



CHEMISTRY IN ACTION

Shaping a Sustainable Future

6-8 December 2022

 Hilton Riyadh Hotel & Residences, Riyadh, Saudi Arabia

POST EVENT REPORT

www.gpcaforum.com





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ABOUT THE FORUM

"I first attended the 13th Annual GPCA Forum in 2018 and I cannot be prouder with the level of attendance at this edition of the forum."

H.R.H. Prince Abdulaziz bin Salman Al-Saud
Minister of Energy, Saudi Arabia



In recent years, the world has experienced rapid and unprecedented change. Global disruptions have accelerated at a record rate and are likely to become more frequent and less predictable than ever. In a world defined by change, companies are facing ever greater scrutiny into the environmental impact of their products, their operations, and supply chains. Climate change, food insecurity, societal inequality, pandemics, and economic upheaval are here to stay, posing grave challenges to the public, governments, and businesses alike. The need of the hour now are strong leadership and immediate solutions.

While the industry is enabling our modern lifestyle, it is increasingly conscious of its socio-environmental footprint. Today chemical players are taking action to enhance their innovation capabilities, support food security, achieve net-zero, drive the circular economy, and accelerate the clean energy transition. At the same time the industry is grappling with rapid digitalization,

supply chain complexity, volatile global markets, evolving geopolitics, and new ways of working. While these trends come with their own set of challenges, they offer opportunities to create value through business model transformation, new partnerships, and new investments.

The 16th Annual GPCA Forum was held on 6-8 December 2022, for the first time in Riyadh, Saudi Arabia, to discuss the strategic issues impacting the chemical sector today under the theme 'Chemistry in Action: Shaping a Sustainable Future'. Building on its reputation as the most renowned gathering of global and regional chemical leaders in the Arabian Gulf, the forum provided unparalleled thought leadership and networking opportunities. This edition was a one-of-a-kind event, focusing on the chemical industry's role, plans, and strategies to design more sustainable value chains.

THE FORUM IN NUMBERS

Hosted by SABIC, this year's forum was attended by over 2,300 delegates from over 470 companies in 35 countries. The forum provided a fantastic opportunity to hear from and meet with 58 speakers and attend key forum features, including four

leadership dialogues, the GPCA Youth Forum, the GPCA Legacy Awards and the GPCA Symposium.



PACKED WITH
IMPACTFUL
CONFERENCE
SESSIONS

OVER
2,300



ATTENDEES

FROM **35**



COUNTRIES



ATTENDING
COMPANIES



SENIOR INDUSTRY
SPEAKERS



4

LEADERSHIP
DIALOGUES

"I want to congratulate GPCA for holding this meeting in Riyadh for the first time. Gatherings like these are vital to help create a better future for our industry."

Peter Vanacker
CEO, LyondellBasell



SPEAKERS

H.R.H. Prince Abdulaziz bin Salman Al-Saud, Minister of Energy, Saudi Arabia, inaugurated the 16th Annual GPCA Forum. Eng. Abdulrahman Al-Fageeh, Chairman, GPCA, and CEO (A), SABIC, delivered the welcome remarks. Delivering the keynote address on day one was Amin Nasser, President & CEO, Saudi Aramco.

The second keynote was presented by Dr. Martin Brudermuller, Chairman of the Board of Executive Directors, BASF and President, CEFIC.



H.R.H. Prince Abdulaziz bin Salman Al-Saud
*Minister of Energy,
Saudi Arabia*



Eng. Abdulrahman Al-Fageeh
*CEO (A), SABIC
and Chairman, GPCA*



Amin Nasser
*President & CEO,
Saudi Aramco*



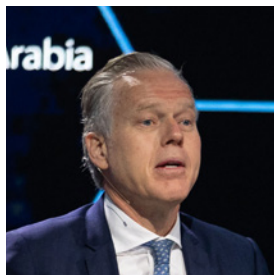
Dr. Martin Brudermuller
*Chairman of the Board of
Executive Directors, BASF
and President, CEFIC*



Karen McKee
*President, ExxonMobil
Product Solutions*



Peter Vanacker
*CEO,
LyondellBasell*



Conrad Keizer
*CEO,
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Fernando J. Gómez
*Head of Industry
Communities Energy,
Materials and
Infrastructure,
World Economic Forum*



Olivier Thorel
*VP Chemicals &
Hydrogen, Aramco and
Board Director,
SABIC*



Eng. Fahad Alajlan
*President,
KAPSARC*



Tatsuya Terazawa
*Chairman & CEO,
The Institute of
Energy Economics,
Japan (IEEJ)*



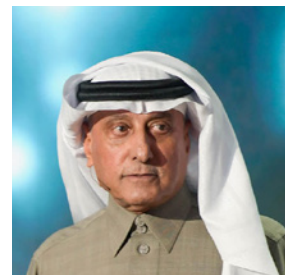
Doug Kelly
*President, Technology,
KBR*



Al Muthir Al Kharusi
*Chief Executive Strategy &
Transformation,
OQ*



H.E. Mohammed A. El-Kuwaiz
*Chairman of the Board,
Capital Market Authority
Saudi Arabia*



Mutlaq Al-Morished
*CEO,
Tasnee*



Hur Sung Woo
EVP,
LG Chem



Ken Grahame
MD, Head,
Global Chemicals
Investment Banking,
Goldman Sachs



Dick Richelle
Chairman of the Executive
Board and CEO,
Royal Vopak



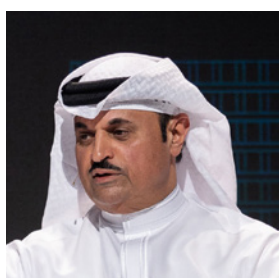
Henning Malmgren
Director - Chemicals
Logistics Middle East,
Maersk



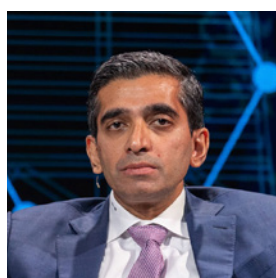
Saleh Al-Shabnan
Chairman of the Board,
Saudi Supply Chain &
Procurement Society



**Abdulrahman
Shamsaddin**
CEO, SABIC
Agri-Nutrients



**Abdulrahman
Al-Suwaidi**
CEO, QAFCO



Haroon Rahmathulla
COO,
Fertiglobe



**Dr. Abdulwahab
Al-Sadoun**
Secretary General,
GPCA

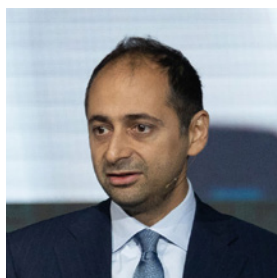
TEASER PRESENTERS, MODERATORS AND EMCEE



Ivo Bozon
Senior Partner,
McKinsey & Co.



Dr. Patrick Herhold
MD and Partner,
Co-Founder and Co-lead of
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Sustainability,
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Dr. Yahya Anouti
Partner & ESG Leader,
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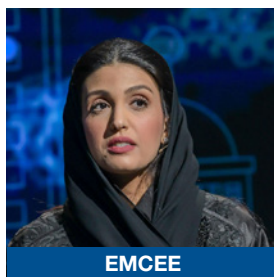
Dr. Bernd Elser
MD, Global Chemicals
Lead,
Accenture



Tim Cheyne
SVP – Global Head of
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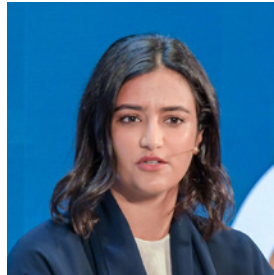
GPCA YOUTH FORUM SPEAKERS AND FACILITATORS



Naser Aldousari
Sponsor, **GPCA Youth Council** and President & CEO, **EQUATE Group**



Mishaal Ashemimry
Special Adviser to CEO, **Saudi Space Commission** and VP, Diversity Initiatives, **International Astronaut Federation**



Reema Juffali
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Chair, **Y20 Saudi** and **Generation Connect Board Member**, **ITU**



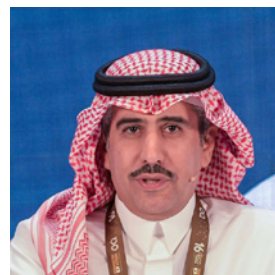
Dr. Mohammed Al-Mulla
MD & CEO, **QAPCO** and Vice Chairman, **GPCA**



Mutlaq Al-Morished
CEO, **Tasnee**



Abdullah Al-Saadoon
CEO, **SIPCHEM**



Abdulaziz Al-Oudan
EVP – Corporate HR, **SABIC**



Faisal AlBalushi
VP - People, Technology & Culture (PT&C), **OQ RPI & Plastics**



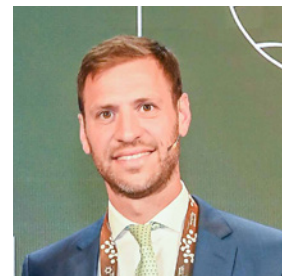
Dr. Yves Morieux
MD & Senior Partner, **BCG**



Mohammed Al-Akil
Chairperson, **GPCA Youth Council** and Sr. Sustainability Analyst, **SABIC**



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Principal, **BCG**



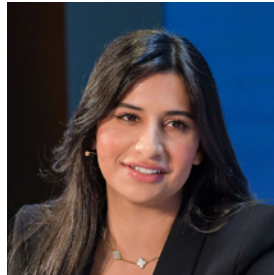
GPCA YOUTH FORUM MODERATORS AND EMCEE



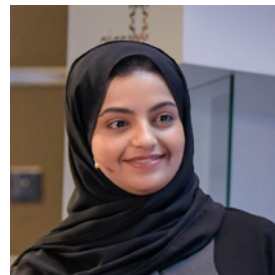
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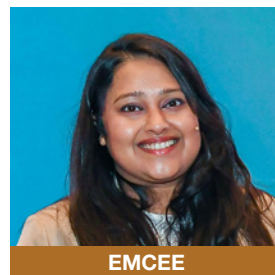
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GPCA SYMPOSIUM SPEAKERS AND MODERATORS



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President & CEO,
EQUATE Group and
Chairman, Plastics
Committee, **GPCA**



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Senior Director,
Plastics Division, **ACC**
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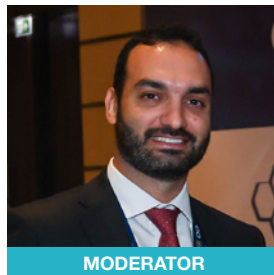
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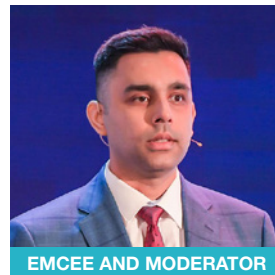
Bob Maughon
EVP, Sustainability,
Technology & Innovation
and Chief Technology
and Sustainability Officer,
SABIC



Marwan Frem
President,
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Senior Partner, Head of
Sustainability MENA,
Roland Berger



Udit Arora
Head of Committees
Affairs & Economic
Research (A), **GPCA**



SHAPING THE SUSTAINABILITY LANDSCAPE FOR THE NEXT DECADE



Welcome remarks

The Arabian Gulf region is well positioned to take the lead in the energy transition through clean hydrogen development and strong policy support, said Eng. Abdulrahman Al-Fageeh, Chairman, GPCA, and CEO (A), SABIC, as he delivered the welcome remarks at the forum as the Association's new Chairman. In his speech, Al-Fageeh focused on three crucial themes which he explained will be critical in the chemical industry's transformation towards a cleaner, more sustainable future – integration, collaboration and decarbonization. The region is well placed to capitalize on the opportunities afforded by its vast material resources, its modern infrastructure and technological know-how in order to lead the way on our path to a more sustainable future, he continued.

Carbon dioxide can be removed from circulation in the biosphere through a combination of several things: efficiency improvements; the electrification of manufacturing; carbon capture, storage and utilization; and the production of clean hydrogen, Al-Fageeh explained. As far as clean hydrogen is concerned, the carbon footprint of conventional hydrogen production from methane can be shrunk by capturing and permanently storing the CO₂ that is given off as by-product. Another alternative is to make hydrogen from the electrolysis of water using renewable electricity, the GPCA Chairman added. In this particular approach to decarbonization, the GCC is well positioned to take the lead thanks to its access to abundant methane resources; underground storage facilities; its renewable-electricity potential; and its know-how, he opined. He also drew upon the importance of talent—particularly young talent in the clean energy transition.

Finally, enabling the Circular Economy, emphasized Al-Fageeh, will require new solutions and concerted action to “circularize” value chains and develop regulations and standards that support recycling. “Innovation is about more than just new processes or products; it is about shaping an organizational culture that encourages transparency and continual improvement. And the skills and sheer enthusiasm of youth gives this impetus,” the SABIC acting CEO said.

He concluded: “The chemical industry has always managed to overcome the challenges it faced. The key to our success is by seizing every opportunity that challenges bring. Through such action, the GCC can shape a sustainable future.”



“The key to our success is by seizing every opportunity that challenges bring. Through such action, the GCC can shape a sustainable future.”

Eng. Abdulrahman Al-Fageeh
Chairman, GPCA, and CEO (A), SABIC



Inaugural address

H.R.H. Prince Abdulaziz bin Salman Al-Saud, Minister of Energy, Saudi Arabia, inaugurated the 16th Annual GPCA Forum, which was held in the Saudi Arabian capital, Riyadh, for the first time since its inception. “The GCC is the land of opportunity, the land of the ambitious and the home of the determined,” he told delegates in his inaugural address, emphasizing on the role of local talent in shaping a sustainable future. He praised other GCC nations for their progress and development, describing Dubai as the ‘city of the world’ and praising Qatar for hosting the 2022 World Cup. His Royal Highness highlighted the role of Saudi Arabia’s and this region’s youth in delivering Saudi Vision 2030, vowing to produce a full chain of chemicals, including special products, and converting every molecule into a finished product. However, he told delegates regional leaders cannot afford to let time pass. They must utilize the talent and energy of the young generation and give them the same opportunities that they themselves had. “It’s the youth’s absolute right to determine what kind of a future they want to build for themselves and what kind of ambitions they’d like to deliver for their own selves, and

because of that it is my job and the job of others to act only as the enablers for this young generation to make their own future.” He concluded by promising to deliver on Aramco’s strategy to expand its oil to chemicals capacity to up to 4 million barrels per day and praised the progress made under the Kingdom’s circular carbon economy.



“The GCC is the land of opportunity, the land of the ambitious and the home of the determined.”

H.R.H. Prince Abdulaziz bin Salman Al-Saud
Minister of Energy, Saudi Arabia



Keynote address

Delivering the first keynote session of the day, Amin Nasser, President & CEO, Saudi Aramco, shared the company's downstream journey and the road ahead. "Our strategy to convert up to 4 million barrels per day of liquids into chemicals by 2030, supported by technology investments, is beginning to take shape. Last month, we announced the first large-scale deployment of our crude-to-chemicals cracking technology at our S-Oil integrated downstream hub in Korea," said Nasser.

In summary, he highlighted the role of innovation and collaboration in enabling a more sustainable future for the chemical industry in the region: "The chemical industry needs to strengthen and accelerate its innovation efforts to develop more durable and more sustainable materials, at scale, while reducing their cost. Establishing an advanced materials center, here in the Kingdom, could strengthen and complement existing programs and push the boundaries of innovation through global collaboration."



"The chemical industry needs to strengthen and accelerate its innovation efforts to develop more durable and more sustainable materials, at scale."

Amin Nasser
President & CEO, Saudi Aramco



Keynote address

In the second keynote on day 1, Dr. Martin Brudermuller, Chairman of the Board of Executive Directors, BASF and President, CEFIC, addressed BASF's transformation journey to a carbon neutral and circular future. For many companies, the future of their companies' financial outlook has changed. Moving forward to net-zero has therefore become even more difficult for the chemical industry, Dr. Brudermuller said. He praised the role of the industry and its products for being "essential" in the transformation of society and the ecosystem, warning that there would be no net-zero without the chemical industry. However, at the same time we remain highly dependent on fossil fuel, and this is a challenge, Brudermuller explained. Extreme price hikes in raw materials are creating a ripple effect on supply chains and global markets, he continued. He drew upon the role of collaboration in solving the global challenges of climate change and urged the industry to work together towards this common objective. Sustainability has to be at the core of what we do, and this has got to become our DNA. Finally he concluded that "to make the transformation a reality, businesses need to stay competitive and a cooperation between industry, politics and society is necessary globally".



"Sustainability has to be at the core of what we do, and this has got to become our DNA."

Dr. Martin Brudermuller
Chairman of the Board of Executive Directors, BASF and President, CEFIC

RECOGNIZING GPCA'S OUTGOING CHAIRMAN: YOUSEF AL-BENYAN – A TRANSFORMATIONAL AND VISIONARY LEADER



In 2022, GPCA's outgoing Chairman H.E. Yousef Al-Benyan, former Vice Chairman and CEO of SABIC, was appointed by a Royal Decree as the Education Minister of Saudi Arabia. As part of the Annual GPCA Forum program, GPCA recognized His Excellency for his service as Chairman of GPCA (2016 – 2022) and for his contributions to the association. His Excellency Mr. Al-Benyan was presented with a special award trophy on stage by Eng. Abdulrahman Al-Fageeh, Chairman, GPCA, and CEO (A), SABIC, and Dr. Abdulwahab Al-Sadoun, Secretary General, GPCA.

A special tribute video was played in recognition of the former GPCA Chairman as current and past GPCA Board Members shared their tribute about his legacy, describing him as a transformational and visionary leader.

"His personal attributes – being very respectful and humble – helped to rally the Board behind him to accomplish the GPCA objectives. He leveraged his global as well as regional network to help GPCA advocate the industry's position for many years."

Dr. Abdulwahab Al-Sadoun, Secretary General, GPCA

"It is his commitment and dedication that drove the organization to achieve its visionary objective of thought leadership in the industry."

Dr. Mohammed Mulla, Vice Chairman, GPCA and Managing Director and CEO, QAPCO

"He provided outstanding leadership and support to the association and all members."

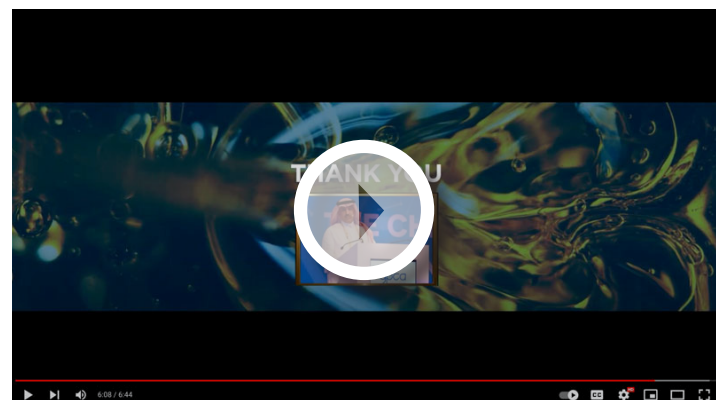
Hazeem Al Suwaidi, Treasurer, GPCA and CEO, Borouge

"Through his personal effort, dedication and personal calls to key decision makers and CEOs in the petrochemical industry, GPCA managed to bring the best speakers from around the world."

Mutlaq H. Al-Morished, CEO, TASNEE

"Working with Yousef through the GPCA Board one can clearly see his unwavering support to the industry and firm commitment to societal and regional responsibility."

Naser AlDousari, Board Member, GPCA and President & CEO, EQUATE Group



WATCH THE VIDEO

4TH GPCA LEGACY AWARD “AL-ROWAD”



The 4th edition of the GPCA Legacy Award “Al-Rowad” (الزوائد) took place in a special award ceremony during the forum. The Award was bestowed upon Mohamed Al-Mady, former Vice Chairman and CEO, SABIC (1998 – 2015) and Founding Chairman, GPCA (2006 – 2015) for his role in developing and advancing SABIC and contributing to the establishment of a globally competitive chemical and petrochemical industry in Saudi Arabia and the region. Presenting him with a special Award trophy on stage was Eng. Abdulrahman Al-Fageeh, Chairman, GPCA, and CEO (A), SABIC.

Upon receiving the Award, Mr. Al Mady commented: “This honor does not stop at my humble self but extends to those, past and present, who contributed to SABIC’s success since its inception. I wish to dedicate this recognition to SABIC’s employees, Board of Directors and its Chairmen who made this success possible. During my 19 years I was blessed to work with Dr. Hashim A. Yamani and Prince Saud Bin Abdullah Bin Thenayan Al-Saud and under their guidance we were able to realize the initial SABIC dream and achieve an unprecedented global expansion.”

He added: “I hope that GPCA will continue in its steps to achieve more success and I am proud to have been its chairman for nine years.”

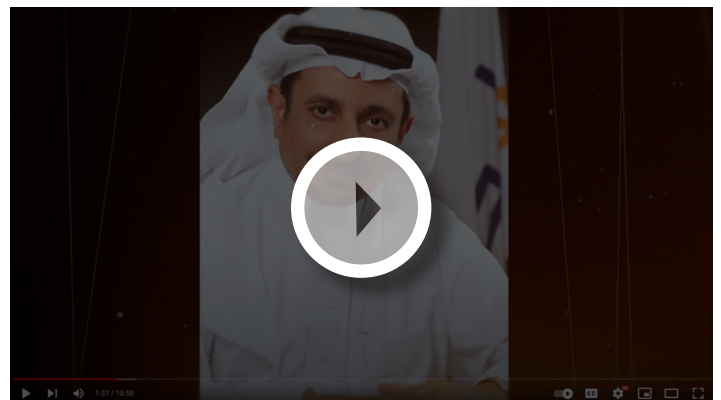
Dr. Abdulwahab Al-Sadoun, Secretary General, GPCA, paid a special tribute to GPCA’s Founding Chairman, describing him as one of the region’s instrumental leaders who takes an important place among the founding fathers of SABIC, of GPCA and the wider Arabian Gulf chemical industry.

“Anybody who knows and who has worked with Mohamed Al Mady, including myself, will attest to his vision and growth

mindset. As a visionary leader, he was always a source of inspiration. Where others found challenges, he saw new possibilities and an opportunity to shape the future. In recognition of his contributions to the GCC chemical industry and for leaving a lasting legacy behind, we are proud to honor him as the winner of the 4th GPCA Legacy Award “Al Rowad”.

He added: “I express my heartiest gratitude to the Members of the GPCA Legacy Award Committee for all of their outstanding effort, contributions and commitment since the Award’s establishment.”

GPCA launched the Legacy Award in 2017 to honor the leaders of past generations who laid the foundations for a robust chemical enterprise in the six GCC states. By launching this initiative, GPCA aspires to make known the rich history of the GCC chemical industry and inspire current and future generations to walk in the footsteps of the industry’s founding fathers.



WATCH THE VIDEO

LEADERSHIP DIALOGUE 1: CLEAN ENERGY TRANSITION – THE GCC’S OPPORTUNITY TOWARDS WORLD LEADERSHIP



Is the green transition a burden or an engine for sustainable growth? How can the chemical industry accelerate decarbonization in line with national visions? What are the costs and the investments required for decarbonization?

Taking on these difficult questions were the panelists at the first Leadership Dialogue on day 1 Olivier Thorel, VP, Chemicals & Hydrogen, Aramco and Board Director, SABIC; Eng. Fahad Alajlan, President, KAPSARC; Tatsuya Terazawa, Chairman & CEO, The Institute of Energy Economics, Japan (IEEJ); Doug Kelly, President, Technology, KBR, Inc.; and Al Muthir Al Kharusi, Chief Executive Strategy & Transformation, OQ. Delegates also enjoyed a teaser presentation by Dr. Patrick Herhold, MD and Partner, Co-Founder and Co-lead of BCG’s Center for Climate & Sustainability, Boston Consulting Group (BCG), who moderated this session.

Dr. Herhold set the scene by highlighting the climate crisis as one of the most powerful drivers for change of the century. The US is emerging as an unexpected leader in renewables and hydrogen, he said, thanks to the levelized cost of energy. That said, Saudi Arabia will have the best cost advantage in this decade—followed by the US, China and Germany – based on energy cost projections for 2030 and a base case scenario as of November 2022.

Current levels of global greenhouse emissions require a global turnaround urgently. At the current state of policies and regulation, emissions will continue to rise in the run up to 2050. Although emissions reduction levers are well understood, many non-fossil alternatives still come at a cost premium. Technology, however, can be utilized to speed up the energy transition.

The world faces a substantial risk of scarcity for green supply in 2030. Directional estimate of supply scarcity risk indicates a

gap between estimated demand and planned capacity in 2030 according to decarbonization commitments and announced capacity to 2030, as of October 2022. This is particularly true for plastic and chemical products.

Hydrogen can play a critical role in the energy transition as demand is estimated to stand at around 350 mtpa in a 2°C pathway by 2050. The cumulative low-carbon hydrogen investment needed by 2050 is in the tune of USD 3-10 trillion. And the GCC carries a strong momentum in hydrogen investment with a number of projects currently in the pipeline.

For regional players, commercializing sustainability can be a cumbersome task. To succeed in such a difficult endeavor, companies need to begin by designing a target portfolio. They must identify the green value proposition that works for them and engage their customers. Creating a pricing strategy is the next crucial step in the journey towards sustainability, which would need to be followed by developing a strong ecosystem. Finally, industry players would need to ensure key enablers across the business, including governance, capabilities, investment budget, physical decarbonization, green business case, etc. are all aligned to reach the sustainability objectives they have set out to achieve.



“Hydrogen can play a critical role in the energy transition as demand is estimated to stand at around 350 mtpa in a 2°C pathway by 2050.”

Dr. Patrick Herhold
MD and Partner, BCG

DAY 2: TAKING ACTION



On day 2 the conversation continued with more powerful and thought-provoking insights by international and regional industry thought leaders. Among the key topics discussed at the forum were the new age of sustainability and decarbonization, turning the ESG theory into action, and the future of chemical supply chains.

How the chemical sector can thrive in a new age of sustainability and decarbonization

The session started with a teaser presentation by Ivo Bozon, Senior Partner, McKinsey & Co., who also moderated the discussion. He began by highlighting several major trends shaping the chemical and petrochemical industry across demand and the energy transition. The industry will see slower growth in the short term driven by the current challenges. Medium to longer term growth of 2.5–4% and diversifying demand centers from China to other emerging markets such as India, South-East Asia and Africa are expected to shape the industry's landscape in the years to come. The energy transition will lead to accelerated growth for petrochemical products in industries such as equipment for wind and solar power generation and electric vehicle powertrains. New demand supported by lower emission footprint of plastics compared to alternatives will also emerge. Finally, we are likely to see more decarbonization commitments from downstream industries such as packaging, clothing, and automotive which will carry further implications for the industry globally.

Moving on, the circularity trend for petrochemicals is only going to accelerate. Increasing brand commitments will continue into the future with many CPG companies having committed to raising the share of recycled plastics in their products by 10% to 30%. There will be ongoing cross-value-chain opportunities for petrochemical players such as waste collection to products with recycled content.

Another key trend to watch is the changing feedstock slate. Feedstock advantage will shrink as feedstock slates evolve around the world, enabled by shipments of natural gas liquids across geographies. Renewable feedstocks are expected to be in high demand due to their superiority in some sustainable niche applications but availability will be limited.

Shaping a sustainable future

The first panelist at this session was Karen McKee, President, ExxonMobil Product Solutions, who began her presentation by outlining three fundamental themes: 1) the role of the industry in developing more sustainable processes and products 2) the centrality of the chemical industry to the energy transition 3) the fundamental importance of collaboration and partnerships to solve big challenges.

Few challenges are more important than reliably meeting the increasing demand for essential products like polymers and energy, while reducing greenhouse gas emissions, and all of the industry player are called to this challenge, McKee said. Lower emissions require more sustainable processes alongside developing products with sustainability benefits through improved circularity.

It is not always understood, as McKee explained, that chemical products are enablers of a lower emission economy. Chemical products in fact are central to the energy transition and broader sustainability goals. A few examples include that polymers are instrumental in developing lightweight conventional as well as electric vehicles making them more energy efficient. Polymers are also central components for solar panels and enable larger, more productive blades wind turbines. Plastics also support sustainable agriculture by increasing crop yield and enabling food preservation therefore avoiding CO₂ from food spoilage while reducing waste. Additionally, on life-cycle basis, plastic packaging has a 50% lower GHG emissions impact compared to alternative materials as a group.

In conclusion, McKee highlighted the role of partnership in the chemical and petrochemical industry. "Good partners overcome challenges to achieve the extraordinary and accomplish more than we could alone."



“We’re finding new ways to work together to reach innovative breakthroughs. I’m confident and I’m excited, about what our industry will achieve in this period, and what we’ll contribute to society in the arena of sustainability,” she concluded.



“Good partners overcome challenges to achieve the extraordinary and accomplish more than we could alone.”

Karen McKee
President, ExxonMobil Product Solutions

The race toward plastics circularity, decarbonization

“We are at an inflection point, with many converging factors unleashing unprecedented opportunities,” said Peter Vanacker, CEO, LyondellBasell, the second keynote panelist in the morning on day two. “The race to decarbonize industry is well underway, and so is the global drive to create a circular economy for plastics,” he added.

Vanacker highlighted the need for a global, balanced instrument across five key areas: 1) boosting supply and demand of recycled products to create a circular economy for plastics 2) creating universal access to waste collection to increase supply of recycled plastics, including with financing from public-private partnerships 3) accelerating the development of end markets for recycled plastics 4) establishing design principles for packaging to increase demand of recyclable materials 5) formulating transparent standards on plastic additives used in packaging.



With the amount of capital needed to realize this vision, regulatory certainty will be critical, Vanacker said. A stable policy environment will accelerate necessary investments, close gaps between supply and demand for recycled plastics, and enable recycling innovations focused on technologies with the best environmental footprint.

Independent studies found substituting plastic bottles with glass would generate emissions equivalent to 22 coal power plants. Research also shows that most alternatives to plastics in consumer goods applications, from glass to paper and aluminum, carry fourfold the environmental cost. Examples like these reaffirm the value proposition of our products, and the important role they play on the path to net zero greenhouse gas emissions. Additionally, polymers made with feedstock derived from mechanical and advanced recycling, as well as renewable sources, offer a more sustainable alternative to fossil-based polymers.

But greater material circularity alone cannot solve global waste mismanagement challenges, Vanacker warned. “This is a crucial factor proponents of product bans and deselection measures should consider. In addition to investments in circularity, we need effective waste collection and sorting systems for plastics, and educated consumers to do their part. Effective design of waste management systems is more than possible. This is something that already exists for other materials like cardboard,” he added.



“In addition to investments in circularity, we need effective waste collection and sorting systems for plastics.”

Peter Vanacker
CEO, LyondellBasell



Conrad Keijzer, CEO, Clariant, began by explaining that the current energy crises are accelerating a sustainability transformation of the chemical industry. Energy efficiency goes hand in hand with emission reduction and alternative energy sources projected to become increasingly attractive, Keijzer said. Since 2010, 1.6 billion people have joined the middle class globally, with 150 million people being added every year. With this, demand for energy is set to grow strongly through 2050.

Markets are currently looking for low carbon products and expecting regulators to drive down emissions. This is in turn contributing to a switch to renewable energies. High energy costs, particularly in Europe are increasing the attractiveness of alternative energy sources and low carbon materials such as 2nd generation biofuels. There are significant opportunities in the industry currently thanks to technologies that allow the storage and transportation of hydrogen as well as biofuels. For the industry to thrive, players must set ambitious targets, Keijzer said. They must embed sustainability in the company culture as

it affects at all aspects of doing business and focus on helping their customers by increasing the sustainability performance of products. The chemical industry must increasingly deliver solutions that help customers achieve their sustainability targets, and this is what Clariant believes in and delivers on – greater chemistry between people and planet, he concluded.



“Markets are currently looking for low carbon products and expecting regulators to drive down emissions.”

Conrad Keijzer
CEO, Clariant



LEADERSHIP DIALOGUE 2: TURNING THE ESG THEORY INTO ACTION



The first leadership dialogue on day 2 of the Annual GPCA Forum tackled important questions on moving the needle on ESG (Environment, Social and Governance). From offering tips on adopting an ESG-driven approach throughout the company's entire value chain and ecosystem, to discussing the role of regional governments in providing strong policy and regulatory support to assist companies with ESG transformation, the panelists H.E. Mohammed A. El-Kuwaiz, Chairman of the Board, Capital Market Authority, Saudi Arabia, Mutlaq Almorished, CEO, TASNEE, Hur Sung Woo, EVP, LG Chem, Kenneth Grahame, MD, Head of Global Chemicals Investment Banking, Goldman Sachs and Dr. Yahya Anouti, Partner & ESG Leader, PwC Strategy& Middle East discussed the multiple aspects of ESG value creation.

Dr. Anouti delivered a teaser presentation and moderated this important session. He began by demystifying what ESG means for chemicals, defining each of the three pillars and its importance for the industry. Chemicals sit at the heart of the manufacturing value chain, with significant portion of all manufactured goods relying on some form of industrial chemical process. Chemicals are also critical to address the global sustainability agenda. Energy savings enabled by chemical products are double those required to manufacture them, while solutions provided by the chemical industry could reduce emissions by 2.5 GtCO₂e per year by 2030, Dr. Anouti said.

Investors are catching up on ESG - and they're ready to act. Chemical players know this and have made bold ESG commitments. Yet, several barriers hold ESG back, even in

companies that prioritize ESG issues – balancing ESG with growth targets, a lack of reporting standards, and regulations as well as complexity, a lack of support from leadership, volatility of regulatory requirements and difficulty in quantifying potential ROI.

Significant opportunities exist to enable the ESG transition in the GCC region. From low-cost, abundant renewable energy and hydrogen to the development of next generation industrial cities, national and sector-specific local content programs and government ESG initiatives such as net-zero.



"Investors are catching up on ESG - and they're ready to act. Chemical players know this and have made bold ESG commitments."

Dr. Yahya Anouti
Partner & ESG Leader, PwC Strategy& Middle East

Leading with science for sustainability

Bringing in the latest insights from Asia on the panel was Hur Sung Woo, EVP, LG Chem. He highlighted supply chain complexities backed by high geopolitical risks as the key factor



Sustainable finance

Ken Grahame, MD, Head of Global Chemicals Investment Banking, Goldman Sachs, began by highlighting some of the key dynamics driving a secular trend towards sustainable growth. A focus on climate transition and inclusive growth represents a strategic opportunity and an increasingly competitive necessity for firms, he said. A growing drive for efficiency, innovation and growth is common among clients in all sectors. Changing preferences by consumers, employees, companies, regulators and asset owners, improving economics and growing consequences for non-compliance are driving action on ESG. The core of any approach needs to be grounded in understanding the economic impacts and opportunities, Grahame said.



“The core of any approach needs to be grounded in understanding the economic impacts and opportunities.”

Ken Grahame

MD, Head of Global Chemicals Investment Banking, Goldman Sachs

stagnating the ESG transition in South Korea. Geographical limitations, including inapt land for renewable development considering the demand, is another key factor deterring progress in this space. South Korea also ranks among the bottom 60 countries for PV performance (PVOUT), while the average wind speed for offshore development is complex to develop due to high cost, project timeline and approvals. The country is also ridden by burdensome economics, Hur said. Unlike renewables rich countries, Korea has disadvantage in terms of price. There is a high cost of offshore wind owing to turbine blades cost and grid connection. At the same time, the rising oil price is pushing vessel contracts higher, in turn ramping up transportation costs.

The third factor impeding progress is policy uncertainty with the country seeing a recent change in focus from renewables to nuclear energy. Hur added that a collaborative environment will be needed fueled by strong market demand for greener products. The winning framework would need robust policies and support from government agencies, collaboration across interdisciplinary business sectors, resilient market and consumer demand and rapid technological advancement, he concluded.



“Supply chain complexities backed by high geopolitical risks are the key factor stagnating the ESG transition in South Korea.”

Hur Sung Woo

EVP, LG Chem



LEADERSHIP DIALOGUE 3: RETHINKING THE FUTURE CHEMICAL SUPPLY CHAIN



The last leadership dialogue of the day 2 saw industry experts Dick Richelle, Chairman of the Executive Board and CEO, Royal Vopak, Henning Malmgren, Director – Chemicals Logistics Middle East, A.P. Moller - Maersk, Saleh Al-Shabnan, Chairman of the Board, Saudi Supply Chain & Procurement Society, Dr. Bernd Elser, MD, Global Chemicals Lead, Accenture and David Seymour, GCC Chemicals Lead, Accenture, discuss how the industry can boost GCC chemical supply chain resiliency, sustainability and value creation at a time of disruption. They addressed key enablers for driving supply chain competitiveness including localization, diversification, operational excellence and digitalization.

Excellence in turbulence

The Gulf region is a global supplier of chemicals, with over 70% of its chemicals being exported to Asia, Dr. Elser said. As such, the region is affected by changes and challenges in the supply chain globally, as are other regions. Global supply chains are experiencing massive and fast changes. According to the Global Supply Chain Pressure Index (GSCPI), delivery times, prices, and inventory challenges were rampant across the supply chains. This means that established ways of working, and steering are not suitable any longer. These ways of working and steering therefore require reinvention.

There is a long list of interventions that needs to be tailored to the specific challenges. Dr. Elser suggested that companies need to develop a fact-based understanding of most relevant changes for their business. They need to reinvent their management routines as needed (looking at things such as monthly cycles, meeting cadence, etc.). Companies should also look to upgrade their capabilities and digital technologies, e.g., pricing, collaborative planning, and build resilience by tighter collaboration in the ecosystem and partner network. Finally, industry players must look for opportunities in the new uncertain world, Dr. Elser concluded.



“Companies should upgrade their capabilities and digital technologies, and build resilience by tighter collaboration in the ecosystem and partner network.”

Dr. Bernd Elser
MD, Global Chemicals, Lead Accenture

DAY 3: SHAPING A BETTER FUTURE



Delivering the inaugural session on the last day of the forum, Fernando J. Gómez, Head of Industry Communities Energy, Materials and Infrastructure, World Economic Forum, discussed the industry through uncertainty. Gómez began by highlighting key global issues impacting the industry and the world currently. Economic shocks of crises are seeing incomes vanish amid the pandemic and remittances dry up, while hunger and malnutrition increase, he warned. Meanwhile the impact of climate change and food security is damaging food systems, boosting vulnerabilities and multiplying risks. A lack of knowledge, skills, and health increases vulnerability to shocks and inhibits the ability to attain food security. Conflict and food security is another major issue considered the world's biggest cause of hunger, and it is on the rise globally, Gómez warned. Importantly, rising food costs are adding an unprecedented pressure globally. The blocking of Ukraine's ports has exacerbated issues related to already-rising food prices. A lack of resilience amplifies the impact of shocks like food-price spikes, etc.

As we speak the economic consequences continue to reverberate, he said. Soaring food and energy prices and broader inflation are hitting the most vulnerable the hardest—just as high debt and tightening global financial conditions make it even more

difficult for governments to support them. In addition, there is a sharply increased risk of the world fragmenting into geopolitical and economic blocks that could reverse decades of gains in living standards. And there is no pause button on the climate crisis while we deal with these other issues, Gómez said.



"Choose to drive the transformation ourselves. Take the leading role in shaping and building more sustainable energy systems that are more reliable and accessible."

Fernando J. Gómez

Head of Industry Communities Energy, Materials and Infrastructure, World Economic Forum



LEADERSHIP DIALOGUE 4: THE AGRI-NUTRIENT INDUSTRY'S INNOVATION DRIVE TO MITIGATE THE UNFOLDING FOOD CRISIS



Industry leaders Abdulrahman Shamsaddin, CEO, SABIC Agri-Nutrients, Abdulrahman Al-Suwaidi, CEO, QAFCO, Haroon Rahmathulla, COO, Fertiglobe, and Tim Cheyne, SVP – Global Head of Fertilizers, Argus Media, discussed the agri-nutrient industry's innovation drive to mitigate the unfolding food crisis in the final leadership dialogue of the 16th Annual GPCA Forum.

"The context in December 2022 is unprecedented," began Cheyne, as he highlighted the war in Ukraine and the looming food crisis affecting the food security landscape globally. The war is having a huge impact on energy prices, trade flows, and fertilizer prices. It is also contributing to the reorganization of the competitive landscape, depending on cost/price moves. The looming food crisis due to COVID effects, the Ukraine war,

and high crop input prices is also showing no signs of abating. Accelerated nutrient use efficiency (NUE) will accelerate fertilizer sustainability, Cheyne said. Fertilizers are unaffordable by historic levels despite higher crops prices, he added. Clean ammonia demand outlook by segment based on Argus' base-case scenario will be driven by power generation (73%), marine fuels (2%), traditional marine (10%) and H2 carrier segments (16%) which are expected to exceed traditional fertilizer and industrial uses in the run up to 2030. In 2050, marine fuels usage is expected to account for 61% of demand, followed by H2 carrier (24%), power (9%) and traditional marine fuels (6%).

INAUGURAL GPCA YOUTH FORUM



The first edition of the GPCA Youth Forum was held successfully on the sidelines of the 16th Annual GPCA Forum on 5-6 December 2022 in the Saudi Arabian capital, Riyadh. Held under the theme 'For The Youth. By The Youth.', the forum attracted over 250 young professionals and students from across the GCC.

Opening the forum was Mohammed Al-Akil, Sr. Sustainability Analyst, SABIC, while the welcome remarks were presented by Naser Aldousari, President and CEO, EQUATE Group.

Young delegates enjoyed a fantastic program filled with insightful leadership conversations and inspirational dialogues with some of the most successful changemakers among the region's youth. The event kicked off on 5 December with a dialogue with the first female Aerospace Engineer in the GCC and Special Advisor to the CEO of the Saudi Space Commission, Eng. Mishaal Ashemimry.

"You should fail, and fail often, because you will learn more from failures than success. It's better to have tried and failed, than not to have tried at all," Ashemimry told delegates.

As part of the forum's first Youth Majlis session, Reema Juffali, Saudi Arabia's first female racing driver, shared her experience in breaking barriers and advancing female diversity in the region.

"Six years ago I wouldn't imagine myself behind the wheel on the track, representing Saudi Arabia but with time it happened," Juffali said, encouraging young professionals to follow their dreams and persevere.



WATCH THE VIDEO

Faris Al-Obaid, Consultant to The State of Kuwait, and Advisor at The Office of H.E. The Secretary-General, General Secretariat of The Supreme Council for Planning and Development, highlighted to the forum's participants the value of reading and writing as a key tool to help them debate and showcase their side of the story to their peers. "Getting comfortable in uncomfortable situations shapes your character," he said.

Delegates also had the opportunity to hear from and meet with Othman Almoamar, Chairman of Y20 Saudi Arabia, the official platform bringing young voices together to the G20 leaders. Almoamar discussed ways in which the regional youth can adapt and embrace the technological progress to equip themselves with the skills needed in the future. In a session entitled 'See the 'Big Picture', he shared valuable insights with the delegates and provided them with first-hand knowledge on how to capitalize on the digital revolution to grow and develop their career.

As part of the second Youth Majlis session, delegates heard from industry leaders Dr. Mohammed Al-Mulla, Managing Director and CEO, QAPCO - Qatar Petrochemical Company, Mutlaq Almorished, CEO, TASNEE, and Abdullah S. Alsaadoon, CEO, SIPCHEM.

Dr. Al-Mulla encouraged participants to embrace creativity through the revolution of technology, while Al-Morished advised the youth to gain hands-on experience and learn a variety of skills. "We live in a competitive environment, [therefore] we need

to constantly keep up to date," he told delegates, reminding them that the only people in charge of their career journey are they themselves.

"Every problem is an opportunity for learning," Al-Saadoon concluded, highlighting the need to understand one's workplace objectives and the importance of working towards them.

The final session of the day was dedicated to sustainable development and preparing the GCC human capital for a net-zero future. Abdulaziz Al-Oudan, EVP – Corporate Human Resources, SABIC, said: "Sustainability extends to our organizations, teams, priorities and even families." His fellow panellist, Faisal AlBalushi, VP - People, Technology & Culture (PT&C), OQ RPI & Plastics, added: "Allow people to make judgements to adapt what they have learned."

"Sustainability and profitability go hand on hand," said Dr. Yves Morieux, MD & Senior Partner, Boston Consulting Group (BCG). "Our ultimate resources are not [material] things, they are human knowledge and intelligence," he added.

The forum's day one agenda ended on a high note with a special workshop hosted by Hasan Alkabeer, Partner, Boston Consulting Group (BCG) and Stefano Castoldi, Principal, BCG. On day 2 delegates enjoyed part 2 of the workshop and a Speed Mentorship session.



INAUGURAL GPCA SYMPOSIUM: DELIVERING OUR PLASTICS CIRCULARITY AMBITIONS



Value chain collaboration will be the catalyst for circular plastics solutions, said experts at the inaugural GPCA Symposium which was held on 7-8 December as part of the forum. Speakers emphasized on the role of society, brand owners, original equipment manufacturers (OEM), retailers, waste and recycling companies, technology providers, policy-makers, regulators and converters to work alongside the plastic industry towards addressing the plastic waste challenge.

Held under the theme “Delivering our Plastics Circularity Ambitions”, the symposium concluded on the sidelines of the forum after facilitating two days of knowledge sharing and strategic dialogues with influential decision-makers across the regional and global plastics value chain. The symposium showcased the efforts of the plastics industry in enabling a more sustainable and circular future.

On Day 1, 7 December, delegates heard from Naser Aldousari, President & CEO, EQUATE Group and Chairman, Plastics Committee, GPCA, who delivered the opening remarks. Stewart Harris, Senior Director, Plastics Division, ACC and Member of Management Committee, World Plastics Council (WPC), provided the latest updates on plastic policy issues at multilateral organizations, including UNEA 5.2 International Negotiating Committee (INC) and the International Maritime Organization (IMO)’s proposal to classify plastic pellets as dangerous goods, as well as the industry’s efforts in both cases to advocate our positions.

Abdullah Al-Otaibi, General Manager, ETP & Market Solutions, SABIC; Muayad Al-Faresi; Global Business Director – PET, EQUATE Petrochemical Company; and Anton Wolfsberger, Vice President, Global Marketing, Packaging & Circular

Economy, Borouge shared success stories from their respective organizations that are driving business model transformation towards circularity.

In the second day of the symposium, 8 December, delegates received insights into the latest trends, related to plastics recycling markets, from Egor Dementev, Senior Analyst, Plastics Recycling, ICIS. This was followed by a presentation from Sara Jackson, Executive Director, Green Ethics FZ LLC to showcase the value-chain collaboration projects, including GPCA, to drive circular economy policy and regulatory developments in Saudi Arabia and United Arab Emirates. Udit Arora, Head of Committees Affairs & Economic Research (A), GPCA also presented the progress being made under the Operation Clean Sweep® initiative to achieve zero pellet, flake and powder loss across the plastics value chain.

Jacob Duer, President & CEO, Alliance to End Plastic Waste presented on what is needed to put an end to plastic waste leakage in the environment and why this requires a collaborative effort. Duer was followed on stage by Nicholas Kolesch, Vice President Projects, Alliance to End Plastic Waste, who discussed the opportunities to address plastic waste in the Arabian Gulf region.

The symposium concluded with a panel discussion moderated by Hani Tohme, Senior Partner, Head of Sustainability MENA, Roland Berger; Jackson was joined on the panel by Bob Maughon, EVP, Sustainability, Technology & Innovation and Chief Technology and Sustainability Officer, SABIC; Marwan Frem, President, Napco National; and Jacob Duer, President & CEO, Alliance to End Plastic Waste.

UNRIVALLED NETWORKING OPPORTUNITIES



Having established itself as the most prestigious gathering of senior industry leaders in the region and globally, the Annual GPCA Forum offers an array of benefits including access to exclusive market intelligence, exposure to a highly targeted audience of senior decision makers and an opportunity to influence the chemical industry agenda.

It presents an array of opportunities to display your latest technologies and innovations, meet with existing and new customers and showcase your brand and capabilities in a vibrant business environment. Each year, the forum hosts one welcome and one gala dinner, offering exciting sponsorship opportunities to members and non-members alike.

The forum's exhibition area is a must-attend, attracting tens of exhibiting companies from around the region and globally.



NEW IN 2022

GPCA published five new reports on insightful and timely industry topics for members and delegates at the Annual GPCA Forum. It also released the quarterly edition of its *Insight* publication

and published a brand new poster about the chemical and petrochemical value chains.



The forum this year featured a specially curated GCC petrochemical industry journey wall which narrated the industry's key milestones since its inception back in the 1960s and

1970s. Delegates were also able to enjoy a special Hall of Fame featuring all the winners of the GPCA Legacy Award "Al Rowad" to date.

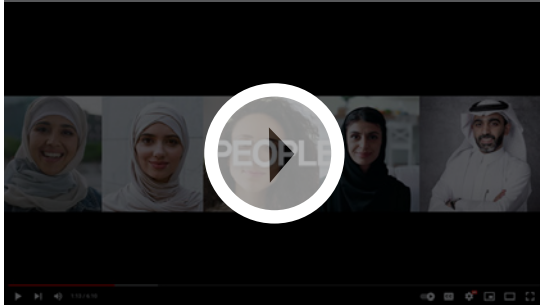


"The Annual GPCA Forum has put the GCC region on the map more than ever."

Frans Stokman
Executive Director, Petrochemicals Europe



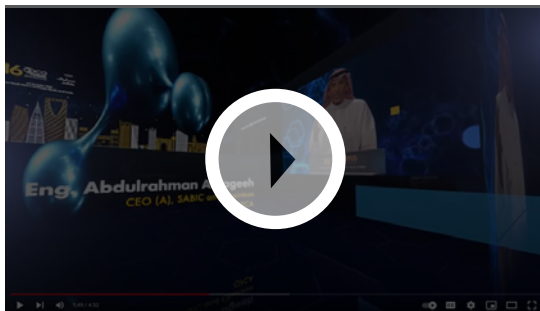
FORUM VIDEO HIGHLIGHTS



Forum curtain raiser video

The curtain raiser video at the Annual GPCA Forum set the scene for some of the themes and topics that were discussed during the three days of the event. The video addressed important issues ranging from net zero, technology adoption, talent development, innovation and food security.

WATCH THE VIDEO



Forum highlights video

Networking, knowledge sharing and thought leadership, are some of the key pillars at the Annual GPCA Forum and this edition was exceptional in facilitating one of its largest, most detailed programs to date encompassing several key forum features and welcoming prominent speakers and delegates from all over the globe.

WATCH THE VIDEO



Inaugural GPCA Youth Forum highlights video

The first edition of the GPCA Youth Forum was held successfully on the sidelines of the 16th Annual GPCA Forum on 5-6 December 2022 in the Saudi Arabian capital, Riyadh. Held under the theme 'For The Youth. By The Youth.', the forum attracted over 250 young professionals and students from across the GCC.

WATCH THE VIDEO



Inaugural GPCA Symposium highlights video

Held under the theme "Delivering our Plastics Circularity Ambitions", the symposium concluded on the sidelines of the forum after facilitating two days of knowledge sharing and strategic dialogues with influential decision-makers across the regional and global plastics value chain.

WATCH THE VIDEO



GPCA TV AND PODCAST



The GPCA TV and Podcast at the 16th Annual GPCA Forum was a major attraction for senior and c-suite executives to share their insight into the latest industry trends. This is the second edition in a row featuring the podcast in an audio-visual format during the forum, attracting speakers from the region and across the world for thought provoking interviews.

WATCH THE VIDEO



Hur Sung Woo
EVP, LG Chem



Jacob Duer
President and CEO, Alliance to End Plastic Waste



Hilal Al Kharusi
Chief Executive, Commercial & Downstream, OQ



Doug Kelly
President, Technology, KBR



Abdulrahman Shamsaddin
CEO, SABIC Agri-Nutrients



Mohammed Abdulrahman Al-Akil
Chairperson, GPCA Youth Council and Sr. Sustainability Analyst, SABIC



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THANK YOU TO OUR MEETING ROOM PARTNERS



THANK YOU TO OUR GPCA YOUTH FORUM PARTNERS



THE ANNUAL GPCA FORUM IN THE MEDIA

The Annual GPCA Forum enjoyed extensive media coverage in 2022, with **343 hits** reaching **166 million viewers** across global and regional online, print and TV platforms.

افتتاح المنتدى الخليجي للبتروكيماويات

يقيم وزير الطاقة الأمير عبد العزيز بن سلمان بن عبدالعزيز آل سعود، الكلمة الافتتاحية للـ 16th لمنتدى الاتحاد الخليجي للبتروكيماويات والكيمياويات (جيكا)، الذي سيعقد، تحت عنوان «الكيمياويات لتحقيق مستقبل مستدام»، والمرتبة الأول بالعاصمة السعودية الرياض، في الفترة ما بين 6 و 8 ديسمبر المقبل، وتضم الجلسة (سباك)، كما سيعرأس الجلسة الحوارية مع وزراء الطاقة في منطقة الخليج العربي.

وأوضح الدكتور عبد الوهاب السعدون: الأمين العام للاتحاد الخليجي للبتروكيماويات والكيمياويات (جيكا)، أن انعقاد المنتدى السنوي، لهذا العام، يتزامن مع ظروف استثنائية يمر بها العالم أجمع، حيث تواجه صناعة الكيماويات العديد من التحديات، بما فيها تغير المناخ، والأمن الغذائي، والاضطرابات الاقتصادية التي تخلق حالة من عدم اليقين حول ما سيكون عليه مستقبل الصناعة.

الدمام: الوطن

دعوة لاستغلال قطاع البتروكيماويات في تحقيق أهداف الاقتصاد الدائري

وزير الطاقة السعودي قال خلال منتدى «جيكا» إن دول الخليج أرض الفرص والطموحات دعوة لاستغلال قطاع البتروكيماويات في تحقيق أهداف الاقتصاد الدائري.

أكد وزير الطاقة السعودي الأمير عبد العزيز بن سلمان بن عبدالعزيز آل سعود، في كلمة افتتاحية له خلال المنتدى السنوي للبتروكيماويات والكيمياويات (جيكا) في الرياض، أن دول الخليج تمتلك فرصاً هائلة للاستثمار في قطاع البتروكيماويات، خاصة في ظل التحول العالمي نحو الاقتصاد الدائري. ودعا إلى استغلال هذا القطاع لتحقيق أهداف التنمية المستدامة، وخاصة الهدف 9 (الصناعة، الابتكار، والبنية التحتية) والهدف 13 (التغير المناخي).

وأشار إلى أن دول الخليج لديها جميع المكونات اللازمة لتصبح مركزاً عالمياً لصناعة البتروكيماويات، من حيث الموارد الطبيعية والبشرية، والبنية التحتية المتطورة. ودعا إلى تعزيز التعاون بين القطاعين العام والخاص، وتطوير البنية التحتية اللازمة، وجذب الاستثمارات الأجنبية المباشرة، لتحقيق النمو المستدام في هذا القطاع.

Oil minister heads Kuwaiti team

'16th GPCA Forum tackles issues related to petrochemical industry'

Earlier, Saudi Minister of Energy Prince Abdulaziz bin Salman Al-Saud inaugurated the forum, taking place from December 6-8 in the Saudi capital.

"The GCC is the land of opportunity, the land of the ambitious and the home of the determined," he told delegates in his inaugural address.

The Gulf Petrochemicals and Chemicals Association (GPCA) represents the downstream hydrocarbon industry in the Arabian Gulf. Established in 2006, the association voices the common interests of more than 250 member companies from the chemical and allied industries, accounting for 90 percent of the GCC's petrochemical production.

For his part, CEO of the association...

قادة الصناعة يؤكدون على دور دول المجلس في التحول بمندى جيكا

أكد قادة الصناعة في دول مجلس التعاون الخليجي، خلال المنتدى السنوي للبتروكيماويات والكيمياويات (جيكا) في الرياض، أن دول المجلس تلعب دوراً محورياً في التحول العالمي نحو الاقتصاد الدائري. ودعا إلى تعزيز التعاون بين دول المجلس، وتطوير البنية التحتية اللازمة، وجذب الاستثمارات الأجنبية المباشرة، لتحقيق النمو المستدام في هذا القطاع.

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Minister Al Kaabi takes part in GPCA forum

Minister of State for Energy Affairs H E Saad Sherida Al Kaabi took part in the 16th annual forum of the Gulf Petrochemicals & Chemicals Association held in Riyadh.

Minister Al Kaabi took part in the 16th annual forum of the Gulf Petrochemicals & Chemicals Association held in Riyadh. The forum, which was inaugurated by Minister of Energy Affairs H E Saad Sherida Al Kaabi, was held under the theme "Managing net-zero ambitions in the energy sector with growth".

Participating delegates are taking part in discussing developing policies to adopt lower carbon in the energy sector, driving the shift towards clean energy sources through innovative strategies, realising the future of the region to lead the evolution of Carbon Circular Economy, and the way forward for the GCC to lead the development of a hydrogen economy.

وزير الطاقة السعودي: «جيكا» نموذج ناجح للتعاون الخليجي المشترك

أكد وزير الطاقة السعودي الأمير عبد العزيز بن سلمان بن عبدالعزيز آل سعود، في كلمة افتتاحية له خلال المنتدى السنوي للبتروكيماويات والكيمياويات (جيكا) في الرياض، أن دول الخليج تمتلك فرصاً هائلة للاستثمار في قطاع البتروكيماويات، خاصة في ظل التحول العالمي نحو الاقتصاد الدائري. ودعا إلى استغلال هذا القطاع لتحقيق أهداف التنمية المستدامة، وخاصة الهدف 9 (الصناعة، الابتكار، والبنية التحتية) والهدف 13 (التغير المناخي).

وأشار إلى أن دول الخليج لديها جميع المكونات اللازمة لتصبح مركزاً عالمياً لصناعة البتروكيماويات، من حيث الموارد الطبيعية والبشرية، والبنية التحتية المتطورة. ودعا إلى تعزيز التعاون بين القطاعين العام والخاص، وتطوير البنية التحتية اللازمة، وجذب الاستثمارات الأجنبية المباشرة، لتحقيق النمو المستدام في هذا القطاع.

Kaabi takes part in 16th annual GPCA Forum

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#GPCAFORUM ON SOCIAL MEDIA



195,247

IMPRESSIONS



23,503

ENGAGEMENT



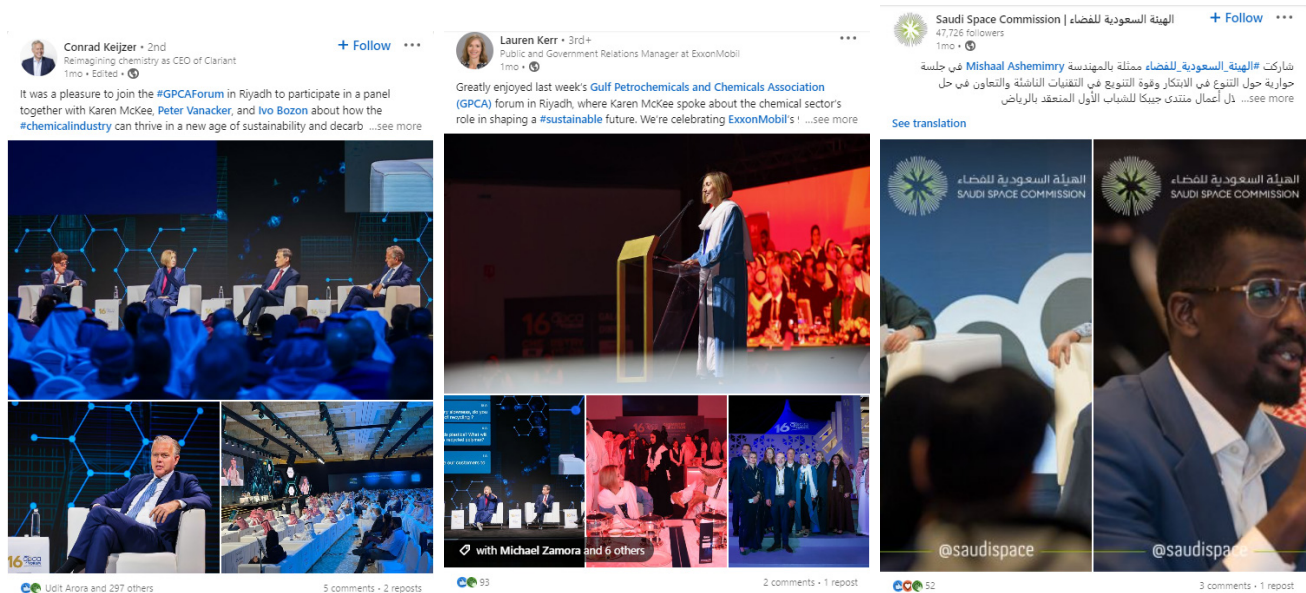
15,137

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OVER 75
POSTS

OVER 350
MENTIONS AND
RETWEETS

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MOBILE APP

The GPCA conferences app saw over 800 logged-in delegates during the event, 780 number of clicks and average engagement time is 43 minutes.



2,015

Total number of registered users



803

Total number of users who logged in



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