

EXECUTIVE BRIEF — PETROBRAS - PETROLEO BRASILEIRO SA

Bottom Line Up Front (BLUF)

PETROBRAS - PETROLEO BRASILEIRO SA has a Forreast Score of 58/100 (Significant vulnerability). Primary vulnerability vectors: Sanctions/PEP. Recommendation: targeted review of weak vectors with monitoring.

Forreast Score: 58/100 (Significant vulnerability)

Key Findings

- Vulnerability signals detected: 17
- High-severity findings: 17
- Unique intelligence sources: 3
- Truth verification: Moderate

Top Vulnerability Vectors

- Vector: Ownership — Score: 79/100
- Vector: Legal — Score: 79/100
- Vector: Value Chain — Score: 67/100
- Vector: Financial — Score: 50/100
- Vector: Cyber — Score: 50/100

Vector Breakdown

Vector	Score	Weight	Weighted
Ownership	79/100	12%	9.48
Financial	50/100	15%	7.5
Cyber	50/100	12%	6.0
Legal	79/100	12%	9.48
Political	50/100	10%	5.0
Social	42/100	8%	3.36
Operational	50/100	12%	6.0
Value Chain	67/100	10%	6.7
People	50/100	9%	4.5

Dual-Axis Analysis

Balance Assessment: Significant vulnerability — Multiple weaknesses. Comprehensive review needed.

Attack Vector (Vulnerability): 58/100

Development Vector (Strength): 42/100

Evidence Package

- Total evidence items: 17
- Unique sources: 3
- Citation coverage: 100.0%
- Truth score: Moderate

Sanctions/PEP (Severity: 90%)

NATO Rating: Source: B (opensanctions_local_cache), Info: 2

Multiple matches against Petrobras entities and executives in the opensanctions local cache, including Petrobras International Braspetro BV, executive directors of governance/compliance, institutional relations/sustainability, and production development.

Convergence Signals (Severity: 70%)

NATO Rating: Source: B (convergence_detector), Info: 2

Convergence detected: 9 signal classes firing simultaneously on the Petrobras entity, indicating multi-dimensional risk convergence.

News/Media (Severity: 50%)

NATO Rating: Source: B (signal_sweep), Info: 2

Multiple news sources confirmed: Forbes company overview, Petrobras News Agency, Britannica Money, Wikipedia, Investidor Petrobras, and stock price tracking sites.

Falsification Conditions

- If 3 consecutive monitoring cycles produce no new adverse signals, downgrade the assessment.
- If no new adverse evidence appears within 90 days, the score should decay by 15% (regression to mean).

Exit Doors

- If monitoring shows improvement, reduce intervention frequency.

Truth Verification

Truth Score: 4/5 — **Moderate Layers Passed:** 3/5

Geometric Position

Position: Vulnerability-dominant **Distance from Balance:** 8 **Minimum Action:** Maintain monitoring cadence

This is intelligence analysis, not investment advice.
