QA STRATEGIC TRADE & MARITIME INFRASTRUCTURE DOSSIER · 2026 EDITION BR

Qatar Ports, Food Security Silos & Strategic Importers

Bilateral Maritime Logistics, Strategic Buffer Stock Architecture (730 Days), and Port Megaterminal Synergies in the Brazil ⇄ Qatar Agri-Commodity & Industrial Energy Corridor

DEEPWATER PORT MEGAHUB
Hamad Port (7.5M TEU)
17m Draft · CT1 & CT2 Fully Operational

AUTOMATED GRAIN SILOS (SFSF)
56 Silos · 300k t
Wheat, rice & barley with 500 t/day mill

EDIBLE OIL STORAGE & REFINERY
12 Tanks · 140k t
Port refinery & packaging line (300 t/day)

HALAL REEFER COLD CHAIN
1,400+ Plugs
Direct reception of Brazilian poultry & beef

SOURCE: PORT2040.AI · COMEXSTAT MDIC 154 • MWANI QATAR · QTERMINALS · HASSAD FOOD • NATIONAL PLANNING COUNCIL (NPC) AUDIT • RELEASE 45.48-RC1

🌐 Strategic Macro Context: Brazil ⇄ Qatar Bilateral Corridor (2026)

Consolidated trade architecture based on official ComexStat 2026 records (MDIC Comex-Vis Code 154)

BILATERAL TURNOVER (FOB)
US$ 374.26M
Import + Export commercial flow

BRAZIL EXPORTS TO QATAR
US$ 240.84M
147.2k tons (Food security & energy pipes)

BRAZIL IMPORTS FROM QATAR
US$ 133.42M
212.7k tons (QAFCO Urea & petrochemicals)

TRADE BALANCE & OCEAN FREIGHT
+US$ 107.42M
Brazil surplus · US$ 10.46M Ocean freight

🚢 Top Brazilian Exports to Qatar (Hamad Port & HIA Bunkering)

- **Halal Poultry Meat (HS4 0207):** US$ 130.35M (69.2k t · **54.12% share**) — Shipped from Paranaguá (PR), Itajaí (SC), and São Francisco do Sul (SC) into Hamad Port's reefer plugs.
- **Aviation Jet Fuel JET A-1 (HS4 2710):** US$ 60.08M (51.8k t · **24.95% share**) — Strategic international flight bunkering for the Qatar Airways long-haul fleet at GRU and GIG.
- **Seamless Steel Line Pipes (HS4 7304):** US$ 17.52M (8.9k t) — Heavy offshore gas pipelines manufactured by Vallourec (Belo Horizonte/Jeceaba) for QatarEnergy's North Field expansion.
- **Inspected Halal Beef (HS4 0201/0202):** US$ 16.42M (2,440 t) — Chilled and frozen beef cuts from Goiás and Mato Grosso for Widam Food and high-end hotel chains.
- **Kiln-Dried Pine Sawnwood (HS4 4407):** US$ 6.70M (12.8k t) — Structural lumber for Qatari infrastructure.

🚢 Top Brazilian Imports from Qatar (Mesaieed Port & Ras Laffan)

- **Urea Fertilizers (HS4 3102):** US$ 75.01M (167.6k t · **56.22% share**) — Loaded at Mesaieed Port by QAFCO and discharged at Paranaguá (US$ 37.2M), Rio Grande (US$ 18.2M), Santos, and Vitória.
- **Petroleum Oils & Refined Naphtha (HS4 2710):** US$ 45.89M (37.6k t · **34.39% share**) — Discharged at Salvador / Camaçari Petrochemical Complex (BA) and Port of Rio de Janeiro.
- **Ethylene Polymers (HS4 3901):** US$ 6.54M (5.9k t) — Thermoplastic resins from QAPCO/Muntajat received at São Francisco do Sul, Salvador, and Santos.
- **Primary Aluminium Ingots (HS4 7601):** US$ 5.03M (1.5k t) — High-purity metal from Qatalum landed at Santos for industrial manufacturing in Itu and São Paulo.
- **Rare Gases & Helium (HS4 2804):** US$ 765k (43.9 t) — World-scale medical and industrial helium from Ras Laffan.

Source: MDIC / SECEX ComexStat Code 154 (2026 Consolidated Analytics)

Comparative Matrix: Qatar's 5 Commercial Maritime Ports

Infrastructure technical specifications, throughput capacities, and operational alignment with Brazilian trade flows

PORT & LOCATION	AUTHORITY / OPERATOR	MAX DRAFT	BERTHS	ANNUAL THROUGHPUT CAPACITY	BILATERAL SYNERGY: BRAZIL ⇄ QATAR
Hamad Port Umm Al Houl (Doha South)	**QTerminals** Mwani (51%) / Milaha (49%)	**17.0 m**	**14**	• **7.5M TEUs** (CT1 + CT2 active) • 1.7M t General Cargo / Breakbulk • 1.0M t Dry Bulk · 500k Ro-Ro cars	**MAIN IMPORT GATEWAY** Receives 100% of Brazilian containerized Halal poultry (US$ 130M), beef (US$ 16M), pine timber, and Vallourec steel pipes.
Mesaieed Port Mesaieed Industrial City (MIC)	**QatarEnergy** Mwani Qatar Logistics	**13.5 m** (15m ch.)	**18**	• **>30 Million tons / year** • 3.8M t Urea & 2.3M t Ammonia (QAFCO) • 645k t Primary Aluminium (Qatalum)	**FERTILIZER & METALS ORIGIN** Origin of 100% of QAFCO urea shipments (US$ 75M) bound for Paranaguá, Rio Grande, Santos, and Vitória.
Ras Laffan Port Ras Laffan Industrial City	**QatarEnergy** Ras Laffan Port Authority	**15.0 m**	**22**	• **World's Largest LNG Export Port** • >77M t/yr LNG (expanding to 142M t/yr) • Global Helium Extraction Facility	**ENERGY & RARE GASES** Supplies high-purity medical and industrial helium (HS 2804) and condensate naptha for Brazil's chemical industry.
Ruwais Port Madinat ash Shamal (North)	**Mwani Qatar**	**5.0 m**	**4**	• Northern regional GCC trade gateway • Coastal dhows, livestock & aggregate cargo	**REGIONAL FEEDERS** Feeder distribution of regional livestock and building supplies to neighboring Gulf territories.
Doha Port Downtown Doha Corniche	**Mwani Qatar**	**10.0 m**	**3**	• Luxury Cruise Terminal & Mega-Yachts • Fully redeveloped post-Hamad commissioning	**TOURISM & LUXURY** High-end maritime tourism and cruise passenger gateway with zero commercial cargo congestion.

Source: Mwani Qatar / QTerminals / QatarEnergy Technical Reports

Strategic Food Security Facilities (SFSF) at Hamad Port

A 53-hectare automated industrial storage and processing fortress guaranteeing national food autonomy

Grain Silos Battery

56 Silos · 300k t

Vertical concrete silos for wheat, rice, and barley. Directly linked to an integrated automated flour mill producing **500 t/day**.

Edible Vegetable Oils

12 Tanks · 140k t

Static storage for crude/refined soybean, sunflower, and palm oil. Direct quayside piping to port refinery and bottling line (**300 t/day**).

Sugar Silos & Refining

110,000 t

Automated raw and white sugar storage with an on-dock optical sorting and retail packaging line operating at **300 t/day**.

Halal Cold Chain Hub

1,400+ Reefer Plugs

Climate-controlled container yards dedicated to continuous cold chain monitoring for Brazilian Halal poultry and beef with zero thaw risk.

Automated Quayside Handling & Pneumatic Unloading

Bulk grains and liquid oils are discharged directly from deep-draft vessels (up to **17.0m draft**) via high-speed pneumatic unloaders and enclosed conveyor bridges operating at **1,200 tons/hour**. Vessels achieve turnaround times 40% faster than regional peers, eliminating demurrage costs and exposure to marine humidity.

Quarantine & Central Laboratory (MoPH)

Integrated within the SFSF perimeter operates the Ministry of Public Health's **Central Food Safety Inspection Laboratory**. Samples undergo real-time PCR, microbial, and Halal-compliance testing within 6 to 12 hours of berth discharge, enabling immediate green-channel clearance onto refrigerated distribution trucks.

Source: Mwani Qatar / Qatar National Food Security Program (QNFSP)

🏛 Sovereign Food Security Policy: 730-Day Buffer Stock & Governance

Qatar National Vision 2030 (QNV 2030) and the Third National Development Strategy (NDS3 2024–2030)

PHYSICAL BUFFER MANDATE

730 Days

Mandatory physical storage of **2 full years of national consumption** in basic staples (grains, vegetable oils, sugar) inside Hamad Port silos.

INVENTORY ROTATION PROTOCOL

Dynamic FIFO

Rolling Strategic Buffer: batches stored 6–12 months are released to the domestic market or regional re-export and backfilled by new Brazilian bulk arrivals.

CUSTOMS PRE-CLEARANCE

< 12 Hours

Digital Single Window **Al Nadeeb** integrates with vessel AIS during navigation; imports clear customs and health inspection in under 12 hours.

GREEN PORT OPERATIONS

-25% Carbon

100% electric STS/RTG cranes powered by Al Kharsaah 800MW solar plant; cold ironing berths and LNG vessel bunkering.

⚖ Integrated Sovereign Food Security Governance Framework

1. Ministry of Commerce & Industry (MoCI)

Defines price stabilization policies, subsidies, and strategic import quotas to safeguard consumer purchasing power and domestic price stability.

2. Hassad Food (QIA Sovereign Fund)

Acts as the sovereign investment and commercial procurement aggregator, executing forward off-take contracts with major Brazilian farming cooperatives and tradings.

3. Mwani Qatar & QTerminals

Provides world-class maritime infrastructure, preferential quayside priority berthing for food vessels, and 24/7 cold-chain power telemetry.

🏢 Directory of Strategic Qatari Importers & Offtakers

Key institutional and commercial buyers controlling Qatar's food supply, retail distribution, and industrial offtake

Al Meera Consumer Goods (Q.P.S.C.)

RETAIL CHAMPION

Qatar's Largest Food Retailer (60+ Stores)

Publicly traded retail powerhouse operating 60+ hypermarkets and supermarkets. Dominant offtaker of Brazilian packaged frozen Halal poultry (Sadia, Seara), chilled beef, refined sugar, and rice.

Widam Food Company (Q.P.S.C.)

LIVESTOCK & MEAT

State Livestock & Meat Concessionaire

Exclusive operator of government-subsidized meat programs and central automated slaughterhouses. Imports containerized beef and live cattle; key partner for Minerva, Marfrig, and JBS.

Hassad Food (QIA Subsidiary)

SOVEREIGN AGRI ARM

Qatar Investment Authority (QIA) Fund

Mandated to secure strategic grains and commodities worldwide. Executes long-term supply contracts for wheat, corn, soy, and rice to stock Hamad Port's 56 SFSF silos.

Baladna Food Industries (Q.P.S.C.)

DAIRY & FEED

National Dairy & Beverage Giant

Operates a 25,000-cow mega-farm supplying 100% of Qatar's fresh milk. Massive recurring importer of Brazilian non-GMO yellow corn and soybean meal animal feed via Hamad Port bulk terminals.

Qatar Airways Cargo & Bunkering

AVIATION FLAGSHIP

Hamad International Airport (HIA)

Offtaker of **US$ 60.08M in Jet Fuel (HS 2710)** bunkered at Guarulhos (GRU) and Galeão (GIG); operates dedicated Boeing 777F freighters for high-value agricultural perishables.

Muntajat / QAPCO / QAFCO

FERTILIZERS & POLYMERS

Mesaieed Industrial Terminal

Sole marketing entity for Qatar's petrochemicals and fertilizers. Exports **167.6k tons of urea (US$ 75M)** to Brazilian ports and imports industrial equipment from Brazil.

Source: Qatar Chamber of Commerce & Industry / Qatar Financial Centre (QFC)

BR Directory of Homologated Brazilian Commodity Suppliers

Tier-1 Brazilian agricultural cooperatives, meatpackers, and industrial groups supplying Qatar

COMMODITY SECTOR	RECOMMENDED BRAZILIAN SUPPLIERS	PORTS OF DEPARTURE (URFS)	STRATEGIC ALIGNMENT WITH QATAR (SFSF)
Halal Poultry Meat HS4 0207 · US$ 130.35M	**JBS (Seara) · BRF (Sadia)** Aurora Coop · Lar Cooperativa	Paranaguá (PR) · Itajaí (SC) São Francisco do Sul (SC)	Supplies ~72% of Qatar's entire imported poultry market; 100% Halal certified by FAMBRAS and CDIAL Halal.
Halal Beef (Chilled/Frozen) HS4 0201/0202 · US$ 16.42M	**Minerva Foods · Marfrig** JBS (Friboi) · Frigol	Porto de Paranaguá (PR) Porto de Santos (SP)	Premium Angus and Nelore cuts distributed directly through Widam Food, Carrefour, and Al Meera stores.
Grains (Corn, Soy, Wheat) HS4 1005 / 1201 / 1001	**Coamo Agroindustrial** SLC Agrícola · Caramuru · Amaggi	Paranaguá (PR) · Santos (SP) Porto do Itaqui (MA)	Direct Capesize bulkers to fill the 56 SFSF grain silos (300k t capacity) and supply Baladna feedmills.
Raw & Refined Cane Sugar HS4 1701 · Bulk & Container	**Raízen · São Martinho** Copersucar · Adecoagro	Porto de Santos (SP) Porto de Paranaguá (PR)	Supplies Hamad Port's 110,000 t sugar warehouse and on-site optical refining/packaging line (300 t/day).
Offshore Steel Gas Pipelines HS4 7304 · US$ 17.52M	**Vallourec Tubos do Brasil** (Belo Horizonte & Jeceaba - MG)	Porto do Rio de Janeiro (RJ)	Direct breakbulk shipments for QatarEnergy's North Field East (NFE) and North Field South (NFS) megaprojects.
Kiln-Dried Pine Timber HS4 4407 · US$ 6.70M	**Klabin · Berneck** Arauco Brasil	Paranaguá (PR) · Itajaí (SC)	Certified structural lumber for Qatari residential and commercial construction developments.

Source: SECEX/MDIC ComexStat 2026 · Brazilian Ministry of Agriculture (MAPA)

🧭 Commercial Feasibility: Qatar as a Strategic MENA Re-export Hub

Transforming Hamad Port into the primary transshipment and processing gateway for the Middle East

PILLAR 1: FREIGHT SCALE

20%–30% Savings

Chartering ultra-large bulkers (Baby-Cape up to 100k DWT) to Hamad Port's **17m draft** cuts unit freight vs. shallow Gulf ports.

PILLAR 2: QFZA PROCESSING

0% Corporate Tax

Umm Al Houl Free Zone (34 km²) allows flour milling, oil refining, and packaging with 0% tax for 20 years and zero customs duties.

PILLAR 3: SOVEREIGN HEDGING

Harvest Arbitrage

Hassad Food (QIA) procures Brazilian commodities at harvest lows, storing stock and re-selling into regional spot markets at peak margins.

PILLAR 4: GEOPOLITICAL SHIELD

Route De-risking

Physical inventory inside the Gulf insulates regional buyers from Bab el Mandeb / Suez Canal disruptions and punitive War Risk Surcharges.

🗺️ High-Velocity Feeder Connectivity from Hamad Port to Regional MENA Destinations

KW Kuwait (Shuwaikh/Shuaiba)
12 to 18 Hours
Direct feeder line for grains, poultry, and refined sugar.

BH Bahrain (Khalifa Bin Salman)
6 to 8 Hours
Daily roll-on/roll-off and barge service for fresh foods.

IQ Iraq (Port of Umm Qasr)
20 to 24 Hours
Access to a 43M consumer market for food staples.

OM Oman (Sohar & Salalah)
24 to 36 Hours
Bypasses Strait of Hormuz during regional geopolitical alerts.

🏛 Qatar Open Data Institutional Cross-Validation (NPC / MoT / MoPH)

Empirical audit based on official records from the State of Qatar Open Data Portal (qatar.opendatasoft.com)

HAMAD PORT VESSEL PROFILE

68.3% Containers

National Planning Council logs ~142 calls/mo at Hamad Port; container tonnage exceeds **28.5M Net Tons/yr**.

MESAIEED INDUSTRIAL BULK

3.8M t Urea

Mesaieed logs verify that 100% of QAFCO bulk fertilizer exports depart from its dedicated berths, validating ComexStat imports.

MOPH POULTRY CLEARANCE

99.62% Approved

Ministry of Health inspected 80.08M kg of imported poultry with 99.62% approval rate; Brazil supplies 69.2M kg (~72% market share).

SOUTH AMERICAN DIRECT CALLS

5–6 Bulkers / yr

Previous port records show direct dry bulk voyages from South America (>350k GT), while reefer containers utilize regional feeders.

DATASET ID (QATAR.OPENDATASOFT.COM)	CUSTODIAN AUTHORITY	OFFICIAL INDICATORS EXTRACTED	PORT2040.AI CORROBORATION RESULT
`arriving-vessels-...-hamad-port`	National Planning Council (NPC)	Vessels by type (Containers, General Cargo, Ro-Ro)	Audits Hamad Port as the sole arrival terminal for Brazilian reefer poultry and beef.
`arriving-vessels-...-mesaieed-port`	National Planning Council (NPC)	Loose materials (Dry Bulk) & Chemical Tankers	Confirms Mesaieed as the physical loading origin for 167.6k t of QAFCO urea.
`health-statistics-...-food-item-category`	Ministry of Public Health (MoPH)	Usable vs. rejected kilograms by food category	Validates Poultry as Qatar's #1 imported protein with near-zero sanitary rejection.
`aircraft-and-cargo-activity-...-airport`	Civil Aviation Authority (CAA)	2.34M tons air cargo · 225k flights	Corroborates the US$ 60.08M jet fuel bunkering for Qatar Airways fleet at GRU/GIG.

Source: State of Qatar Open Data Portal (qatar.opendatasoft.com) · National Planning Council (2026)

🚀 Strategic Action Plan & Commercial Opportunities

Unlocking long-term off-take contracts and direct maritime logistics in the Qatar food security ecosystem

1. Sovereign Forward Off-take

Structure 2- to 3-year multi-commodity supply agreements directly with **Hassad Food (QIA)** and **Al Meera**, locking in volume guarantees during Brazilian harvest peaks.

2. Direct Capesize Charters

Transition from Panamax to 100k DWT Baby-Cape bulkers loaded at Santos and Paranaguá directly to **Hamad Port's 17m draft**, capturing 20% to 30% ocean freight savings.

3. Free Zone Value-Add (QFZA)

Establish joint-venture processing, milling, and retail packaging facilities inside **Umm Al Houl Special Economic Zone** with 0% corporate tax for 20 years.

4. Real-Time Telemetry on PORT2040

Monitor live bilateral vessel manifests, AIS tracking, freight spreads, and customs pre-clearance status directly on the **PORT2040.AI** maritime portal.

Access the Complete Live Intelligence Suite Online

Explore interactive commodity tables, vessel voyages logbook, customs URF rankings, and municipal destination mapping:

`https://www.port2040.com/Qatar/portal_tradings.html`

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