

PETROFRIO COIN • TOKEN BEP-20 • BNB CHAIN

Petrofrio Coin

Tokenization of Industrial Refrigeration for Shipyards and Naval Industry

TOTAL SUPPLY

10,000 PTF

Fixed Supply

STANDARD

BEP-20

BNB Chain (Mainnet)

SMART CONTRACT

0xD0Af1bD51ee0132858A172D41eC769e1e3Cf9c11

Petrofrio Comércio e Serviços ME

Grupo Vandic Rocha • Rio de Janeiro, Brazil • www.petrofrio.com.br

WHITEPAPER v1.0 — 2025

This document is for informational purposes only. It does not constitute an offer of securities.

01 Executive Summary

Petrofrio Coin (PTF) is the first utility token in the Latin American maritime industrial refrigeration sector, issued on the BNB Chain under the BEP-20 standard, with a fixed supply of 10,000 tokens.

Petrofrio Comércio e Serviços ME, part of Grupo Vandic Rocha, has been operating in Rio de Janeiro for over a decade providing refrigeration and air conditioning solutions for critical industries. This initiative tokenizes part of the company's growth structure, offering the market a digital instrument backed by real operations in the naval HVAC-R sector.

PTF is not a speculative token. It represents symbolic participation in Petrofrio's growth, with projected use for preferential access to contracts, equipment discounts, priority in tenders and community governance of the company's expansion decisions.



02 About Petrofrio

Company Name	Petrofrio Comércio e Serviços ME
Group	Grupo Vandic Rocha
Segment	Industrial Refrigeration • HVAC-R • Shipyards
Headquarters	Rio de Janeiro — RJ, Brazil
Geographic Area	Brazil and Latin America
Strategic Focus	Shipyards, Offshore, Oil & Gas, Naval

Our Mission: To provide complete industrial refrigeration and air conditioning solutions for the most demanding sectors of the Brazilian economy — shipyards, offshore platforms, vessels and industrial facilities — with technical excellence, logistics agility and commitment to technological innovation.

02 Our Pillars

Team certified in VRF systems, chillers and cryogenic refrigeration for naval applications.

Specialization in supplying HVAC-R equipment to Brazilian shipyards and large vessels.

Presence and relationships with Brazil's largest shipyards, with expansion vision to Latin America.

Adoption of blockchain and tokenization as fundraising and transparency instruments for new projects.

03 Market Opportunity

Brazil has the largest naval industry in Latin America, with large shipyards in Rio de Janeiro, Pará, Santa Catarina and Rio Grande do Sul. The Brazilian naval sector demands enormous volumes of refrigeration and air conditioning equipment for cold rooms, on-board systems, industrial kitchens, crew quarters and control rooms.

Industry estimates indicate that each medium-sized vessel requires between R\$ 800,000 and R\$ 3 million in HVAC-R systems. With dozens of active orders at major shipyards, the total addressable market (TAM) for Petrofrio in Brazil exceeds R\$ 200 million annually, not considering expansion to Latin America.

Main Targeted Shipyards

Shipyard / Region	Specialty	Annual Potential
Estaleiro Mauá — RJ	Cargo ships and tugboats	R\$ 8–15M
Wilson Sons — RJ/SP	Offshore support vessels	R\$ 12–20M
Estaleiro Rio Nave — RJ	Offshore vessels	R\$ 10–18M
Aliança Navegação	Long-haul ships	R\$ 6–10M
Estaleiros Sul do Brasil	Fishing boats and ferries	R\$ 5–8M
Lat Am Market (expansion)	ARG, COL, PE, CL, URU	R\$ 20–50M

Expansion to Latin America: Latin America has a significant deficit of specialized suppliers in naval refrigeration. Countries such as Argentina, Colombia, Peru, Chile and Uruguay have fast-growing fishing and coastal navigation industries with limited access to quality HVAC-R technology. Petrofrio positions itself as a bridge between Asian and European manufacturers and these emerging markets, operating as a regional importer and distributor.

04 The PTF Token

Technical Specifications

Token Name	Petrofrio Coin
Symbol	PTF
Standard	BEP-20 (Binance Smart Chain / BNB Chain)
Contract	0xD0Af1bD51ee0132858A172D41eC769e1e3Cf9c11
Total Supply	10,000 PTF (fixed — no additional issuance)
Price per Token	R\$ 10,000.00 (ten thousand BRL)
Total Market Cap	R\$ 100,000,000.00 (one hundred million BRL)
Decimals	18
Main Network	BNB Chain (Mainnet)
Audit Standard	BEP-20 compatible with MetaMask, Trust Wallet, PancakeSwap
Owner	Grupo Vandic Rocha

Token Distribution

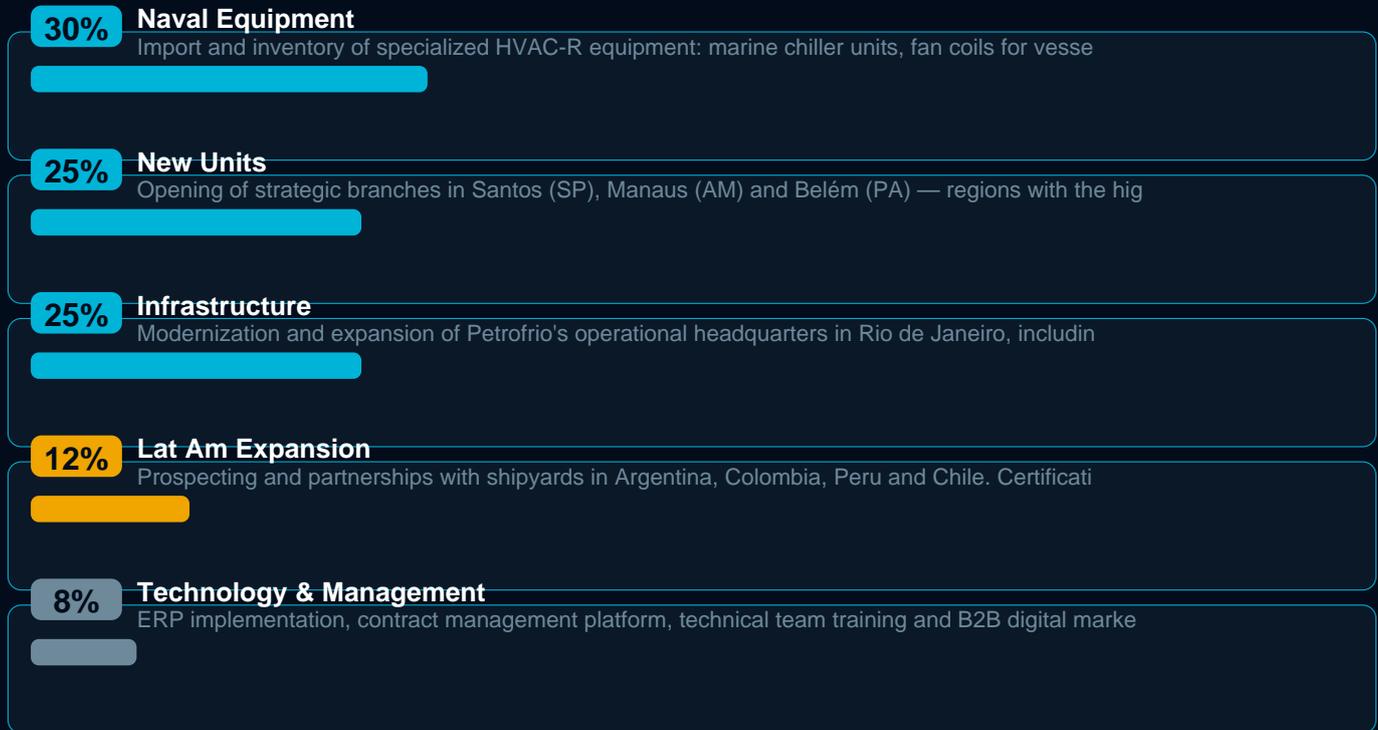


Token Utility

- 01 Preferential Access**
PTF holders have priority in quotes and contracts with Petrofrio for equipment supply to shipyards.
- 02 Commercial Discount**
Clients paying in PTF receive up to 8% discount on imported equipment value.
- 03 Community Governance**
PTF holders vote on strategic expansion decisions: new units, new markets and product lines.
- 04 Equipment Reserve**
Tokens used as a reservation signal for equipment batches in scheduled imports.
- 05 Partner Network**
Access to the supplier and logistics partner network of Grupo Vandic Rocha in Brazil and abroad.

05 Allocation of Raised Funds

The funds raised through the sale of PTF tokens allocated to the market (85% of supply = 8,500 PTF) will be strategically and transparently allocated across the following fronts:



Revenue Projection — Conservative Scenario

Period	Projected Revenue	Contracts	Note
Year 1	R\$ 2.5 – 4.0M	4 – 6	Consolidation RJ + 1st branch
Year 2	R\$ 5.0 – 8.0M	8 – 12	2 branches + naval portfolio
Year 3	R\$ 10.0 – 16.0M	15 – 25	Lat Am expansion initiated
Year 4	R\$ 18.0 – 30.0M	25 – 40	Consolidated regional presence

06 Strategic Roadmap

Q1 2025 LAUNCH

- Deploy BEP-20 contract on BNB Chain
- Open PTF public token sale
- Publish whitepaper and official landing page
- List on DEX exchanges (PancakeSwap)

Q2 2025 OPERATIONAL

- Complete fundraising and allocate resources
- Sign first naval contracts via PTF
- Begin RJ headquarters expansion works
- Import first batch of specialized equipment

Q3 2025 EXPANSION I

- Open Santos — SP branch
- Launch governance portal for holders
- Participate in nautical fairs (FENAVEM, SMM)
- Begin contacts with Argentine and Colombian shipyards

Q4 2025 EXPANSION II

- Open Manaus or Belém branch
- Transparency report for holders
- First international sale (Lat Am)
- Evaluate listing on partner CEX exchanges

2026+ CONSOLIDATION

- Presence in 5+ Latin American countries
- Evaluate 2nd token issuance or contract NFTs
- Portfolio of 30+ served shipyards
- PTF loyalty program for recurring clients

07 Blockchain Technology

Why BNB Chain?

BNB Chain (formerly Binance Smart Chain) was chosen as the PTF infrastructure for combining the best characteristics for an industrial utility token: speed, low transaction cost, high liquidity and wide adoption by global wallets and exchanges.

Gas Fee

Transactions under U\$ 0.10, enabling micropayments and everyday use in the industrial sector.

Speed

Confirmation in approximately 3 seconds — ideal for real-time commercial transactions.

Liquidity

Robust DeFi ecosystem via PancakeSwap, Venus and other decentralized exchanges.

Compatibility

Fully compatible with MetaMask, Trust Wallet and market hardware wallets.

Auditability

Contract publicly verifiable on BscScan by any holder or external auditor.

Contract Verification

Contract Address

```
0xD0Af1bD51ee0132858A172D41eC769e1e3Cf9c11
```

The Petrofrio Coin smart contract can be publicly audited at bscscan.com. Any holder can verify the supply, balances and transactions in a fully transparent and immutable way.

How to Acquire PTF

- 01 Install MetaMask or Trust Wallet and configure the BNB Chain (Mainnet)
- 02 Buy BNB on your preferred exchange (Binance, Coinbase, etc.)
- 03 Access PancakeSwap (pancakeswap.finance) and connect your wallet
- 04 Paste the contract address: `0xD0Af1bD51ee0132858A172D41eC769e1e3Cf9c11`
- 05 Set the BNB amount to swap for PTF and confirm the transaction
- 06 PTF will appear automatically in your wallet after confirmation

08 Team and Governance

Grupo Vandic Rocha

Grupo Vandic Rocha is a business holding headquartered in Rio de Janeiro, operating three complementary entities in the HVAC-R and industrial refrigeration segment. Management is centralized with family control and a focus on technical quality, long-term client relationships and continuous innovation.

Holding	Grupo Vandic Rocha
Company 1	Setfrio Ar Condicionado e Refrigeração Eireli
Company 2	Petrofrio Comércio e Serviços ME
Company 3	Petrório Comércio Importação e Serviços Ltda
HQ City	Rio de Janeiro — RJ, Brazil

Token Governance Structure

Transparency

All fundraising, allocation and resource usage reports will be published quarterly for holders.

Voting

Relevant strategic decisions will be submitted to a community vote of holders (1 token = 1 vote).

Audit

The smart contract is public on BscScan. Anyone can audit balances and transactions.

Vandic Reserve

The 1,500 PTF from Grupo Vandic Rocha's reserve are locked for 12 months after launch (lock-up).

No Additional Issuance

The supply of 10,000 PTF is fixed and immutable. There is no technical possibility of additional minting.

09 Risk Factors

IMPORTANT WARNING

Investing in crypto assets involves significant risks. Read this section carefully before acquiring PTF.

Market Risk

The price of PTF may vary significantly based on supply and demand, the global crypto market and macroeconomic factors outside Petrofrio's control.

Regulatory Risk

Crypto asset regulation in Brazil and Latin America is evolving. Regulatory changes may impact the token's trading or utility.

Operational Risk

Petrofrio's expansion is contingent on the successful execution of the business plan, availability of specialized technical labor and the financial health of the naval sector.

Liquidity Risk

Being a token with a limited supply of 10,000 units, DEX exchange liquidity may be reduced, making large-volume sales difficult.

Technological Risk

Despite BNB Chain's robustness, risks associated with smart contract vulnerabilities, bugs or exploits cannot be completely eliminated.

Exchange Rate Risk

Equipment import operations are denominated in USD, exposing the company to BRL/USD exchange rate risk in scenarios of Real devaluation.

10 Legal Notice & Contact

Legal Notice

This whitepaper was prepared exclusively for informational purposes and does not constitute an offer, invitation or solicitation to buy or sell securities in any jurisdiction. Petrofrio Comércio e Serviços ME and Grupo Vandic Rocha make no representation regarding the financial return of the PTF token. Investing in crypto assets is high risk and may result in total loss of invested capital. Consult your financial advisor before making any investment decision.

PTF is classified as a utility token and not as a security. Its acquisition grants usage rights within the Petrofrio ecosystem, as described in this document, but does not guarantee rights to dividends, profit sharing or any other corporate rights.

Contact Information

Company	Petrofrio Comércio e Serviços ME
Group	Grupo Vandic Rocha
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Price per Token	R\$ 10,000.00 (ten thousand BRL)
Total Cap.	R\$ 100,000,000.00 (one hundred million BRL)
Verification	bscscan.com — search for the contract address
Network	BNB Chain (Mainnet) • BEP-20 Standard

"Industrial refrigeration moves the world. PTF moves Petrofrio toward the future of the Latin American naval industry."

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