Technology Enabled Oil & Gas Trading Innovator



9th Wave Energy

Exploiting Inefficiencies in the Energy Industry

December 2024

CONFIDENTIAL

Filling Gaps in Oil & Gas Trading

- Global demand for crude oil and refined petroleum products remains high despite inefficiencies in the market and unreliable supply chains.
- Major trading desks, unable to fulfill contracted volumes of product often rely upon smaller trading desks to provide additional supply which may be unavailable to them.
- Even the largest O&G trading desks are lagging far behind on technology. There is no centralized IT platform that enables traders to efficiently locate and identify available product, pricing or ownership.
- Smaller trading desks can fill the void but must have three things:
 - A Reliable Source of Supply at an acceptable price.
 - Effective technology to identifying product availability, suppliers, buyers, logistics to execute trades quickly and accurately.
 - Seasoned and experienced traders

The Opportunity

Ninth Wave Energy (9WE) is seeking to aggressively address this market.

9WE *i*s a joint venture between seasoned industry executives, Brokers / Agents / Traders equipped with advance AI enhanced technology tools to exploit key inefficiencies in the market. We are seeking to:

- **STABLIZE THE SUPPLY CHAIN** by securing product allocations directly from refineries to eliminate middlemen 9WE offers reliable supply.
- **COMPETITIVE ADVANTAGE** By employing advanced technology tools to generate real-time data for speed, accuracy and risk mitigation.
- **LEVERAGE ESTABLISHED RELATIONSHIPS** build on our legacy buyers and identify new qualified buyers to ensure rapid growth and profitability.
- **ESTABLISH BRAND RECOGNITION** Rapidly establish 9WE as the "go to" solution for top tier trading desks seeking supplemental products.

The Company and the Business

- 9WE is positioned to be the next gen trading platform for crude oil and refined petroleum products overcoming unaddressed obstructions in the market.
- 9WE was established in 2017 as a subsidiary of Groupe Intermonde, (GIL) an O&G Broker / Agent, certified by the Small Business Administration as a "Service-Disabled Veteran Owned Small Business (SDVOSB)" giving the company access to major "end burners" such as airports, airlines, municipalities and US government agencies who are required to buy a portion of their fuel from SDVOSB designated suppliers.
- Seeking to exploit deficiencies experienced by competitive trading desks, Robert (Joey) Gauthier a 20-year industry veteran decided to join forces under 9WE to continue to develop his advanced IT- AI enhanced tools to maximize returns and optimize trading opportunities.



- NEED MORE PRODUCT Traders / buyers regularly seek additional product beyond their refinery allocation to supply their customers. They need access to additional supply.
- LOW TECH Contrary to belief these buyers lack the technology to quickly and accurately identify available product, reliability of the source, pricing, location, and available logistics without picking up the phone, writing numerous emails and other traditional research. A request for product can drag out for 60 days or more.
- FRAGMENTED STRUCTURE A
 traditional trade desk like Vitol, Trafigura
 or Shell have from 8 to 40 traders
 focused on narrow segments of the
 industry. Most do not coordinate with
 their counterparts across other
 geographic sectors.
- LACK OF EXPERIENCE High stress and high turnover. Most traders leave within 4 years impacting experience levels and competitive advantage, increasing demand for supplemental supply.

Solution 1- Secure Supply Chain



OBTAIN DIRECT
ALLOCATIONS AND
PRODUCTION
CONTRACTS FROM
REFINERIES AND TOP
TIER SUPPLIERS



PREDICTABLE SUPPLY ENABLES
TRADERS TO STABILIZE
CUSTOMER DEMAND.

LACK OF BUYERS IS NOT THE PROBLEM IN O&G INDUSTRY

RELIABLE ACCESS TO PRODUCT AND THE ABILITY TO IDENTIFY WHERE IT IS WINS



BEING AN ALLOCATION HOLDER IS LIKE HAVING PRODUCT IN RESERVE.

TOP TIER TRADERS WILL
COME TO 9WE TO
SUPPLEMENT THEIR OWN
ALLOCATIONS



- Our team brings decades of experience:
 - Deep industry knowledge with over 60 years combined Oil & Gas experience.
 - Upstream
 - Midstream
 - Downstream
 - A family legacy going back 5 generations in O&G business.
 - Pipeline and Maritime logistics experience including expert knowledge of all US Jones Act carriers and foreign ports.
 - Financial and Business management of multimillion-dollar public and private, companies.

Solution 3 – Comprehensive Al Enhanced Technology Platform

Supplier Relationship Management System ("SRMS")

- Recognizing the technology deficiencies in O&G trading businesses, Gauthier developed a proprietary AI-enhanced, omnichannel data collection and analytics platform which collects and aggregates realtime actionable data on all global O&G transactions, markets, pricing, logistics, suppliers, and buyers from around the world.
- The AI engine searches all publicly available sources of information to support rapid due diligence on suppliers, buyers, logistics and the individuals involved with each.
- The platform generates best-case options for effective, efficient, and profitable trades.
 Speed in providing product to the market.

Large & Expanding Oil & Gas Market

- US DOMESTIC is projected to grow CAGR >4% over the next 5 years.
- INTERNATIONAL are projected to collectively grow CAGR >6% over the next 5 years.
 - Geopolitical instability has increased the demand for top tier providers to seek out alternative supply sources. Refineries are tightly controlling output.
 - Top tier suppliers are consolidating, acquiring many mid-market traders without solving the market inefficiencies.
 - Effective mid-tier traders like 9WE are poised to address the supply chain gap.



Direct Competition

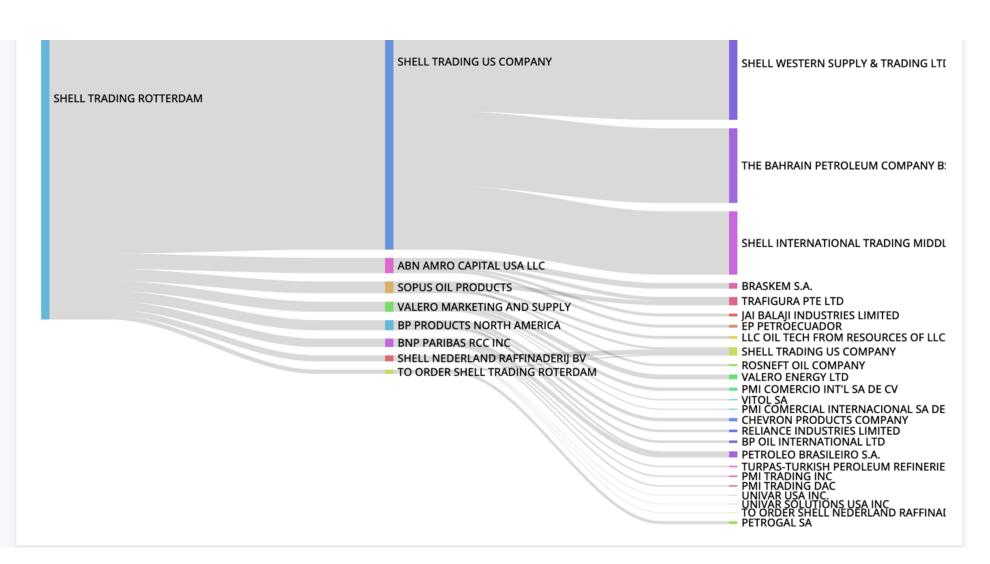
Hundreds of Trade Desks exist Worldwide -

While functioning for decades the current system of trading can justifiably be described as antiquated, inefficient and slow.

- Tier 1 3 Major corporate trading desks such a Vitol, Trafigura, Shell, Chevron and others focus heavily on trading internally and to other majors with less focus on downstream suppliers.
- Tier 3 5 as wholesalers, generally trade to large end burners like airlines, large users like FedEx or distributors of diesel or home heating oil. They also trade downstream to supply lower tier suppliers or "jobbers" seeking product for smaller users. They regularly seek supplemental supply.
- **Tier 6** and below are often middlemen and opportunistic entrepreneurs doing single "spot" deals or urgent supplemental transactions for other suppliers, earning minimal profits.

Trading Stack — Shell Worldwide (example of Tiers)

Tier 1 Tier 2 Tier 3



Competitive Landscape and the Role of Technology

In spite of their size and financial resources major traders have revealed common inefficiencies:

- Fragmented and isolated trading groups operate within limited markets, few suppliers and buyers.
- Expensive off the shelf technology, offering incomplete regional information and data are the only IT tools available.
- High cost to implement, manage, maintain, customize for each Regional Modules for access to that market.
 - Difficult user interface long learning curve.
 Proficiency can take years to achieve.
 - Labor intensive to manually data mine then populate database.
- 9th Wave Energy's differentiation is:
 - SRMS is comprehensive, cost effective, simple to use and automatically consolidates data worldwide for all products, regions, sectors.
 - 9WE management has extensive knowledge of O&G industry and experience in evaluating data so that our focus is on closing a deal rather than spending time data mining.

Capability of Our Technology



"Supplier Relationship Management System" (SRMS)

Developed and engineered by Joey Gaulthier, an O&G professional with over 20 years personal industry experience as an enterprise platform for full front to back functionality.

The technology was designed by an actual end user to provide a strong competitive advantage when speed and accuracy are mission critical.



On-Line Data Capabilities:

Al-driven searches of all publicly available data sources worldwide to scrape information on ALL major refineries, suppliers, traders and buyers **worldwide**, including decision-making individuals.

Comprehensive due diligence / underwriting functions to weed out fraudsters, unqualified, sanctioned or legally questionable parties.

Data capture includes Bill of Lading (BoL) for shipments, invoices, pricing and other proof of product documents.

Anatomy of a Transaction – I Example of Deal Flow

Request for Product

- A Buyer makes a request for 1MM bbls of WTI crude for tank-to-tank delivery in the Port of Houston.
- 9WE obtains key information for product specs, destination (tank locations), and corporate information.

Evaluation- Buyer / Underwriting / Due Diligence

- 9WE enters information into the SMRS platform and obtains data on the Buyer which include, but not limited to, corporate registration, liens, judgments, pending litigation, regulatory violations, sanctions, AML violations, news reports and personal information on the officers available through social media.
- Once approved by 9WE, a search for product availability is conducted and confirmed through contacting the supplier.
- 9WE then makes a "Soft Corp. Offer" (SCO) to the Buyer.

Anatomy of a Transaction II

Acceptance - Proof of Funds / Credit

- Buyer accepts SCO price, quantity, quality, product specifications and delivery terms.
- 9WE issues a product invoice for the single ("spot") delivery, requesting signatures and proof of funds or credit / SBLC via bank to bank SWIFT (MT699 or MT799) communication from top tier bank.
- A full one-year contract will only be issued after completion and payment of the first spot delivery.

9WE Places Order with Refinery

• 9WE drawing from its product allocation submits a Purchase Order with the refinery and directs buyer SWIFT notifications to the refinery.

Anatomy of a Transaction III

Refinery Provides Proof of Product (POP docs)

- Upon accepting the order, the refinery provides access to the SGS secure portal to allow access to the POP documents. This third-party verification service provides:
 - Product Analysis Specs, Quality, Quantity, Origin
 - Title and Location Verifies storage tanks and geolocation

Buyer Acceptance and Payment to IOLTA Attorney

- Prospective Buyer is given access to the secure SGS Portal for this specific product and is give 48 hours to accept or decline.
- Upon acceptance, the Buyer must make payment to our IOLTA attorney within 48 hours. Once receipt of funds is confirmed, 9WE requests logistical confirmations.

Engage Logistics

 Buyer must then provide their own verifiable Tank Storage Receipts (TSR) or if pumping into marine tankers a Charter Party Agreement and vessel Q88.

Anatomy of a Transaction-IV

Refinery Order and Injection Schedule Set

- Once 9WE accepts logistics from Buyer the Refinery is notified to execute the purchase.
- Refinery coordinates the pumping schedule with both their logistics, pipeline management and the Buyers.

Pay and Pump

- 9WE is issued a commercial invoice from the refinery and our IOLTA attorney releases funds to seller.
- Pumping does not commence until funds clear.

Reconcile Delivery

- All delivery quantities are +/- 10% to 15%. The buyers can order an SGS analysis upon receipt of product.
- Once landed in buyer's tank, the exact quantity is verified and invoice adjusted to that final amount received.

IOLTA Attorney Makes Distributions to Stakeholders

- Once the final reconciliation is made, the IOLTA distributes the remaining funds as directed by 9WE for commissions and fees.
- The final distribution is to the provider of the 9WE SBLC and lastly to 9WE.

Risk Mitigation - 1



Suppliers

We have over 100 verified top tier suppliers. Our engine can quickly identify preferred suppliers for the requested product(s) at the target prices at the requested location(s).

Once we secure a production contract there is very low probability of supplier failing to perform as they are refining the product specifically for us. If they fail to deliver, then we buy from a different supplier identified in our SRMS.



Buyers

Buyers must demonstrate financial ability to pay for the product BEFORE we accept their order. If they fail to perform, they are dropped from our buyers list and we move to the dozens of other buyers in our CRM system. If we are unsuccessful selling to an end burner we provide product to another trader.



Logistics

Buyers must demonstrate their ability to transport and receive the product they order BEFORE they receive it. They must provide all logistics confirmations such as pipeline, tank storage, marine charter party agreements, before product moves.

Risk Mitigation - 2

Financial

 The 9WE proof of funds letter or SBLC is never deployed. The buyer is REQUIRED to deposit the full invoice amount with our IOLTA attorney upon verifying product documents (SGS Report). If they fail to do so withing the required 48 hours, we move on to the next buyer.

Personnel

 9WE is highly dependent upon the skills and experience of Gauthier and Dowding to execute this business model. On day-1, 9WE will own a copy of Gauthier's system. 9WE will immediately begin upgrading SRMS and thereby own the work product as a hedge against Gauthier's departure from 9WE

I/T

• 9WE has an exclusive license for the SRMS platform with the requirement that we invest in its continued development. Improving functionality, AI interaction, security and data reach are key elements. The goal is to make the technology a self-sustaining profit center which can be licensed to other trading operations.

Management Team



Timothy J. Dowding, Ph.D. (Founder / President & CEO) – U.S. Naval Academy graduate, retired naval officer (Commander), retired University of Connecticut School of Business professor, entrepreneur, business owner and developer of Groupe Intermonde in the petroleum industry. Designed multiple international projects in association with the United Nations developing industrial and manufacturing projects in emerging markets. Inventor and patent holder.



David Sederholt (Founder / Chairman) – A multi-disciplined executive and entrepreneur with 40 years' experience in finance, investment banking, and commercial real estate. He has served as President, COO, CFO, Director and Managing Partner for numerous public and private companies. He was originally trained as a biochemist and did biomedical research at Memorial Sloan-Kettering Cancer Center and the Rockefeller University in the areas of enzyme kinetics, diagnostics, endocrinology and drug delivery systems. He is a graduate of Pace University.



Robert (Joey) Gauthier (EVP Trading Operations & Business Development) - Business owner and executive with 20 years' experience in the petroleum industry, He has served as President, VP, Director of Operations and Board Member for numerous public and private companies. Developed relationships nationally and internationally within the petroleum products and related logistics industries. He served with distinction as a U.S. Marine combat veteran with MAGTFTC.



Lorenzo De Ferrari (VP Finance) - An international businessman with experience in accounting, finance, and operations, Lorenzo brings a host of skills including process improvement, cost reduction strategies, strategic planning, budgets and forecasts, variance analysis, and project cost accounting.



Captain Patrick Johnsen (President, Panaveer Marine a Division of Groupe Intermonde) - Licensed Master Mariner and Captain of supertankers, former Fleet Manager, CEO and Director of public and privately held oil, natural gas and shipping operations, including: 23 years with Exxon-Mobil, Vice President at Morgan Stanley, COO at US Shipping and CEO of ATTRANSCO. Vietnam-era U.S. Army combat veteran.

Pro Forma Financials - Year 1

REVENUE	total
1MMbbl JetA1 FOB Oman	
sell to buyer @\$76/bbl	\$ 608,000,000
EXPENSES	
Cost of Goods	
buy Jet @ \$72/bbl	\$ (576,000,000)
sales commish @\$0.50/bbl	\$ (4,000,000)
Gross Profit	\$ 28,000,000
9WE Opex	\$ (1,000,000)
EBITDA	\$ 27,000,000
Debt Service	
CN principle	\$ (2,000,000)
CN rtn	\$ (400,000)
Legacy debt	\$ (800,000)
Debt Svc subtotal	\$ (3,200,000)
Profit before taxes	\$ 23,800,000
Taxes / Reserve	\$ (8,000,000)
Net Profit	\$ 15,800,000



Notes:

- These numbers derived from existing supplier and buyer committed to begin transactions after 9WE provides POF / SBLC.
- Months 1-4
 - Establish SRMS Trading Desk
 - Get onboarded with refinery
 - Get allocation
 - Verify buyer
 - Execute buy/sell contracts
- Revenue starting Month 5
- Revenue will be steady state for all of years
 2-5 under a production contract.

The Investment Opportunities

- Component #1 Equity
- 9WE is seeking \$500k \$1.0MM in a Mini / Max offering of equity-
 - Pre- Money Valuation \$5.0MM = up to 20.0% of equity
 - Pro Forma Net Profit for first year -\$15.8MM for 8 months revenue
- Component #2 Three Year Convertible Note
- 9WE is seeking \$2.0MM in the form of a threeyear Convertible Note with proceeds for "Lease Fees" for a bank SBLC in the amount of \$100MM to secure a refinery allocation and production contract.
- Convertible Note holders will receive 20.0% annual interest for the duration of the SBLC and the first money out / profits until they recover the \$2.0MM principal.