



MINISTRY OF HIDROCARBONS CHUBUT PROVINCE

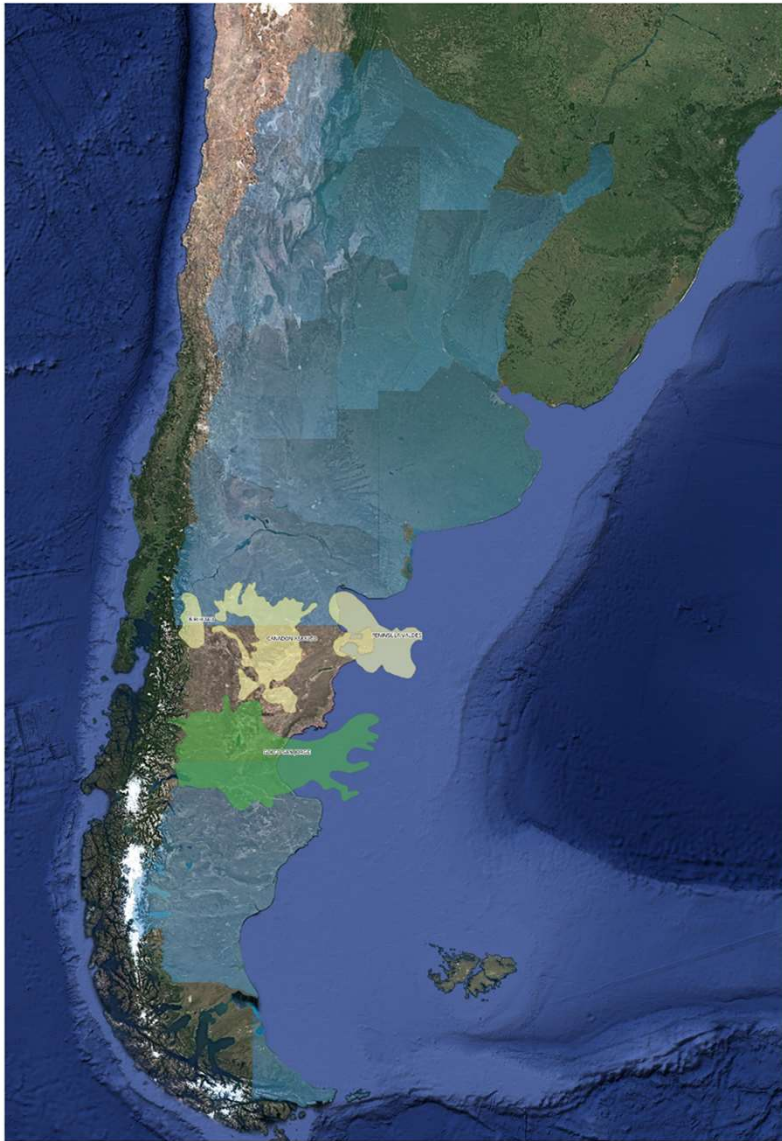


VIEW

► PROMOTE A FRAMEWORK OF CONDITIONS FOR THE SUSTAINABLE DEVELOPMENT OF HYDROCARBON ACTIVITY, SUPPORTING THE INVESTMENT LEVEL, INCREASING THE PRODUCTIVE KNOWLEDGE OF THE BASIN.

OBJETIVES

- ▶ INCREASE AND SUSTAIN INVESTMENTS
- ▶ PROMOTE OIL EXPORTS
- ▶ PROMOTE DEEP EXPLORATION
- ▶ CONTINUOUS IMPROVEMENT IN PRODUCTION



CHUBUT

Surface: **224.686 km²**

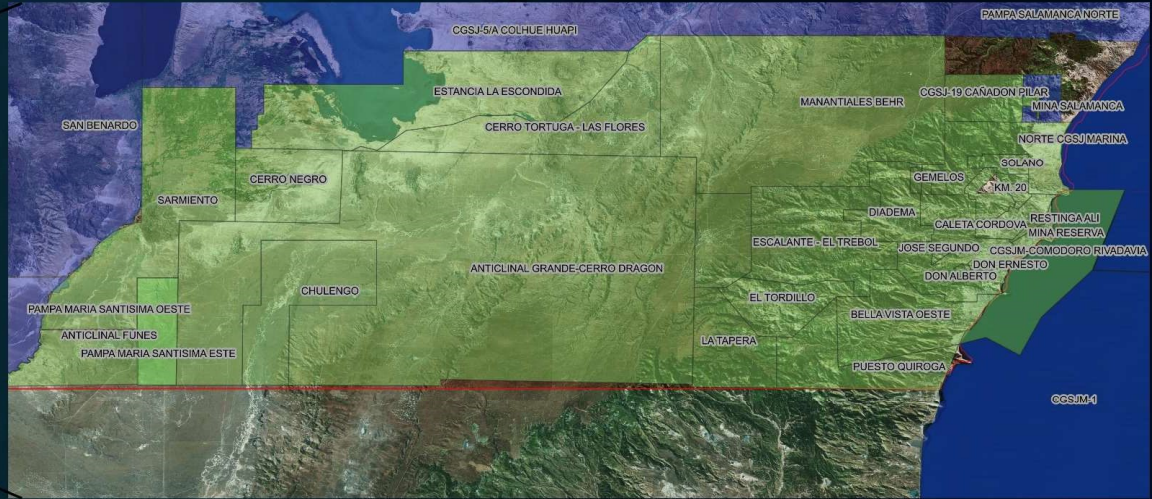
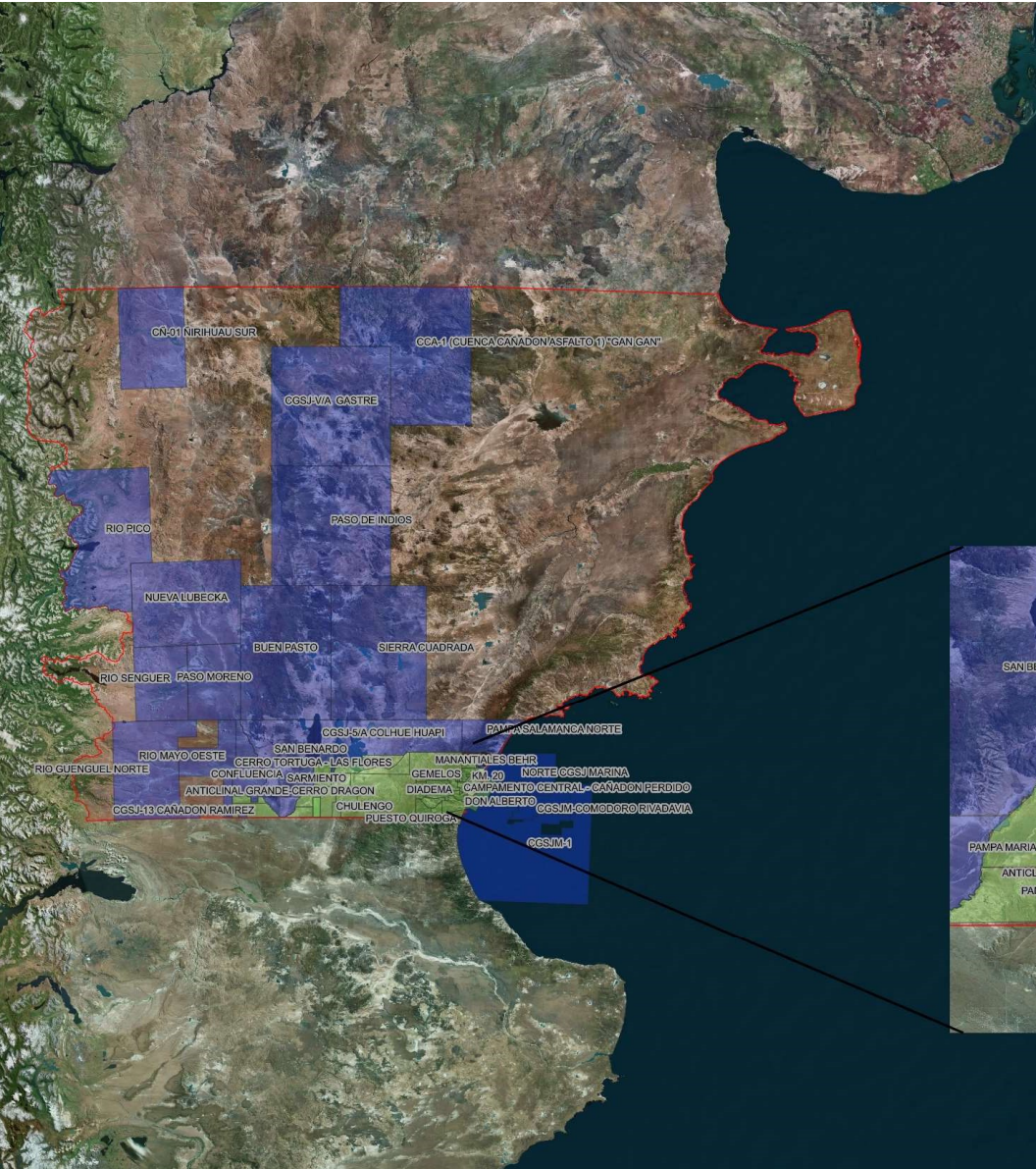
- **San Jorge Gulf Basin**
- Ñirihuau Basin
- Cañadón Asfalto Basin
- Península Valdés Basin

Areas

Exploitation : **21** Areas
(6.940 km²)

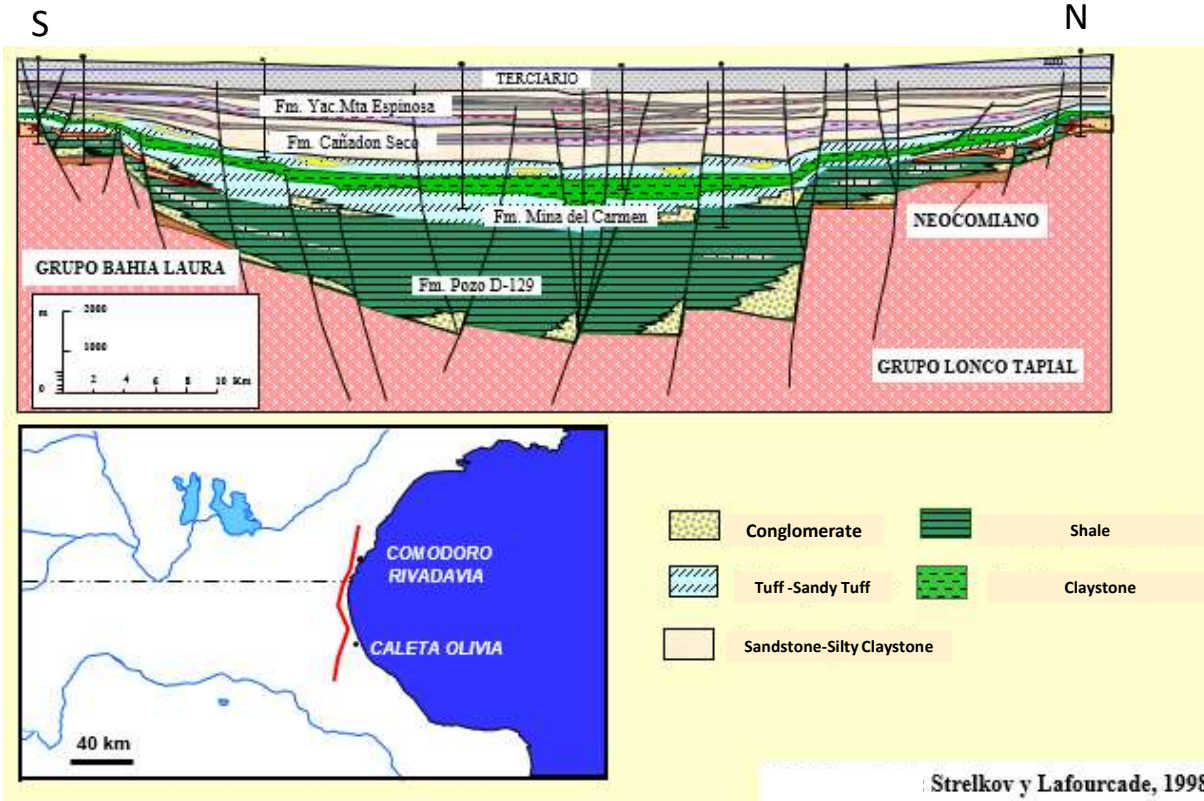
Exploration **19** Areas
(78.635 km²)

Off-shore 8.630 km²



San Jorge Gulf Basin

Regional Section



Strelkov y Lafourcade, 1998

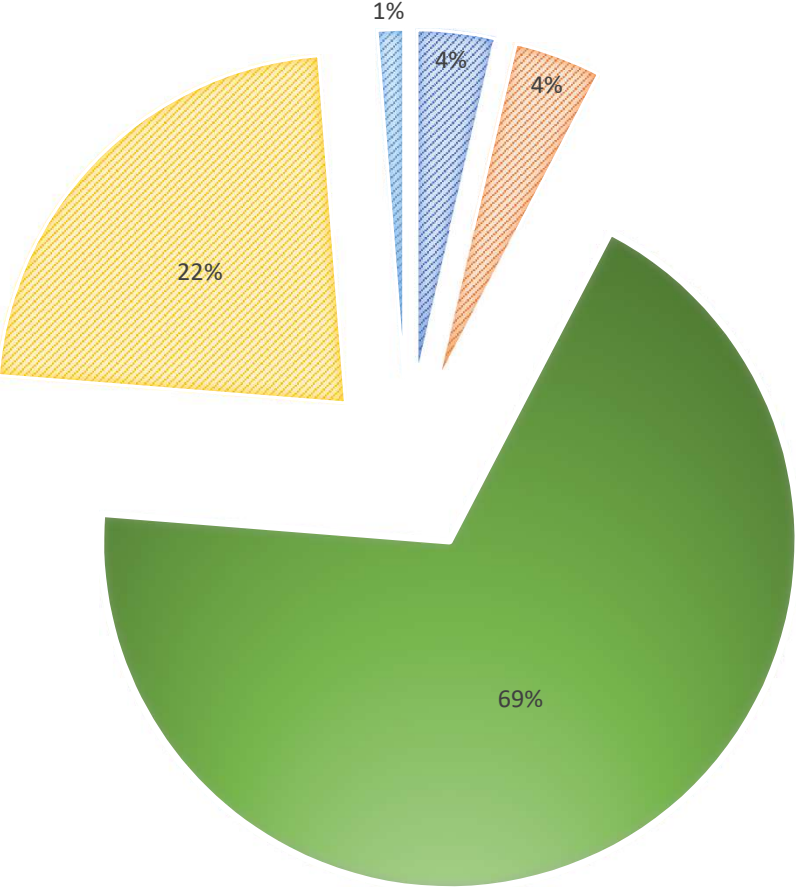
Stratigraphic Column

Stratigraphic Unit		Thickness (m)	Lithology and Paleoenvironment	Source Rock	Reservoir	Seal
TERCIARIO		0 - 500	Marine Shelf Fluvial-Estuarine-Marine Litoral - Eolian			
Upper Cretaceous	CHUBUT Group	Fm. Bajo Barreal Mbros. Superior Eg.: Fm. Yac. El Trébol y Fm. Yac. Meseta Espinosa	Deltaic Fluvial			
		Fm. Bajo Barreal Mbros. Inferior Eg.: Fm. C. Rivadavia y Formación Cañadón Seco	Fluvial - Braided Fluvial - Lacustrine			
		Fm. Castillo Eg.: Fm. Mina del Carmen	Fluvial - high sinuosity Fluvial - Lacustrine			
Lower Cretaceous	Fm. Matasiete + Fm. Pozo D-129	900 - 2500	Fluvial - Lacustrine Lacustrine			
		Fm. Pozo Cerro Guadal	Lacustrine - Deltaic			
Neocomian	Fm. Pozo Anticinal Aguada Bandera	100 - 1500	Lacustrine			
Jurassic BAHIA LAURA Group			Volcaniclastic			

Unit	Neocomiano	Pozo D-129
Thickness (m)	500-1800	1000-2000
TOC %	0,5-3	0,5-3
Type or Kerogen	II/III	I/II II/III

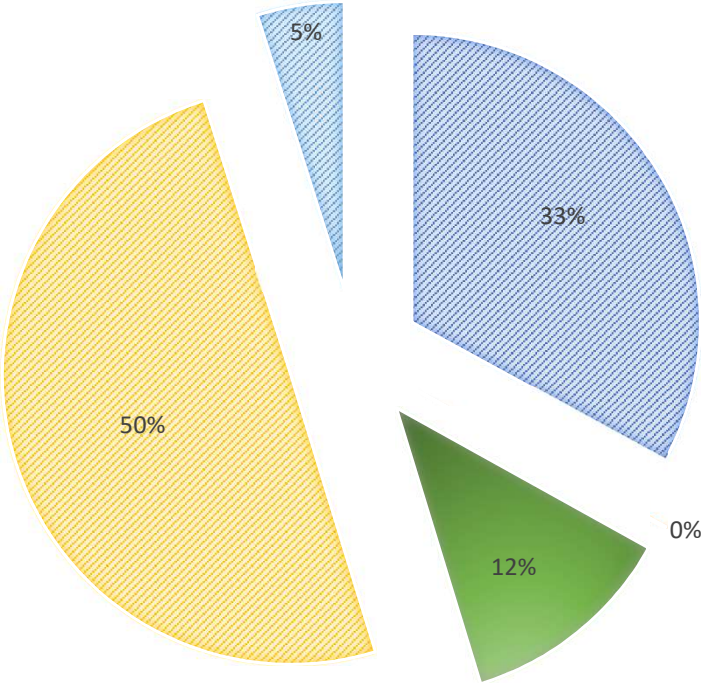
OIL PROVED RESERVES

■ AUSTRAL ■ CUYANA ■ GOLFO SAN JORGE ■ NEUQUINA ■ NOROESTE



GAS PROVED RESERVES

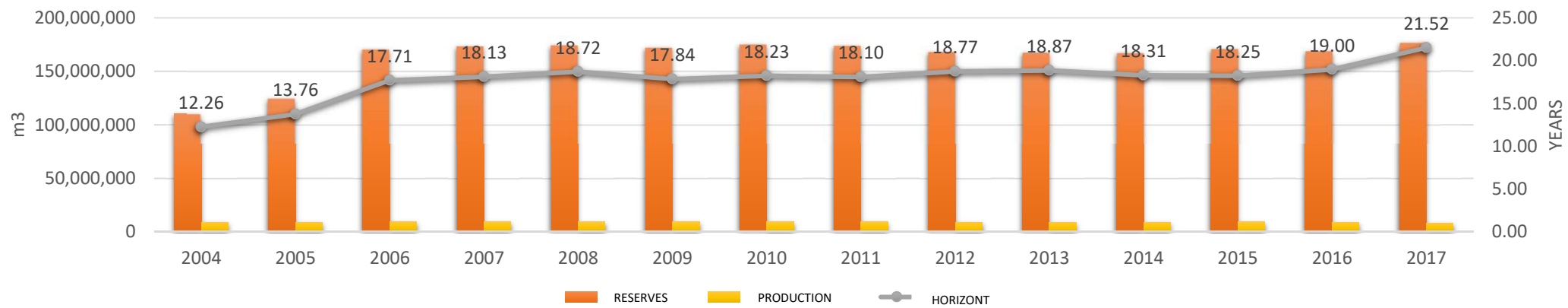
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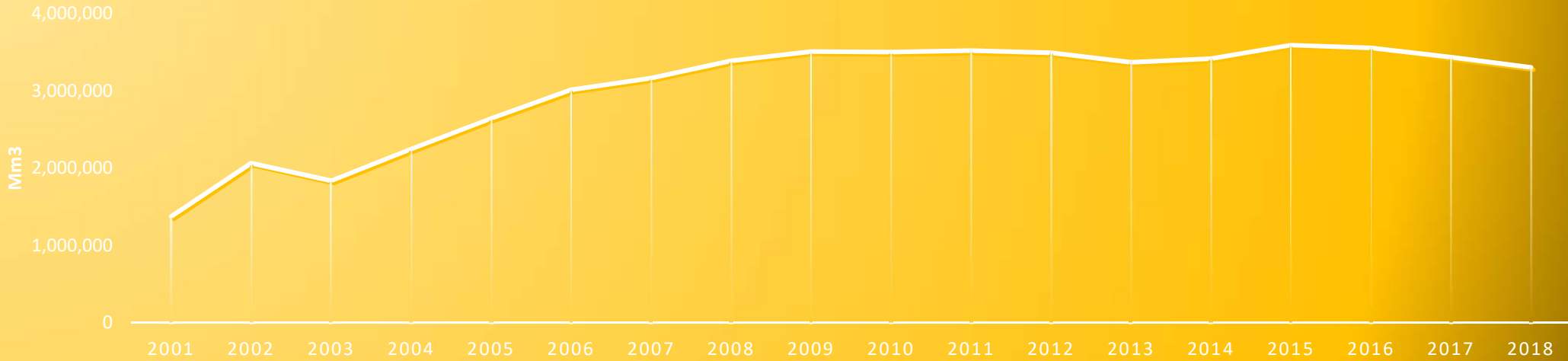
OIL PRODUCTION CHUBUT



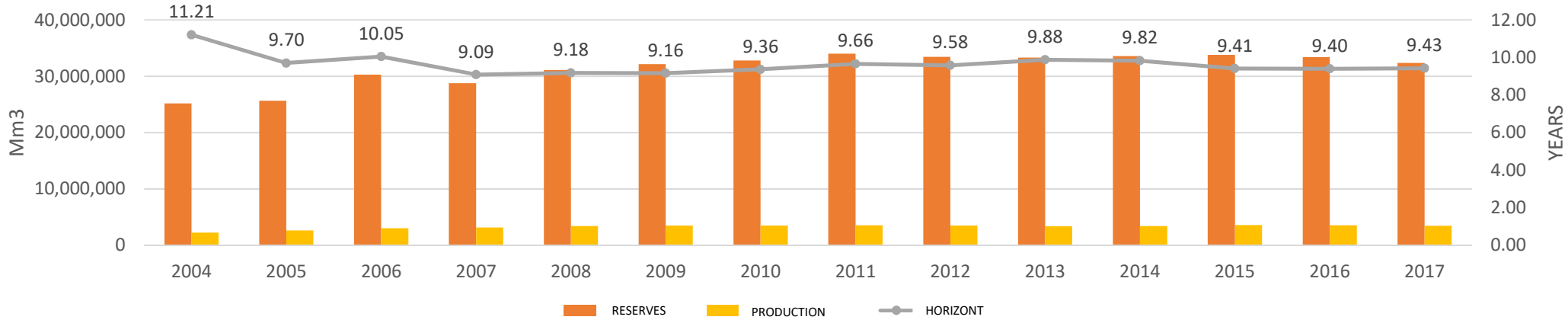
OIL RESERVES HORIZON CHUBUT



GAS PRODUCTION CHUBUT

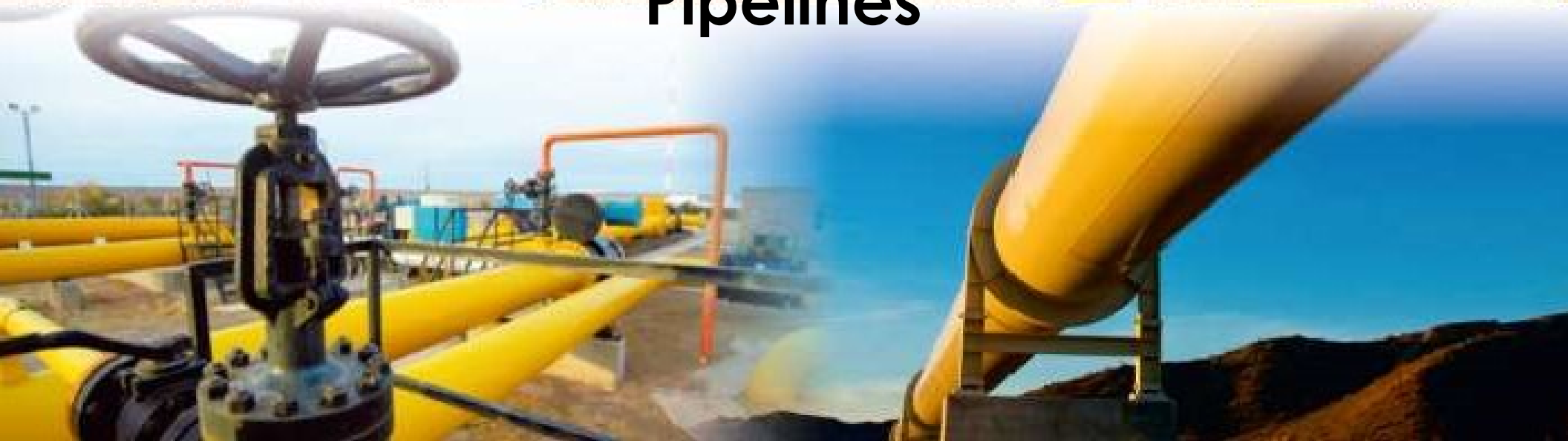


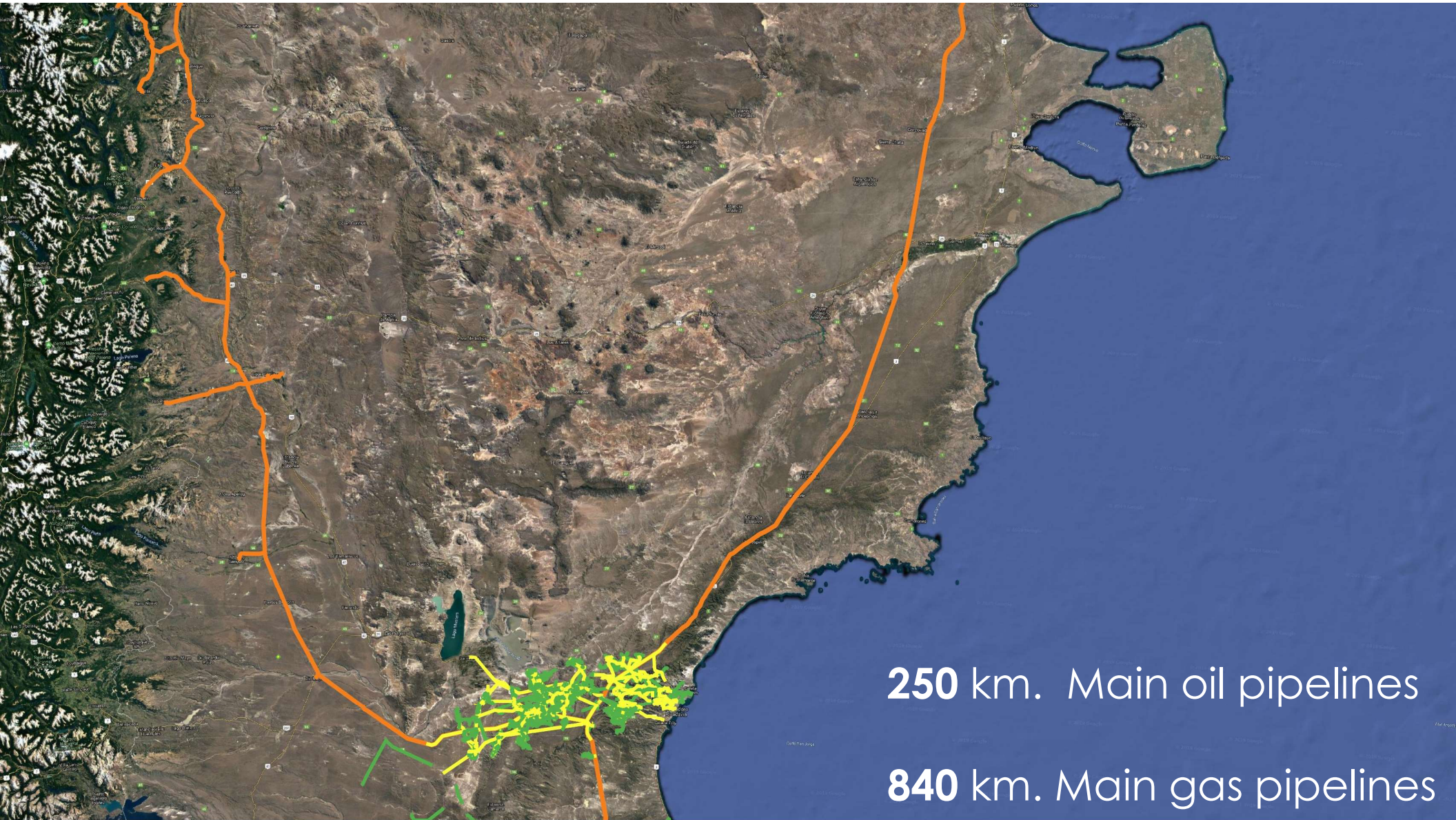
GAS RESERVES HORIZONT CHUBUT





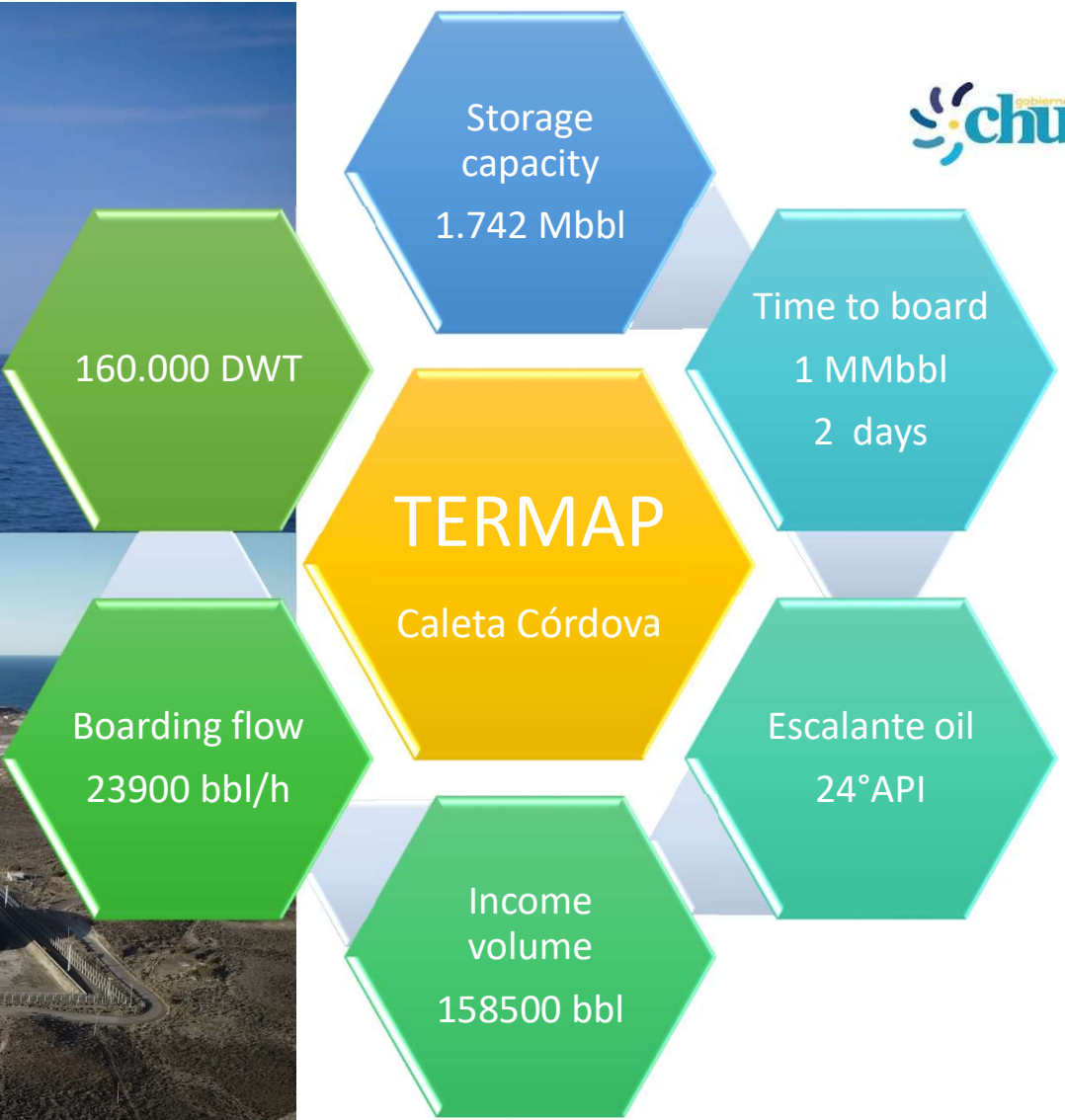
Pipelines





250 km. Main oil pipelines

840 km. Main gas pipelines



Provincial
Hydrocarbons
Law XVII N°
102

Hydrocarbon compensation bonus: 3%-4% VBP.

Social License for new projects.

Association con PMC SE.

Environmentals guarantees.



Thank you

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