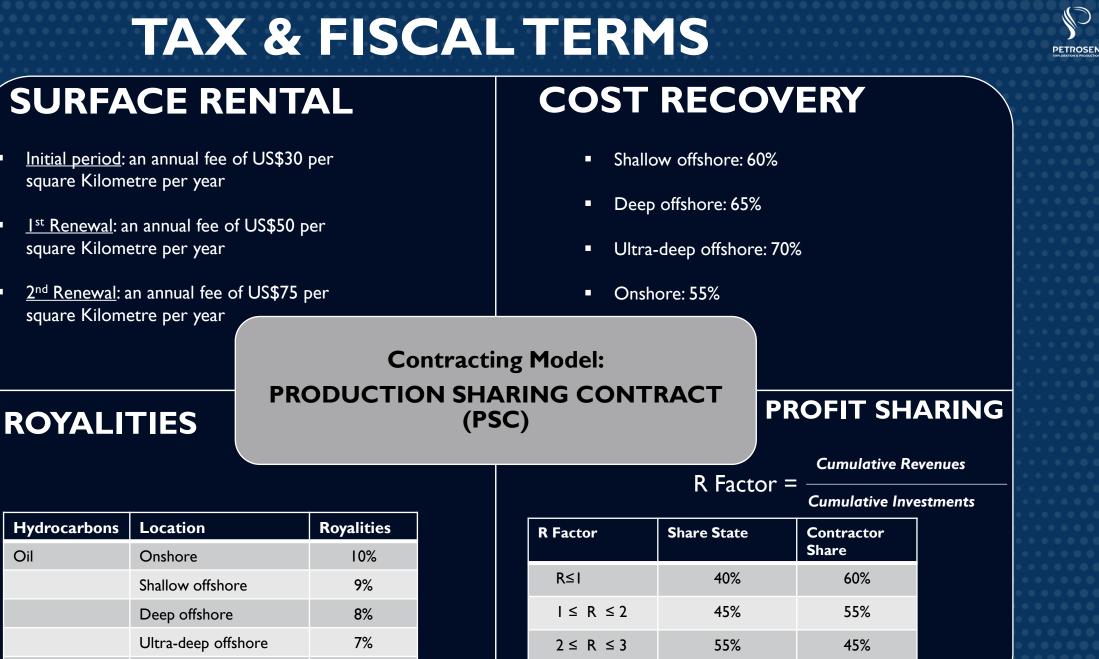
PETROSEN PARTICIPATION

Exploration Phases: Carried Interest of 10%

After Commercial Discovey:Working Intesrest Up to 20%

FISCAL REGIME

Thirty per cent (30%) Income Tax applied on Net Profit



R≥3

60%

40%

SURFACE RENTAL

- Initial period: an annual fee of US\$30 per square Kilometre per year
- Ist Renewal: an annual fee of US\$50 per square Kilometre per year
- 2nd Renewal: an annual fee of US\$75 per square Kilometre per year

6%

Oil

Gas

WHY INVEST IN SENEGAL

Good infrastructures & available facilities

Business friendly

High quality source rocks

Presence of an Under-Explored Paleozoic Basin

ozoic Basin

Democratic and political stability World class project successfully executed in a short term

Investors can

commitment

credit full

e--

Petroleum system



Functional





THANKYOU!

For more informations see: petrosenep@petrosen.sn

