



# בשבע 2022 Annual Report Industrial Investments.. For Greater Value

Industrial Investments.. For Greater Value



#### **OVERVIEW**

OVLINVILVV	
About Dussur	09
Shareholder	13
Enablers	15
Board of Directors	17
Chairman's Message	19
CEO's Message	21
PORTFOLIO	
General Electric Saudi Advanced Turbines GESAT Company	26
Saudi Engine Manufacturing Makeen Company	29
Elessent Clean Technologies Company	31
SAMI Figeac Aero Manufaturing Company	33
SeAH Gulf Special Steel Company	35
Tuwaiq Casting & Forging Company	37
Baker Petrolite Company	39
National Additive Manufacturing & Innovation Company	41
Italmatch Chemicals Company	43

# content



My primary goal is to be an exemplary and leading nation in all aspects, and I will work with you in achieving this endeavour

Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud We have all the capabilities we need to enable a competitive and sustainable industrial economy, from ambitious young talent, a distinguished geographic location, rich natural resources, and the presence of leading national industrial companies. Through the National Strategy for Industry and in partnership with the private sector, the Kingdom will become a leading industrial power that contributes to securing global supply chains and exporting high-tech products to the world

Crown Prince, Deputy Prime Minister, Minister of Defense
HRH Prince Mohammed Bin Salman Bin Abdulaziz Al Saud

# About Dussur

# About Dussur

Dussur contributes to achieving one of the most important goals of the Vision 2030, establishing an advanced industrial sector capable of competing globally, to serve as a major tool for transforming national resources into sustainable wealth.

and advancing industrialization and economic diversification away from the oil sector, by developing joint and sustainable projects with industry leaders to contribute to the growth of the industrial sector in the Kingdom.

The 2022 report deals with a full year of fruitful partnerships and investments with the most prominent global industry leaders, as well as reviews the most important developments in investment portfolio.



**OVERVIEW** 

# About Dussur



**Annual Report 2022** 

### Shareholder

Due to the vital role they play in the growth of the Saudi economy and the provision of a significant number of employment opportunities, shareholders in Dussur are regarded as an essential component of the development process in the Kingdom of Saudi Arabia. The combined experience of our owners in developing world-class joint ventures with a select group of leading global partners is unmatched.







Saudi Aramco is a leading energy and chemical corporation that facilitates global trade and enhances the quality of life for millions of people worldwide.

Saudi Aramco's share in Dussur is held through its wholly-owned subsidiary, Saudi Aramco Development Company (Mukamala).

Mukamala strives to promote economic growth in Saudi Arabia by investing in new industrial and infrastructure projects.









SABIC has showed an amazing ability to accomplish what others have been unable to accomplish in a record length of time since its establishment in 1976 by royal decree.

In the petrochemical industry, Saudi Aramco currently controls 70% of SABIC, while the remaining 30% are listed on the Saudi stock market. SABIC is a publicly traded joint stock company with its headquarters in Riyadh, Saudi Arabia's capital.

In order to achieve Vision 2030's goals, the PIF aims to be the Kingdom's primary economic and investment driver. As a result of the fund's strategy, it is on track to meet its objectives and set a new standard for sovereign funds everywhere in the globe.

The PIF constitutes the hub of the national economic transformation toward positive, sustainable change in the Kingdom, as we eagerly strive to lead the development renaissance of the local economy, localize technologies and knowledge, expand its investment portfolio of international assets, and invest in global sectors and markets by forming strategic partnerships and launching a number of initiatives that contribute to the attainment of Vision 2030 objectives.

#### **Enablers**































الهيئة العامة للصناعات العسكرية General Authority for Military Industries











**Annual Report 2022 OVERVIEW** 

#### **Board Members**



Mohammed Abunayyan Chairman of the Board



Abdullah A. Al-Obeikan Vice Chairman of the Board



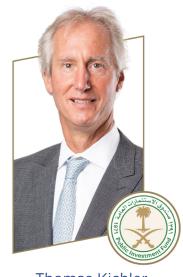
Omar Al-Madhi **Board Member** 



Faisal M. Al-Bahair **Board Member** 



Waleed Al-Saif **Board Member** 



Thomas Kichler **Board Member** 



Dr.Wolfgang Colberg
Board Member



Mohannad M. Alamdar **Board Member** 



Iyad Alqarawi **Board Member** 

#### Chairman's Message

«Dussur» company is guided by important principles and noble objectives aimed at contributing to the development of the national economy in line with the targets of Saudi Arabia's Vision 2030. The vision that seeks to localize industries, develop the manufacturing sector, in order to maximize the value of the available resources in our beloved Kingdom and position it as a leading industrial power and global logistics platform.

Since its establishment, "Dussur" company has spared no effort in achieving the strategic goals it has set for itself, which include maximizing the empowerment and development of the industrial sector in the Kingdom, contributing to the localization of industry, through executing numerous sustainable strategic industrial investments in collaboration with global partners, to transfer and localize technology and knowledge and secure strategic products locally, to enhance supply chain security, utilize the Kingdom's available natural resources, and minimize the export of raw materials to maximize their local added value, resulting in reduced imports to the Kingdom and increased volume of exports, which will have a positive impact on the Kingdom's trade balance. Additionally, "Dussur" aims to open new investment opportunities for both local and foreign investors through its investments, enabling subsequent and complementary investments for upstream and downstream activities.

We are fully aware of the need for a forward-looking perspective that goes beyond current capabilities, and thus, we strive to identify investment opportunities that meet the future needs of the industrial sector in the Kingdom. We are also keen to take intro account achieving the principles and goals of environment, society, and governance.

We firmly believe at Dussur that building and developing the manufacturing sector of any economy relies primarily on possessing knowledge and technology. That's why we always aim to choose pioneering technical partners in the targeted industries that we seek to localize,

As a Board of Directors, we place great importance on understanding the developmental and economic impact of each new investment. Thanks to the grace of Allah, our investments until the end of 2022 are targeting the creation of 3,000 job opportunities for the youth of the country by 2030. In addition, they aim to add around 48 billion Saudi Riyals to the Kingdom's gross domestic product over the next two decades.

Thanks to Allah and His blessings, and thanks to the efforts and collaboration of all employees in the company, we were able, with determination and perseverance, to overcome all challenges and soar above the horizons of achievements and successes. We will continue to focus our efforts on identifying suitable investment opportunities in various industrial sectors, in line with our strategy aligned with the goals of the National Industry Development and Logistics Program, a strategy that emphasizes the recycling and alignment of our investment portfolios to take advantage of the Kingdom's competitive advantages.

Finally, on behalf of the Board of Directors, I would like to take this opportunity to express my sincere gratitude to the shareholders (Public Investment Fund, Saudi Aramco, and SABIC) for their continuous support, valuable guidance, and unwavering dedication. I would also like to extend my thanks to the exceptional team at «Dussur» who is working tirelessly to build a system of strategic industrial investments that contribute to enhancing the Kingdom's position on the global supply chain map.



#### CEO's Message

Our focus in Dussur is to invest in the industrial metals and specialty chemicals sectors, due to their significant impact on the supply chains of many promising industries, while continuing to evaluate investment opportunities outside these two sectors. aiming to maximize the utilization of locally available resources, and forming sustainable industrial partnerships that boost the growth of value chains in the strategic industrial sectors in the Kingdom, to be a leading industrial power and an international logistics platform.

During the year 2022, we continued to progress in our investments as planned, and we were also able to conclude two new investments that we added to Dussur's portfolio, which is the partnership between Dussur and the American company «3D Systems», to establish the National Additive Manufacturing and Innivation Company "NAMI", It is the first of it's kind in the saudi Arabia, to serve several sectors in the Kingdom, the Middle East and North Africa,including the industrial sector, medical sector, and defense sector.

Through our investments, we aim at "Dussur" to attract foreign direct investment, localize industrial supply chains in the Kingdom, and transfer knowledge to build industrial capabilities without competing with the private sector, as well as localizing industrial capabilities and supporting economic diversification through strategic acquisitions of quality companies with the aim of transferring knowledge locally. This is represented in Dussur's acquisition of a stake in Italmatch Company, in partnership with their current owners, «Bain Capital».

In 2022 Dussur acquired a minority stake in Italmatch, and an increased the company's capital. Italmatch a well-known Italian company for specialized chemicals, and considered the world's leading company in the field of phosphorous chemical industries for more than a quarter of a century, and serves many vital sectors such as processing water, plastic additives, oil and gas additives, flame retardants and food and drug industries, and we aim in this investment to increase the market share of the company in the region and enhance their competitive capabilities by establishing five factories in the first phase, which contributes to the localization of industrial value chains and their capabilities to meet local and global demand.

Thus, Dussur owns nine diversified investments in its portfolio. with approximately two and a half billion Riyals Dussur contribution to thier capital. Five of them are in the stage of commercial operation, and four of them are in an advanced stage of construction. Progress has also been made significantly, In the completion of Dussur investments, for example:

- In the manufacture of aircraft structures at SFAM "Sami Figeac Aero Manufacturing", commercial
  operation began in 2022, and the facility also completed the qualification plan by obtaining two ISO
  certificates for management systems and quality systems in the field of aviation and space.
- In our investment in "SEAH Gulf Special Steel" to establish the first factory to manufacture seamless stainless steel pipes, an engineering, procurement and construction agreement was signed with "Sandan International", and the foundation stone was laid in King Salman Energy City SPARK, and the percentage of completion in construction work is 6%, the commercial operation is planned to start in Q3 of 2025.
- As for "Baker Petrolite Saudi" facility to produce chemicals used in the processes of manufacturing extracted oil and water treatment in Jubail Industrial City, the construction works are nearing completion, achieving 82% completion rate, and we aim for commercial operation to be completed by the end of 2023.
- In the city of Ras Al-Khair, construction work is progressing for "Tuwaiq Casting and Forging" Company, achieving a completion rate that exceeds 23% as planned, and the commercial operation of this large and vital edifice is intended to be in the Q1 of 2025.

With regard to the development of human capabilities, we are keen to create qualitative jobs for the youth of our country, as qualitative training opportunities have been provided in cooperation with "HRDF" for a number of technicians and engineers in the field of aircraft structures, and printing and manufacturing, In order to meet the needs of the industrial sector in terms of qualified and trained national competencies, contributing to achieving the localization, sustainability, and growth of local industry in accordance with Vision 2030.

And if in the year 2022 we continued searching for suitable investment opportunities in various industrial sectors, in this year (2023) we will continue the journey of searching for more serious investment opportunities, launched by the Saudi Vision 2030 within the framework of strengthening and supporting the national economy, in partnership with local and international elite industry leaders, and this policy falls within the framework of Dussur's strategy in line with the objectives of the National Industrial Strategy, and will focus on recycling and aligning its investment vision to benefit from the competitive advantages of the Kingdom.

In conclusion, I take this opportunity to extend my sincere thanks to the Board of Directors and shareholders for their continuous support over the past year, and I also thank Dussur's distinguished team that works in a spirit of community and makes every effort to construct these strategic and unique projects in the Kingdom, and I affirm my confidence in our capabilities to benefit from the lessons learned and seize new opportunities that the coming year will bring, for Dussur to Present Industrial Investments.. For Greater Value.

Dr. Raed Al-Rayes

Chief Executive Officer







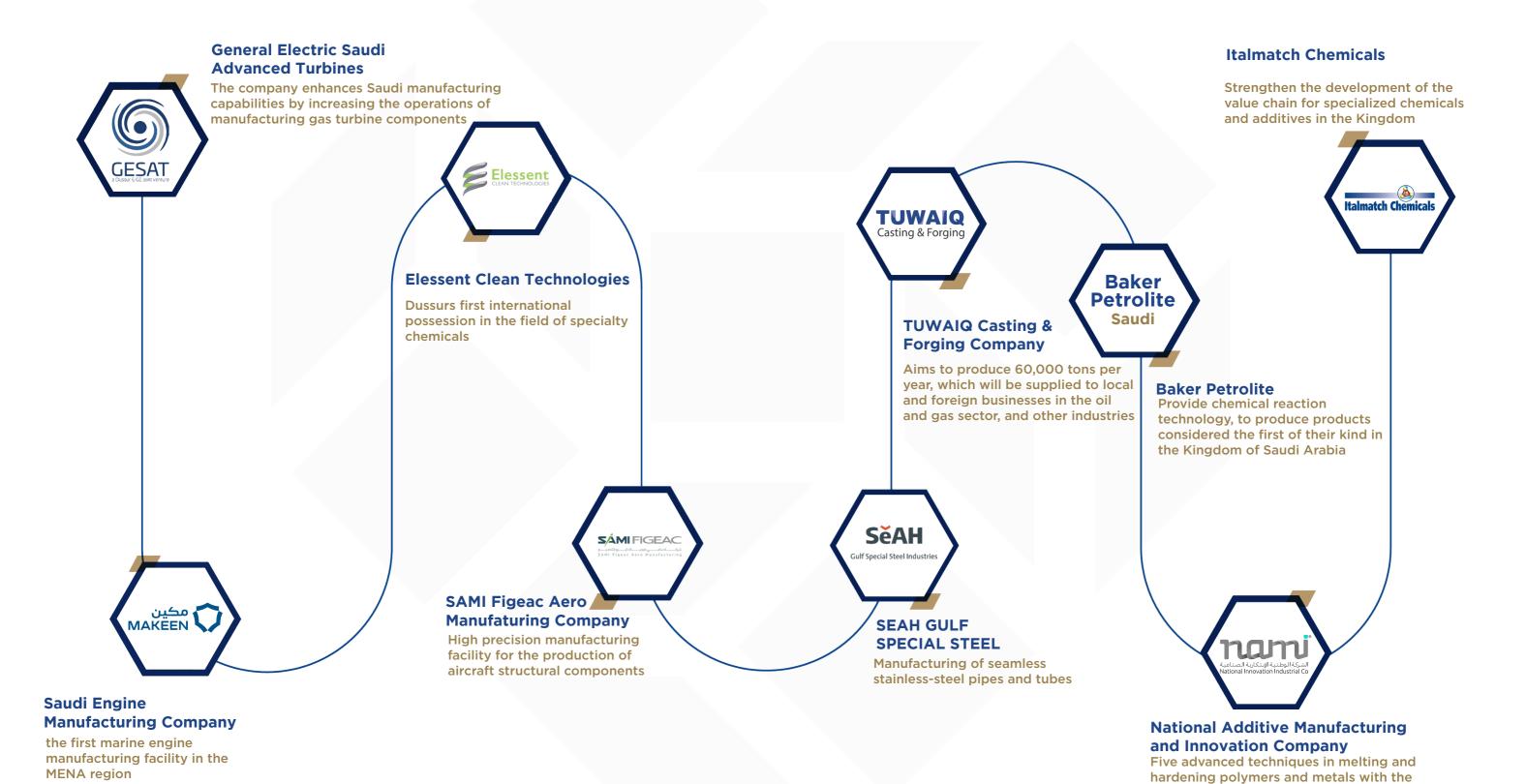
Adopt a sustainable investment model to maximize development impact And financial in line with the national strategy for industry

#### INVESTMENT PHILOSOPHY

Promoting industrial development in the Kingdom of Saudi Arabia, in order to achieve the Kingdom's Vision 2030 by focusing its investments in the targeted industrial sectors, raising competitiveness, transforming national resources into sustainable wealth, and taking a role in preparing the national economy to face future challenges.

best and latest printers, by trained experts.

#### PORTFOLIO



#### **GESAT Company**



#### Partners:



With an investment of 476 million Saudi Riyals (127\$ Mn), Dussur and General Electric signed an agreement in 2017 to establish GESAT company with the aim of manufacturing high-performance gas turbines and gas turbine spare parts and supporting carriers in the Kingdom.

The partnership agreement between Dussur company and General Electric company aims to enhance Saudi Arabia's manufacturing capabilities by localizing the production of gas turbines post casts, and skids, particularly the high-performance H-class gas turbines from General Electric company, which improves levels of flexibility and operational efficiency.

The aim of this partnership is to meet the majority of the annual demand for gas turbines in the Kingdom of Saudi Arabia.

The partnership aims to create more than 90 jobs with a Saudization rate of up to %70.

#### What will this investment contribute to?

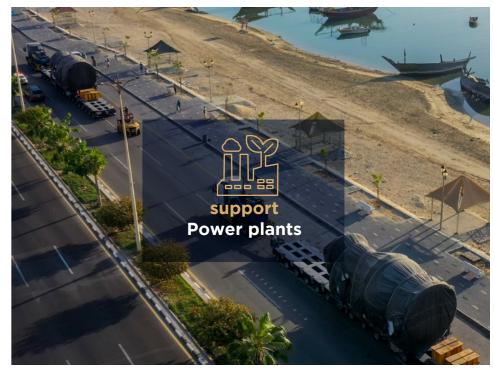
Since 2017, (GESAT) has exported over 194 H-Class gas turbine accessory modules, to support power generation plants, producing around 11 gigawatts of electricity per hour, enough to power 8.2 million homes around the world.

GESAT also aims to meet the majority of the annual demand for gas turbines in the Kingdom of Saudi Arabia, as it is participating in multiple tenders in the Power and Cogeneration industries, and has also successfully completed and exported 2  $\times$  9F.03 Gas Turbines Hot Gas Path upgrades for a customer in Bangladesh which is a great continuation of their leadership in the field of gas turbines both within and outside the Kingdom.











**Project classification:** Metals

#### PORTFOLIO

#### **MAKEEN Company**



#### Partners:







With an investment of 2,145 Billion Saudi Riyals (\$572 Mn), Dussur and Saudi Aramco development company (Mukamalah), and Hyundai Heavy Industries «HHI» signed an agreement in 2019 to establish Saudi Engines Manufacturing company (Makeen) ,the company will be the first facility to manufacture marine engines in the Kingdom.

The first financial shares were invested in early 2021, and the company specializes in manufacturing marine and electric power engines, both two-stroke and four-stroke, as well as marine pumps that operate ships and auxiliary marine equipment, electric generators, and propulsion systems. The engines produced by the new facility will be used for commercial ship propulsion, electricity generation, and as pumps for cargo oil on offshore drilling platforms.

#### What will this investment contribute to?

Upon operating at full capacity, «Makeen» will create more than 670 job opportunities, facilitating the transfer of technological and industrial knowledge to the Kingdom of Saudi Arabia.

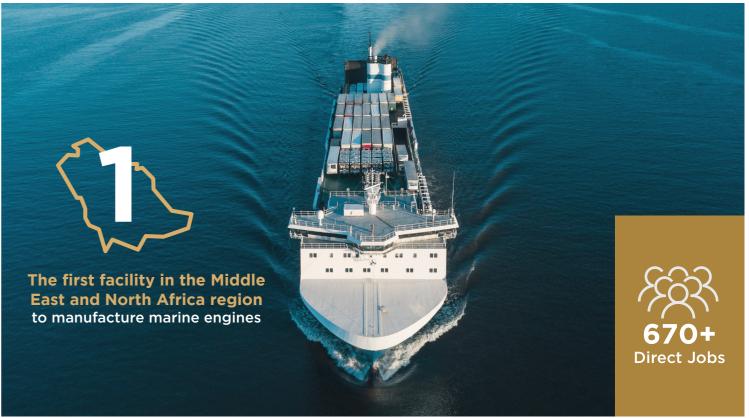
The facility is located in the Ras Al Khair Industrial City in the Eastern Province, taking advantage of the Kingdom's strategic geographic location at the crossroads of international trade routes between the three continents.

This represents an additional step towards enhancing the Kingdom's position as a unique regional logistics hub for global maritime trade.

The commercial operation of the facility is planned to be completed in Q3 of 2025.







**Project classification:** Metals

# **Elessent Clean Technologies Company**



#### Partners:





BroadPeak Global

In 2021 Dussur, with an international private equity consortium, completed its transaction to purchase the Clean Technologies business of DuPont de Nemours, Inc.

The new, independent company has been named Elessent Clean Technologies Inc. ("Elessent") is a global leader in advanced materials and process technologies to drive sustainability and carbon neutrality through metals, fertilizer, chemicals and oil refining industries. Elessent retains all rights to the technologies, expertise, products, and services that the metals, fertilizer, chemicals and oil refining industries have grown accustomed to from the Clean Technologies business over the years, including: MECS® sulfuric acid and environmental technologies, BELCO® scrubbing technologies, STRATCO® alkylation technology and IsoTherming® hydroprocessing technology.

Elessent employs over 300 staff in more than 18 countries around the world.

#### What will this investment contribute to?

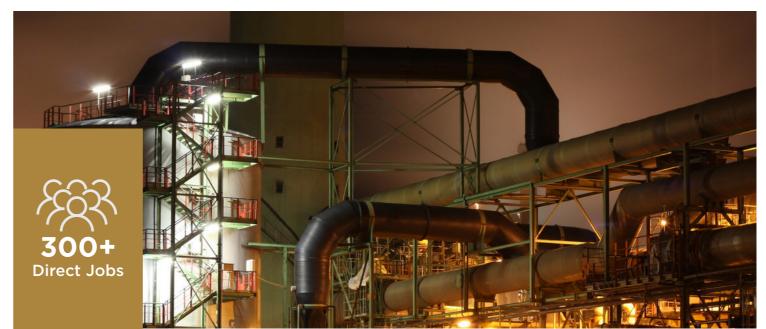
The acquisition will contribute to enhancing Dussur's continuous efforts to bring in know-how and advanced technologies to the Kingdom and the region.











Project classification: Downstream Chemicals

**Annual Report 2022** 

#### SAMI Figeac Aero Manufaturing Company



#### Partners:



With an investment of 315 Million Saudi Riyals (\$84 Mn), Dussur and the Saudi Arabian Military Industries (SAMI) and French aerospace company (FIGEAC AERO), have established a high-precision manufacturing facility in Saudi Arabia to produce aerospace structural components.

The initial product focus will be on manufacturing and equipping lightweight alloys (aluminum) and steel (titanium) for aircraft parts, and the project is expected to create over 135 direct job opportunities by 2030.

#### What will this investment contribute to?

The joint venture aims to develop the Kingdom's capabilities in aerospace structural manufacturing, as well as training Saudi engineers and technicians to work as part of this project. It also aims to contribute to the localization targets of the defense and civil aviation industries in line with the Kingdom's Vision 2030.

The manufacturing facility is located at the Aircraft Accessories and Components company (AACC) in Jeddah, which is wholly owned by Saudi Arabian Military Industries (SAMI). The project will benefit from the integration of production processes and capabilities provided by the Aircraft Accessories and Components company (AACC), in cooperation with French aerospace company (FIGEAC AERO). Several components manufactured in the facility have been selected for use by global original equipment manufacturers.

The commercial operation began in Q1 of 2022.





PORTFOLIO









## **SeAH Gulf Special Steel Company**



#### Partners:



With an investment of 1.02 billion Saudi Riyals (\$271 Mn) Dussur and the Korean based company (SeAH Changwon Integrated Special Steel Corporation) signed an agreement to establish the first facility in the Middle East and North Africa regions in the King Salman Energy Park (SPARK) to produce seamless, stainless-steel pipes and tubes.

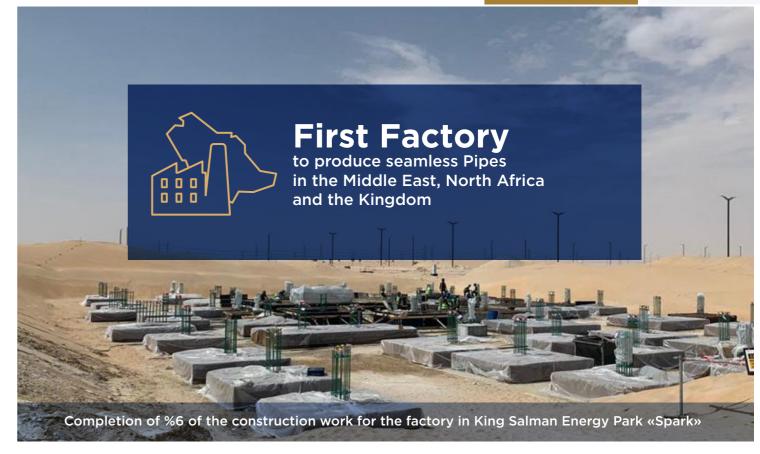
Ranging in size from 10-3 inches. These pipes are designed to withstand high pressure and can endure excellent resistance to rust, making them highly durable with longer lifespans than other alternatives.

The project's significance lies in its ability to attract international expertise and localize the manufacturing of seamless and stainless steel pipes and tubes, which are utilized in various sectors across the Kingdom, including the oil and gas sector, petrochemical sector, water sector, as well as several other promising sectors in the Kingdom.

#### What will this investment contribute to?

This partnership will also result in the transfer and localization of industrial knowledge, creating 200 sustainable job opportunities for Saudi men and women, and reducing dependence on imports for key sectors in the Kingdom.

The facility is expected to commence commercial operations by mid 2025.









**Project classification:** Metals

## **Tuwaiq Casting & Forging Company**











With an investment of 3,500 billion Saudi riyals (\$938 Mn) Dussur, and the korean based company Doosan Heavy Industries and Construction and Saudi Aramco Development company (Mukamalah) signed a partnership agreement in 2020 to establish Tuwaiq Casting & Forging Facility Ltd in Ras Al-Khair in the Eastern Region of the Kingdom of Saudi Arabia.

The facility, specializing in sand casting and open die forging processes, will also incorporate rough and precision machining. It targets an annual production of 60,000 tons, manufacturing more than 50 products that range in weight from 100 kilograms to 32 tons per piece. These products are set to meet the demands of local and international manufacturers across various industrial sectors.

#### What will this investment contribute to?

Tuwaiq Casting & Forging Facility Ltd will be a major supplier to many sectors, including oil and gas, maritime, petrochemicals, and others, and it is expected that this project will rely on the localization of local expertise in several high-quality manufacturing specialties, and is set to provide around 1400 direct job opportunities.

As a result, it will contribute to achieving the localization goals aimed at increasing local content.

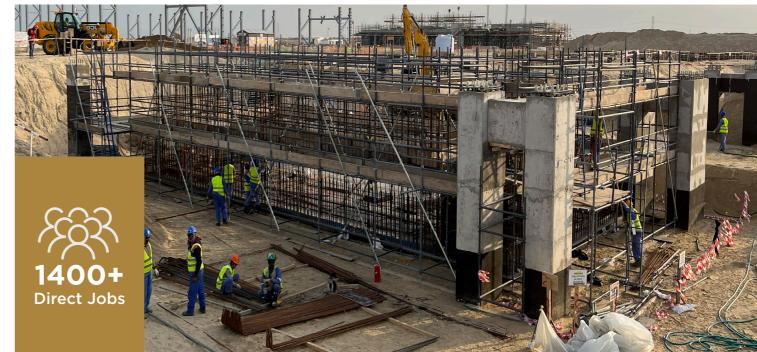
The facility is expected to commence commercial operations in Q1 of 2025.











**Project classification:** Metals

#### **Baker Petrolite Company**

#### Partners:



With an investment of 528.8 million Saudi riyals (\$141 Mn) Dussur and the American company (Baker Hughes), has signed an agreement to construct an industrial facility making it one of the first projects in the Kingdom to introduce chemical reaction technology.

With a production capacity of 30,000 metric tons per year. The facility will produce chemicals used in the extraction of oil and water treatment, being the first of its kind products in the Kingdom of Saudi Arabia at competitive price and high quality, to serve the Middle East and North Africa regions and meet the needs of the local market by replacing imports.

#### What will this investment contribute to?

Through Dussur's investment in "Baker Petrolite Saudi" the company's scope of work has expanded from blending materials to integrated industry by localizing the chemical reaction industry.

This will help to utilize the available petrochemical resources in Saudi Arabia and reduce the time required to meet the demand and needs of oil and gas companies, petrochemical companies, and others in the Kingdom and neighboring countries. In addition, it will transfer knowledge and create 60 direct job opportunities.

The facility is expected to commence commercial operations in Q4 of 2022









#### **NAMI Company**



#### Partners:





With an investment of 223 million Saudi riyals (\$59 Mn), Dussur and the U.S. based publicly traded company (3D Systems) signed an agreement in 2022 to create the first of its kind Service Bureau and Innovation center in the Kingdom, to provide on-demand printing services, consultations, digitalization, reverse engineering, and other post-processing services.

This project aims to serve multiple sectors in the Kingdom, as well as the Middle East and North Africa region, with a focus on oil & gas, automotive, aerospace, and health care, and defense sectors. It will also bolster the Kingdom's manufacturing journey by localizing state-of-the-art metal and polymer based technologies, enhancing supply chain resilience, and fostering exceptional capabilities for the jobs of the future.

#### What will this investment contribute to?

NAMI Manufacturing will contribute to securing supply chains by establishing a digital inventory for critical or obsolete spare parts and reducing the lead time to reduce disruption to operations of clients including national champions and small to medium enterprises. Moreover, the opportunity unlocks further backwards and forwards investments in the additive supply chain such as raw materials, printer maintenance, and dentistry. It is worth noting that the project is expected to create more than 340 direct jobs with a Saudization rate at least to %80 by 2030.

The Center is situated within the industrial zone of King Khalid International Airport, to leverage its unique logistics advantages for securing supplies and meeting customer demands in the fastest possible time.

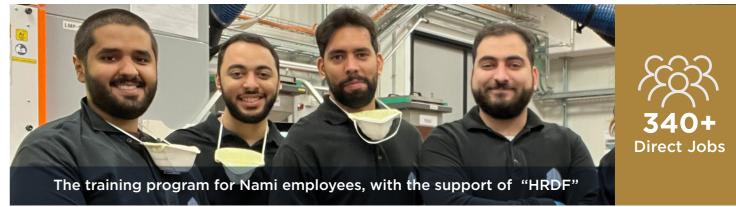
The facility is expected to commence commercial operations in Q1 of 2023.











Project classification: Modustrial Metals

# Italmatch Chemicals Company



#### Partners:



In 2022 Dussur has acquired a minority interest of Italmatch Chemicals company, a leading specialty chemicals company headquartered in Italy.

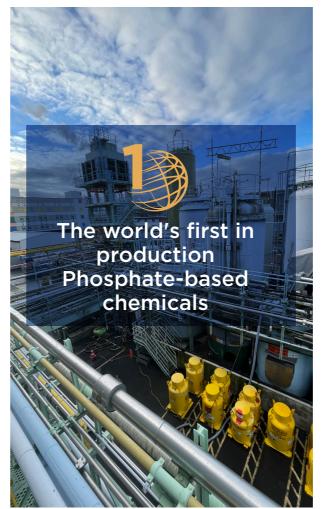
Italmatch Chemicals, best known for its manufacturing of advanced performance-enhancing additives, water treatment solutions, and various materials for the petroleum, gas, and plastics industry, will bring diverse expertise to Saudi Arabia. Furthermore, their range of products for the personal care chemicals sector will play a vital role in expanding and diversifying local production capabilities.

#### What will this investment contribute to?

Italmatch Chemicals is recognized globally as a leader in specialty chemicals, will use the capital increase of 100 million euros to solidify its competitive position and presence in the region. These funds are set to drive the establishment and development of specialized factories across the Kingdom, boosting the local economy and infrastructure.

Furthermore the acquisition will strengthen Italmatch presence in the MENA region and accompanied with that hiring and training of local talent who will drive Italmatch's growth and localization efforts.











PORTFOLIO

Project classification: Modustrial Metals

# Conclusion

#### Conclusion

In joint vision with the Public Investment Fund, SABIC and Aramco Dussur employees work to draw up strategic plans, develop investments, supervise and evaluate announced partnerships according to the specified objectives.

Dussur is proud of the distinguished cadres who work with dedicated efforts to build an advanced industrial sector capable of competing globally!

In order to transform the national resources into sustainable wealth through investments and partnerships in several vital sectors, and to complete the march of our announced projects, which contributes to the strengthening and prosperity of the Saudi economy.





# Industrial Investments.. For Greater Value



