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## Sharjah opens region's first commercial-scale waste-to-energy plant



The Abu Dhabi Investment Office (ADIO) announced Wednesday individual partnerships with ANSR and Talent500 as part of its AED2 billion (US\$545 million) Innovation Programme to drive innovation in high-growth areas of the economy. Under the agreement, ADIO will provide the companies financial and non-financial incentives to support their growth in Abu Dhabi. [Read more on Page 4.](#)



The region's first waste-to-energy plant, which will be able to divert up to 300,000 tonnes of waste away from landfills each year, has been opened in Sharjah.

The Sharjah Waste to Energy plant has been set up by Emirates Waste to Energy, a joint venture between Sharjah environmental management company Beeah and Abu Dhabi renewable energy company Masdar.

First announced in 2018, the plant will enable Sharjah to increase its current landfill diversion rate from 76 per cent to 100 per cent, the company said in a statement on Tuesday.

Combusted waste will produce 30 megawatts of low-carbon electricity, enough to power 28,000 homes in Sharjah and save 45 million cubic metres of natural gas a year.

It also aims to make Sharjah the Middle East's first zero-waste city.

The deployment of the first commercial-scale waste-to-energy plant in the Middle East represents a "landmark achievement" in the UAE's sustainable economic growth trajectory, said Dr Sultan Al Jaber, the UAE's Minister of Industry and Advanced Technology and chairman of Masdar.

"By turning waste into energy, this new plant exemplifies the economic benefits of sustainable energy production and a low carbon development pathway ... the use of this technology reduces waste and landfill use, creates valuable low carbon energy and introduces a new sustainable industry to our region," he added.

The project will displace nearly 450,000 tonnes of carbon dioxide emissions, advancing the UAE's initiative to achieve net-zero emissions by 2050.

The UAE's net-zero strategy involves Dh600 billion (\$163bn) being invested in clean and renewable energy sources.





> es in the next three decades across the country.

Last month, Abu Dhabi also revealed its zero-waste proposal under which it aims to ensure that no waste is sent to landfill after 2071.

Officials said they planned to use satellites to track waste, open sorting centres that use artificial intelligence to separate rubbish from recyclables and use unmanned vehicles to clean the emirate’s streets.

The new Sharjah plant — designed, built and operated by France-based industrial contractor CNIM — follows the EU’s best available techniques to align with environmental standards globally, the statement said.

While producing energy from unrecyclable waste, the plant also has systems to improve energy efficiency and reduce water consumption.

It works by processing unrecyclable waste at high temperatures and the resulting heat is recovered by a boiler. The boiler then produces steam, which drives a turbine to produce electricity.

Bottom ash produced during the process is collected for recovery of metals and ash material, which can be used in construction and roadwork applications. Fly ash is also collected and treated separately.

“This is the type of practical innovation that the UAE is keen to promote along with domestic and international partners in support of commercially viable climate solutions, in particular as the nation prepares to host Cop 28 next year,” Dr Al Jaber said.

The waste-to-energy plant will not only support the UAE’s net-zero emissions objective, “it also addresses the vital issue of waste management — a major problem for many cities in the GCC”, Masdar chief executive Mohamed Al Ramahi said.

Emirates Waste to Energy, which is equally owned by Beeah and Masdar, said it plans to establish more plants across the UAE and the Middle East.

It is also exploring collaborations with international and local entities, including the UAE Ministry of Climate Change and Environment and the Ministry of Energy and Infrastructure.

<https://www.thenationalnews.com/business/2022/05/24/sharjah-opens-regions-first-commercial-scale-waste-to-energy-plant/>

## UAE participates in MENA Europe Future Energy Dialogue in Jordan



Suhail bin Mohammed Al Mazrouei, Minister of Energy and Infrastructure, said that the UAE, under the directives of its wise leadership, is continuing its pioneering efforts to forecast the future of the energy sector, in cooperation with its global partners, and has become a globally trusted energy supplier.

He made this statement during his participation as the head of a UAE delegation to the 'MENA Europe Future Energy Dialogue', which is being held at the King Hussein Bin Talal Convention Centre, Dead Sea, Jordan.

Al Mazrouei joined the Minister of Energy and Trade of the Czech Republic and the Egyptian Minister of Petroleum and Mineral Resources in a ministerial panel discussion on the prospects for partnerships between the Middle East and North Africa, during which they explored most prevalent global challenges and the future of energy, including climate change and digital tech solutions.

The UAE minister said that his country is continuing its work with international partners to shape the future of the energy sector, which is currently seeing great challenges due to current global geopolitical issues.

During his participation in the ministerial panel, he underscored the UAE's Net Zero by 2050 strategic initiative, which is a culmination of the UAE's efforts aimed



at helping mitigate climate change, and as well as its work to transform challenges in this sector into opportunities to build a brighter future.

Al Mazrouei said that the MENA Europe Future Energy Dialogue comes after the recent announcement of the Industrial Partnership for Sustainable Economic Growth with Jordan and Egypt, which confirms the UAE's firm approach to strengthening international partnerships for a more prosperous and stable future.

During the conference, which features around 700 participants from around the world and is organised by Jordan's Ministry of Energy and Mineral Resources, in cooperation with Germany, a joint declaration was signed by the participating countries announcing climate action ambitions in the MENA region.

The conference will also see the signing of agreements establishing road maps to build regional and continental bridges connecting energy markets, and establishing terms to develop bilateral and multipartite cooperation projects.

The UAE delegation includes Ahmed Ali Mohammed Al Balushi, UAE Ambassador to Jordan, a number of officials from the Ministry of Energy and Infrastructure, representatives from the Ministry of Climate Change and Environment and the Office of the UAE Special Envoy for Climate Change.

<https://www.wam.ae/en/details/1395303055903>

## ADIO's Innovation Programme brings ANSR and Talent500 to Abu Dhabi to shape future of work



The Abu Dhabi Investment Office (ADIO) announced Wednesday individual partnerships with ANSR and Talent500 as part of its AED2 billion (US\$545 million) Innovation Programme to drive innovation in high-growth areas of the economy. Under the agreement, ADIO will provide the companies financial and non-financial incentives to support their growth in Abu Dhabi.

ANSR and Talent500 will set up regional headquarters and innovation centres in Abu Dhabi aimed at developing technological solutions to support global workforce transformation. They will help establish engineering and R&D centres for some of the world's leading businesses and startups, a move that will attract global talent and establish Abu Dhabi as a regional powerhouse for innovation. ANSR is expected to invest more than US\$100 million over the next five years, creating hundreds of jobs in emerging technologies, including AI/ML, data analytics, product engineering and cloud.

As competition for talent heats up globally and distributed teams become mainstream in a post-pandemic world, leading enterprises are seeking out solutions to build and manage a global workforce, while setting up hubs in talent-rich locations. Abu Dhabi's supportive regulations and growing ecosystem make it an ideal destination to attract top professionals and businesses alike.

Abdulla Abdul Aziz Al Shamsi, Acting Director-General of ADIO, said, "With talent and teams increasingly mobile and global, organisations need new technologies and solutions to maintain a successful workforce. Being home to 200 nationalities

and a dynamic innovation ecosystem, Abu Dhabi understands that the future of work is being rapidly reshaped and is equipped to enable workforce transformation. ANSR and Talent500 are aligned with Abu Dhabi's vision of using innovation to address global challenges, and we are excited to support their growth through the Innovation Programme, which will enable us to drive meaningful progress in the global talent market."

ANSR is a market leader in establishing and operating global technology and innovation centres for leading companies. The company has helped businesses build transformational and strategic capabilities such as AI, analytics, cloud, mobile and product engineering, having hired 85,000+ professionals and overseen more than US\$1.5 billion of investment into scaling these technology centres. ANSR's investors include Evolve, Accel Partners and Sistema.

ADIO's Innovation Programme will support ANSR in setting up its EMEA headquarters, while simultaneously establishing "The Global Technology Hub", a leading destination for leading enterprises to attract top global talent and set up technology teams across AI, mobile, product and design.

Talent500's AI-driven technology platform empowers companies to discover, hire and onboard a global workforce. Its global talent network comprises 650,000+ curated professionals across more than 50 countries with a varied product, engineering and design skills.

As part of the Innovation Programme partnership, Talent500 will set up its Region-

al HQ and Global Product Development and Innovation Centre in Abu Dhabi with a leading R&D and technology team to continue its development of a world-class AI-enabled global sourcing solution. In addition, Talent500 will also expand its talent network to include professionals based in the UAE and around the GCC.

Additionally, ANSR and Talent500 will partner with local academic institutions, such as the Mohammed bin Zayed University of Artificial Intelligence, and established international universities to develop training, upskilling and internship programs in AI/ML, data and product engineering.

Commenting on the partnership, Vikram Ahuja, CEO of Talent500 and Managing Director at ANSR, said, "In a rapidly changing post-pandemic world, access to global talent will be a key differentiator for businesses. Abu Dhabi's attractiveness as a safe and stable location ranked high for ease of doing business, makes it an ideal global technology hub. We believe that this one-of-a-kind partnership between ADIO and ANSR-Talent500, will result in giant strides for attracting top global talent, upskilling local talent and creating a vibrant deep tech ecosystem in Abu Dhabi."

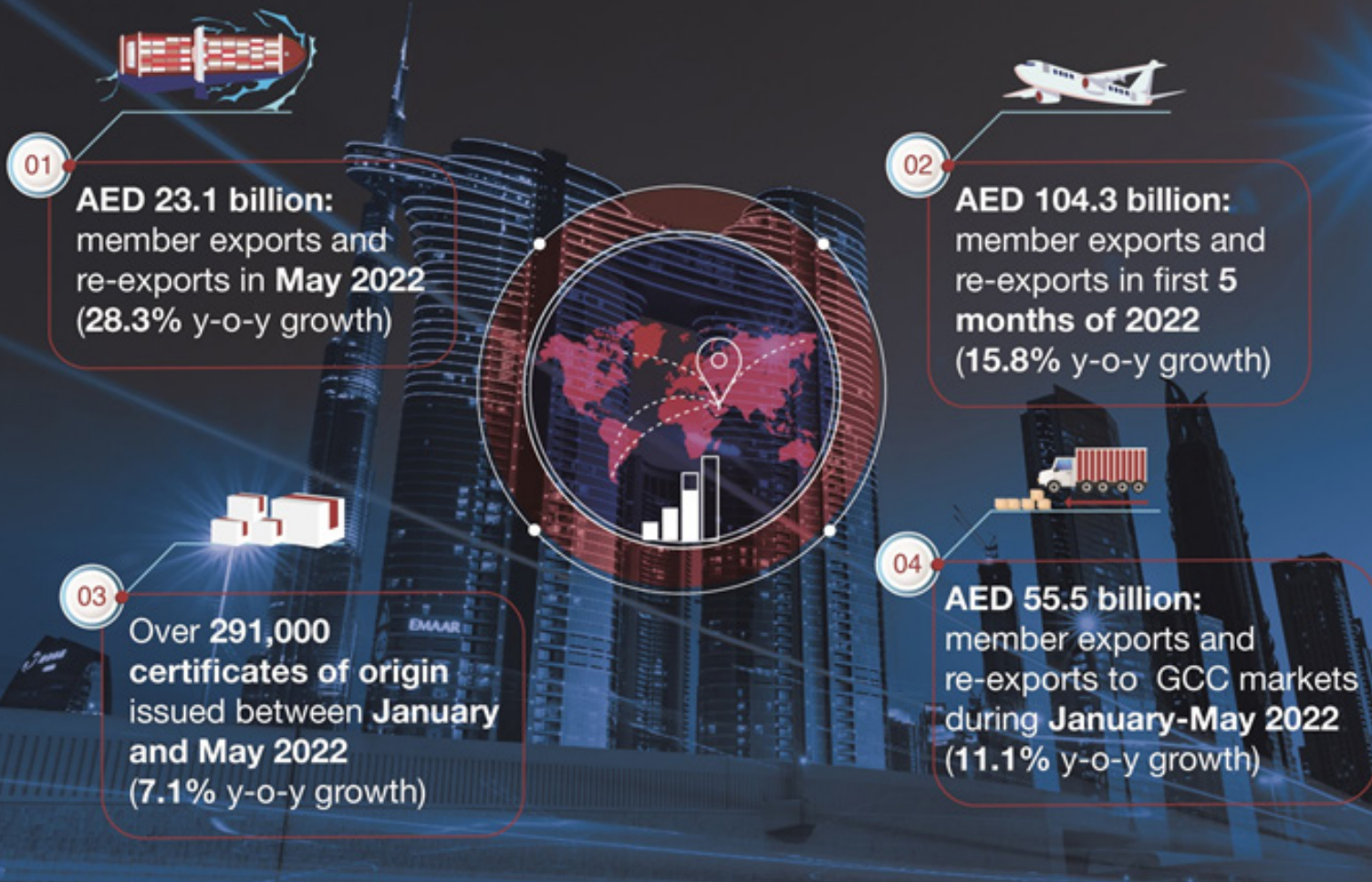
Lalit Ahuja, CEO, ANSR added, "ANSR is truly honoured and excited to partner with ADIO to transform the tech ecosystem in the region. With the rapidly changing global ecosystem, we're committed to contributing to the transformation of Abu Dhabi as a progressive and technology-led global technology location. We look forward to working closely with our portfolio of leading global businesses to set up their regional technology headquarters in Abu Dhabi in support of the emirate's vision of becoming a leading global technology hub."

In addition to supporting the development of global teams, Abu Dhabi welcomes talent from around the world to enjoy the stability, high quality of life and growth opportunities it offers. Leading the emirate's efforts to attract talent and integrate the international and local communities is the Abu Dhabi Residents Office, which advocates for international residents and helps them settle into Abu Dhabi.

<https://www.wam.ae/en/details/1395303055649>

# Dubai Chamber of Commerce

## Member exports and re-exports (May 2022)



Dubai Chamber of Commerce, one of three chambers operating under Dubai Chambers, announced that the value of member exports and re-exports grew 28.3% year-on-year (YoY) to reach AED23.1 billion in May 2022, marking the highest level since August 2018.

Member exports and re-exports amounted to AED104.3 billion between January and May 2022, achieving 15.8% YoY growth when compared to the same period last year. Over 291,000 certificates of origin were issued by the Chamber in the first five months of this year, recording a growth of 7.1% YoY.

His Excellency Abdul Aziz Al Ghurair, Chairman of Dubai Chambers, said that growth in member exports reflects the positive impact of the Chamber's successful approach to identifying growth opportunities in promising markets. Such efforts support the objectives of Dubai's strategic plan to boost foreign trade by up to AED2 trillion in five years, as earlier announced by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, he said.

Al Ghurair added that the Chamber's smart services, market intelligence and network of international offices have enabled member companies to diversify export markets, streamline trade processes and make informed business decisions.

His Excellency Hamad Buamim, President & CEO, Dubai Chambers, said the strong trade performance of member companies in the first five months of 2022 signals a rise in business confidence and Dubai's growing economic competitiveness. He added that the latest figures reflect the agile nature of the emirate's business community, which has been able to navigate new challenges and reposition for recovery in the post-pandemic period and beyond.

Chamber member exports and re-exports to GCC markets between January and May 2022 amounted to AED55.5 billion, marking a 11.1% YoY increase compared to the same period in 2021. Member exports and re-exports in May 2022 reached AED 12.6 billion, marking a 12.1% increase compared to the previous month.

As per the Chamber's report, GCC countries accounted for 55% of the total exports and re-exports of the members in May 2022. Member exports and re-exports to the top 10 markets outside the GCC jumped 20.5% to reach AED31.5 billion YoY in the first five months of 2022.

In May alone, exports and re-exports of Chamber members in the same category recorded a growth of 16.3% YoY to reach AED6.6 billion.

<https://www.mediaoffice.ae/en/news/2022/June/13-06/Dubai-Chamber-of-Commerce-member-exports-grow>



## Towards a New Energy Era

Ahmed Al Rumaithi: DoE adopts innovative policies to achieve Abu Dhabi's vision for a more sustainable future



A new Hydrogen Policy and Regulatory Framework in Abu Dhabi this year



Abu Dhabi aims to invest at least **AED80 billion** in the energy sector by 2050, of which **more than two-third** will be coming from clean and renewable energy



In 2021 alone, Abu Dhabi invested **AED18 billion** in the electric power generation sector



Raising awareness about electricity distribution network and refurbishing buildings for charging electric vehicles in Abu Dhabi



Electric vehicles are an important means for promoting environmental sustainability and reducing emissions



Standards set for establishing a network of charging stations for electric vehicles in Abu Dhabi in public, private, and home parking



Some **195 million cubic metres** of recycled water was used for irrigation in 2021

## UAE tops global list of more than 100 countries for overall business skills proficiency

The UAE has 642,000 Coursera learners with a median age of 34 years. Of them, 42 percent are women, and 44 percent are pursuing learning on mobile devices



The UAE has risen to the top of global rankings in terms of overall business skills proficiency, according to Coursera's latest Global Skills Report.

In last year's report, the country ranked second in the world and led the Middle East and North Africa (MENA) region.

The Global Skills Report draws data from 100 million learners in more than 100 countries who have used Coursera to develop a new skill during the past year. In the report, the countries are ranked against one another, with percentile rankings attributed to each skill proficiency. A country that shows 100 percent skills proficiency ranks at the top of the 100+ countries, and a country at 0 percent is at the bottom.

The vice president for EMEA at Coursera, Anthony Tattersall, said: "The UAE has been preparing for the post-oil era with a more diversified, high-skill economy. This bet has paid off, with business proficiency levels in the UAE leading the region for the second year in a row.

"However, education leaders must focus on addressing gaps in technology and data science skills, which are a strategic imperative to accelerate digital transformation."

The report benchmarks three of the most in-demand skill areas driving employment in the digital economy – business, technology, and data science, with rankings of:

- » 75 percent or above as cutting-edge,
- » 50 percent to 75 percent as competitive,
- » 25 percent to 50 percent as emerging, and
- » 25 percent or below as lagging.

Learners in the UAE were placed in the top 100 percentile, compared to their peers globally, in several areas of business skills, such as leadership and management, strategy and operations, communication, human resources, and entrepreneurship.

The skill strengths in these areas demonstrate their ability to leverage opportunities and address challenges, and in turn, contribute to the economic development of the country.

Tattersall added: "Following the pandemic, we have seen two trends gain traction globally – the Great Resignation and increased automation of work processes. These have also underlined the need for more investment in nurturing human capital, with priority placed on enhancing digital and human skills required for a competitive workplace.

"Our data shows that students and employees need fast-tracked training pathways to prepare them for digital jobs today and for the future, and in turn support the national development goals."

The UAE has 642,000 Coursera learners with a median age of 34 years. Of them, 42 percent are women, and 44 percent are pursuing learning on mobile devices, according to the report.



**What kind of skills are employers looking for in this age of rapid transformation?**

The report also found that UAE learners are highly proficient in marketing (92 percent), accounting (90 percent), and sales (80 percent), and have competitive skill sets in finance (56 percent).

However, proficiency in technology and data science can be further improved to support the digital transformation goals of the nation, as the UAE ranked 69th globally in technology proficiency and 67th in data science.

UAE learners also showed proficiency in security engineering – at 89 percent – a strong skill that supports the evolution of cybersecurity programs and initiatives.

Learners in the UAE also had competitive skills in databases and operating systems (57 percent each), and computer networking (56 percent), but only emerging levels of skills in web development (41 percent), computer programming, and cloud computing (34 percent each) and software engineering (29 percent).

The 2022 Global Skills Report highlights a lag in mobile development skills (17 percent).

In data science, UAE learners have cutting-edge proficiency in mathematics (75 percent) and are competitive in data analysis (60 percent).

However, skills can be accelerated in machine learning (now at 13 percent) and in areas such as statistical programming (38 percent), data visualisation (48 percent), and data management (43 percent).

**Global trends in key business skills**

» Entry-level or “gateway” certificate course enrollments among women reached 40 percent in 2021, up significantly from 25 percent in 2019.

Certificates, such as Google IT Support and Google Data Analytics, provide a clear pathway to gain skills needed for high-demand, entry-level digital jobs.

These courses require approximately 240 total learning hours, which can be completed in just six months at 10 hours per week.

» There is a strong correlation between skills proficiency, GDP, and broadband access. Wealthier countries scored higher in overall skills proficiency, matched by those with high levels of internet access.

» Developed countries saw more learners acquiring human skills including change management and resilience.

Learners in developing countries were more focused on digital skills

through courses like supply chain systems and mobile architecture.

» The most popular business and technology skills globally in the last year were leadership and management, probability and statistics, and theoretical computer science.

For the second year in a row, Switzerland had the highest-skilled learners followed by Denmark, Indonesia, and Belgium.

» Learners also focused on courses that develop the skills needed to understand the Covid-19 pandemic.

Enrollment in courses that cover epidemiology and risk management is now four times higher than it was prior to the pandemic.

With over 100 million learners, 7,000+ institutions, and more than 5,000 courses from 250 of the world’s leading universities and industry educators, Coursera has one of the largest data sets for identifying and measuring skill trends.

<https://www.arabianbusiness.com/culture-society/uae-tops-global-list-of-more-than-100-countries-for-overall-business-skills-proficiency>



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#UAE tops Arab countries as best FDI attraction hub  
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Non-oil trade between the #UAE and #Germany has exceeded \$130.13 billion (AED 478 billion) from 2012 through 2021, according to data released by the Federal Competitiveness and Statistics Centre . Learn more:



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Non-oil trade between the UAE and Germany climbs to \$130.13 billion over the ... Cars ranked first on the list of the most important goods imported from Germany during 2021 at a value of approximately \$11.7 billion Non-oil trade between the ...

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#UAE joins 'International Partnership for #Hydrogen and Fuel Cells in the Economy'.  
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DEWA launches Smart Grid Report 2022

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DP World

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**The National** @TheNationalNews

UAE Ministry of Finance announces second auction of federal treasury bonds will be held on June 20, as the government continues to strengthen liquidity in the secondary market



thenationalnews.com  
UAE to hold second auction of dirham treasury bonds on June 20 Latest sale aims to increase the volume of individual bonds and improve liquidity in the secondary market, says Ministry of Finance

1:28 PM - Jun 18, 2022 - Echobox

**The National** @TheNationalNews

Dubai's #Expo2020 site will be transformed into environmentally friendly #ExpoCity and will represent Dubai's ambitions, says Sheikh Mohammed bin Rashid, Vice President and Ruler of Dubai

Full story: [news.ae/30aYs3g](http://news.ae/30aYs3g)



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UAE President at Major Economies Forum: Peace and Collaboration Essential for Sustainable Economic and Social Development  
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The Dubai Electricity and Water Authority Research and Development Centre has filed a new patent to add to its previous four.

Learn more:



arabianbusiness.com  
DEWA's new patent to boost UAE energy security by 'solving major challenge' ... This is the fifth patent to be filed by Dubai Electricity and Water Authority's Research and Development Centre DEWA's new patent to boost UAE energy ...

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**Publisher**  
Embassy of the  
United Arab Emirates  
Hiroshimastr. 18-20  
D-10785 Berlin

Telefon: + 49 (0)3051651451  
[www.uae-embassy.ae](http://www.uae-embassy.ae)

@uaeinberlin  
 @uaeinberlin  
 @uaeinberlin

Ghorfa Arab-German Chamber  
of Commerce and Industry e.V.  
Garnisonkirchplatz 1  
D-10178 Berlin

Telefon: + 49 (0)30278907-0  
[www.ghorfa.de](http://www.ghorfa.de)

@Ghorfa\_Germany  
 @Ghorfa  
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**Ambassador**  
H.E. Hafsa Al Ulama

**Secretary General**  
Abdulaziz Al-Mikhlafi

**Editor**  
Khalfan Al Matrooshi  
Ahmed Shalaby

**Layout:**  
Ghorfa Team