

Biography of Dr. M.F.G. Thierry Catherine



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COMPANIES & REPRESENTATION:

COMPANY	POSITION	JURISDICTION	WEBSITE
Midgard Oil Trading FZE	Shareholder / CEO	UAE	www.midgardgroup.ae
Midgard oil & Gas LLC FZC	Shareholder / CEO	UAE	www.midgardgroup.ae
Active Global Exports Pty Ltd	Board Member	Australia	www.midgardgroup.ae
Phoenix Oel AG	Director	Germany	DORMANT COMPANY
Alyasat Oil Trading	Board Member	UAE	www.alyasatoil.com
Palisander Trading FZE	Shareholder / CEO	UAE	www.midgardgroup.ae
Food For All Ltd	Shareholder / CEO	Mauritius	www.midgardgroup.ae
IHRO	Board Member	India	https://ihro.co.in/
Afroinvest	Board Member	Russia	https://afroinvest.ru/
Arbok Technologies Corp	Board Member	USA	https://arbok.tech/team/
Z20	Middle East Rep	Cyprus	https://z2o.co/
ZeroEx GmbH	Middle East Rep	Germany	https://zeroex.org/en
Aequum Elements AG	GCC representative	Switzerland	www.aequum-elements.com
Porter Hotels GmbH	Advisor	Germany	https://theporter.io/

Professional Journey: Thierry's professional journey of 20 years began in the hospitality industry in 1979, holder of a "CAP" degree for Hospitality Industry as well as being a Lead Assessor ISO 9000-9001 from the British Standard Bureau UK. He excelled as a Development Coordinator for internationally recognized hotel groups such as Huis Ten Bosch (Nagasaki Holland Village – NHV composed of 5 hotels) in Japan where he supervised the accreditation of Hotel Rotterdam as a "Leading Hotel of the World", Ong Ben Seng Group in Singapore in charge of setting up the F&B Department for Bandos Island Resort and Kuda Hura Resort in Maldives, Beachcomber Group in Mauritius – Le Meridien / Morne Brabant Hotel and the Sun International Group in Mauritius & South Africa – Opening of Lost City Hotel and refurbishment of Le Touessrok Hotel, and opening of Sugar Beach Hotel.

In 1999, while he was still active in the Hospitality Industry, Thierry' first steps in the oil and gas industry started with Energy Supplies International GmbH (ESI HQ) as the MD of ESI (Mauritius) having Mr Geiso Mampell, CEO of ESI HQ as his first mentor.

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On the 11th of January 2011, after six years collaborating with Phoenix Oel AG, Thierry became a shareholder and was appointed by the board of directors of Phoenix as one of the directors of the corporation.

BOARD MEMBERS OF PHOENIX OEL AG

Alain Bessière

After having exercised several positions as an economist and business developer in the TOTAL GROUP, Mr. Bessière joined ELF AQUITAINE and became Finance Director of Exploration & Production operations in Africa. Then, at the Exploration & Production Finance Division of the ELF AQUITAINE Group, he became the Head of the Joint Venture and Business Development Department. Mr. Bessière is a reputable expert in Joint-Venture Management and in Financial Engineering. His know-how in the oil & gas industry is based on 35 years' experience.

Joël Bouchaud

After having exercised several positions as a financier in the ELF AQUITAINE GROUP, Mr. Bouchaud became Finance Director of ELF AQUITAINE Exploration & Production Division, and then was nominated Chief Executive Officer of major ELF AQUITAINE operations in the North Sea for Netherlands and the United Kingdom. Mr. Bouchaud then assumed the responsibilities of Director of ELF AQUITAINE Business Development and New Ventures of the Exploration & Production Division and Group Vice-President of Exploration Affiliates.

Oliver A. Dittmar

Mr. Dittmar studied economics and is a German consultant and entrepreneur, who owns several companies, of which one is a successful consultancy company (Combine Consulting GmbH) with activities in Germany and Switzerland. Mr. Dittmar is the founder and Chief Executive Officer of PHOENIX OEL AG.

Jean-Michel Fonck

After having exercised several technical positions within the Exploration & Production Division of TOTAL, Mr. Fonck became Chief Executive Officer of the TOTAL South American operations – Argentina, Bolivia and Venezuela. Mr. Fonck was nominated Group Director of TOTAL Earth Sciences Division and Exploration Vice-President of TOTAL GROUP. Mr. Fonck is the man who made TOTAL big by developing a successful exploration strategy.

Today it is over two decades that Thierry transitioned his professional career in the oil and gas industry. While still being in the hospitality business, Thierry started to acquire a knowledge of the oil and gas industry as CEO of Energy Supply International GmbH with Mr. Geiso Mampell. In 2011 Thierry joined Mr. Oliver Dittmar as shareholder in Phoenix Oel AG (HRB 131128) in Munich and had Oliver Dittmar and Alain Bessiere as mentors. His extensive

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experience in the oil and gas market, highlighted by successful collaborations and initiatives, underscores Thierry's expertise and leadership in this industry by establishing an exploration JV Agreement with Essar Energy (today Naraya Energy) of India - <https://www.projectstoday.com/News/Essar-eyes-stake-in-Libyan-field>.

PHOENIX OEL AG



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Ihre Zeichen, Ihre Nachricht vom

Unser Zeichen, unsere Nachricht vom
OD/VL

Telefon, Name
+49-89-81-00-93-90

Datum
11-January-2011

REF: APPOINTMENT TO BOARD

DEAR THIERRY,

AFTER SIX YEARS OF COLLABORATION UNDER THE UMBRELLA OF OUR JOINT VENTURE AGREEMENT BETWEEN ICITRADE CO LTD / B.I.G LLC AND US, WE WOULD LIKE TO CONGRATULATE YOU ON YOUR APPOINTMENT AS ONE OF THE DIRECTORS TO THE PHOENIX BOARD.

WE HERE AT PHOENIX ARE CERTAIN AND VERY CONFIDENT THAT THROUGH YOUR ASSOCIATIONS WITH THE MAJORS IN THE OIL INDUSTRY , PHOENIX OEL AG IS ON THE RIGHT TRACK IN THE CONTEXT OF BEING ABLE TO EXPAND ITS OBJECTIVES AS IT PERTAINS TO THE DOWNSTREAM SECTOR OF THE PETROLEUM INDUSTRY.

WELCOME ON BOARD AND ALL THE BEST.

FOR AN ON BEHALF OF

PHOENIX OEL AG



OLIVER A. DITTMAR - CEO

C.C: MR VITTORIO LAUREANO – COMPLIANCE OFFICER

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Transition and Relocation: In 2019, Oliver and Thierry decided to relocate all of Phoenix Oel AG operations to the UAE under the branding of "Midgard", marking a strategic move to amplify the organization's presence in the GCC region. Two companies were established in UAE, Midgard Oil & Gas LLC FZC holder of a tank storage project in Fujairah and Midgard Oil Trading FZE – a fully licensed oil and gas trading hub duly incorporated in Umm AL Quwain.

Energizing Collaboration Through Strategic Partnerships

Summary: Thierry Catherine is a visionary leader with a rich hospitality, oil, and technology background. With over two decades of experience, Thierry has played pivotal roles in renowned organizations, driving growth and fostering partnerships across multiple industries. Currently serving as Director of Energy Industry Relations and a Board Member at ARBOK, Thierry brings strategic expertise and industry knowledge to advance initiatives in water desalination, brine treatment, water treatment and purification, and oil spill treatment.

Thierry's Impactful Leadership at ARBOK: As Director of Energy Industry Relations and Board Member, Thierry's leadership at ARBOK has been instrumental in addressing critical challenges in the energy and water sectors. Thierry has facilitated the development of cutting-edge technologies and fostered strategic partnerships by spearheading initiatives in water desalination, brine treatment, water treatment and purification, and oil spill treatment. His strategic vision and industry insights have propelled ARBOK towards significant advancements in sustainable water resource management and environmental conservation solutions.

Assuming a pivotal role within ARBOK, Thierry now spearheads the group's three companies, leveraging his expertise to drive growth and innovation in the energy sector. Additionally, as Director of Energy Industry Relations and a Board Member - <https://arbok.tech/team/>, Thierry plays a crucial role in shaping ARBOK's strategic direction and fostering collaborations to address pressing water resources and environmental sustainability challenges mainly in Africa. This strategic shift underscores Thierry's commitment to advancing ARBOK's mission and making a lasting impact in the water supply industry.

Driving Strategic Partnerships: Thierry's role at ARBOK extends beyond conventional business relationships, including strategic partnerships and collaborations within the energy industry. His expertise in building alliances and fostering collaboration has been pivotal in propelling ARBOK's initiatives forward, leveraging collective expertise and resources to tackle complex challenges in water resources and environmental sustainability.

Legacy of Innovation and Collaboration: Thierry's legacy is marked by innovation, collaboration, and environmental stewardship. His visionary leadership and dedication to advancing sustainable solutions in the energy and water sectors have positioned him as a respected figure in the industry. As a Board Member and Director of Energy Industry Relations at ARBOK, Thierry continues to drive positive change and inspire others to address global water resource and environmental sustainability challenges.

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Thierry's Key Roles: Thierry is running 4 companies in UAE & Mauritius as well as holding an advisory managerial position with other reputable internationally recognized institutions:

PALISANDER TRADING FZE (UAE): – www.midgardgroup.ae. Thierry is the founder and sole owner of Palisander holder of a mineral trading license, mostly for precious metal and precious gem trading company. We purchase gold and diamonds from African countries to be delivered in Dubai, Thailand and India.

MIDGARD OIL TRADING FZC – MOT (UAE): – www.midgardgroup.ae. Holder of an oil and gas trading license in UAE operating with representative offices in Singapore, Oman, Saudi Arabia, Mauritius, and Italy. MOT is also the AIS Station No 6822 for Marine Traffic in UAE.

MIDGARD OIL & GAS LLC FZC MOG (UAE): – www.midgardgroup.ae. Owned by Thierry, MOG is holder of a Freezone License fully authorized to develop any project related to the oil and gas industry. MOG is in the process of developing a tank storage project of 705,000 Cbm in Fujairah, UAE.

FOOD FOR ALL LTD – FFA (MAURITIUS): – www.midgardgroup.ae. Owned by Thierry and his wife, FFA is Specialized in food commodities such as wheat, flour, canned food, sugar, edible oils, rice, meat and poultry.

Z2O (CYPRUS): – <https://z2o.co/>. Our products are formulated with bacteria occurring naturally in our environment. The teams of bacteria in our products will work with the available bacteria to restore the environment naturally without the intervention of harmful compounds. We offer the natural solutions for better industries in the Modern World.

IHRO (INDIA): – <https://ihro.co.in/ihro-project-team>. Established on 2nd May 2012, International Human Rights Observatory (IHRO) is an International NGO established with an aim to uphold, protect and propagate 30 Human Rights as per the UNITED NATIONS DECLARATION OF HUMAN RIGHTS BY UNGCA as on 10th December 1948. IHRO is an expression of tolerance in all cultures that form the basics of peace and progress. International Human Rights Observatory is a worldwide movement of people who campaign for human rights for all. As of July 2024, IHRO will become a member of the United Nations and Thierry will be appointed as UAE Ambassador to the UAE. Our mission is to empower women to become entrepreneur mainly in Africa. Aside of various key projects in Nigeria and Ghana, Thierry is instrumental in setting up a Moringa Farm in Mauritius.

ZEROEX GMBH (GERMANY): – <https://zeroex.org/en>. ZeroEx focuses on building solutions for the most pressing issue of our time: “**climate change**”. ZeroEx is a one-stop solution for carbon metrics and high-value carbon removal credits. We offer companies an open-source CO₂ calculator to transparently quantify their emissions. Our carbon capture projects remove CO₂ from the atmosphere for the long term.

AEQUUM ELEMENTS AG (SWITZERLAND): – www.aequum-elements.com. Aequum owns 8 mines in Africa, mainly Rwanda, Tanzania and DRC. We excel in the supply of rare earths and strategic metals such as Lithium, Beryllium, Niobium, Tantalum, Copper, and Manganese.

ARBOK TECHNOLOGIES (USA): – <https://arbok.tech/team/>. ARBOK Technologies, where innovation and sustainability intertwine, forging a path toward a future marked by responsibility and groundbreaking solutions to address global challenges with efficiency, environmental mindfulness, and forward-thinking technology.

THIERRY'S VISION OF THE FUTURE OF COMMODITY PLATFORMS

REVOLUTIONIZING GLOBAL TRADE

Author: Dr. M.F.G. Thierry Catherine

"Trade is an engine of growth that creates better jobs reduces poverty and increases economic opportunity."

Global trade liberalization increases GDP, and that it has, "lifted more than one billion out of poverty since 1990." But for these benefits to be shared more equally, trade needs to be efficient, and this is not always the case.

The complexity and interconnected nature of global trade was laid bare during supply chain disruptions due to the COVID-19 pandemic. Shipping delays, and shortages, meant unprecedented issues for many exporters, importers, businesses, and consumers.

Nowadays dozens of countries looking to introduce digital systems for trade, such as Electronic Single Windows, and Trade Information Portals. "Technology and digitization make trading faster, cheaper, easier and more predictable" adding to that "automation makes things more efficient at borders and ports."

Midgard Group UAE has the firm intention to **Revolutionizing Global Trade** through technologies such as ecommerce, 3D printing, 5G, the Cloud, blockchain, and artificial intelligence are pillars in the economics of trade and global production, empowering businesses of all sizes to make, move, and market products and services worldwide and with greater ease than ever before. The twin forces of digitization and globalization are changing the patterns, players, politics, and possibilities of global trade, and can reinvigorate global productivity.

➤ **What are Commodity Platforms?**

- ✓ Commodity platforms are digital marketplaces that connect buyers and sellers of various commodities.

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- ✓ They provide a centralized space for trading commodities, offering transparency, efficiency, and enhanced market access.
- ✓ Success is based on the ability to create a commodity platform with the purpose of a “One-Stop-Shop”.

➤ **KEY FEATURES AND BENEFITS**

- ✓ Transparency: Commodity platforms provide real-time pricing, market data, and historical trends, enabling informed decision-making.
- ✓ Efficiency: Streamlined processes, automated documentation, and secure payment systems reduce transactional complexities and save time.
- ✓ Market Access: Commodity platforms connect participants globally, expanding market reach and fostering trading opportunities.
- ✓ Risk Mitigation: Platforms offer risk management tools, options contracts, and hedging mechanisms, minimizing exposure to price volatility.

➤ **HOW COMMODITY PLATFORMS WORK**

- ✓ Walk through the typical workflow of a commodity platform:
- ✓ Registration and account setup
- ✓ Listing and searching for commodities.
- ✓ Negotiation and agreement
- ✓ Execution and fulfilment
- ✓ Payment and settlement.
- ✓ Visualize the steps with a flowchart or diagrams.

➤ **INDUSTRY IMPACT**

- Commodity platforms streamline processes, reducing paperwork and manual interventions, leading to faster transactions.
- Enhanced Market Access: Small-scale producers gain access to global markets, levelling the playing field and promoting fair competition.
- Platforms provide transparent pricing information, aiding in fair price discovery and reducing information asymmetry.

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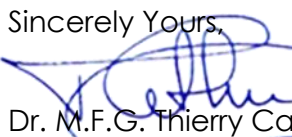
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- Risk Management: Hedging tools and options contracts protect participants from price fluctuations, reducing risks and fostering stability.
- **CHALLENGES AND SOLUTIONS**
 - ✓ Challenges faced by commodity platforms:
 - ✓ Standardization of commodity specifications and quality assessment
 - ✓ Regulatory compliance and legal frameworks
 - ✓ Cybersecurity and data protection
 - ✓ Solutions: Collaborative efforts between industry stakeholders and regulators - Integration of advanced technologies like blockchain for enhanced security and traceability.
 - ✓ Establishing global standards and frameworks for commodity trading
- **Future Trends and Opportunities**
 - ✓ Emerging technologies: Artificial Intelligence, Internet of Things, and blockchain transforming commodity platforms.
 - ✓ Sustainable and responsible trading: Platforms focusing on ESG (Environmental, Social, and Governance) criteria in commodity trading.

Thierry has a vision to create a global commodity trading platform for the group assisted by a dedicated specialized team who will oversee daily updates of availability of the various products that the group offers.

Sincerely Yours,


Dr. M.F.G. Thierry Catherine
CEO
Midgard Group UAE



N.B:

Please note that MOT is the Ais Station No 6822 in Fujairah which allows us to make live monitoring of oil tankers worldwide. To have such accreditation it needs solid background to pass their heavy compliance process.

<https://www.marinetraffic.com/en/maritime-companies/directory/ind:14/industry:oil%20and%20gas/sublocation:United%20Arab%20Emirates>

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