# CLIMATE CLIMATE CHANGE CHALLENGE CHAMPION



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#### **ADVANCING HEALTH IN ARAB COUNTRIES**



#### OUR VISION.

- ► Advance Health in the Arab Countries
- ➤ The AHF leads, represents and serves Hospitals, Health systems and other related organizations to raise quality, safety, efficiency, good governance, strong leadership and Excellence to improve the Arab Health sector.
- ► Contribute in setting policies, promoting performance and improving Healthcare services.

#### **•OUR MISSION•**

- Leading through crisis, enhancing safety and quality, managing resources, building capacity.
- Developing and implementing value based care delivery practices and strategies.











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#### AHF BOARD FOREWORD

We must lead the change in Healthcare to manage the climate crisis....

Leading the Healthcare sector towards sustainability and facing Climate Change challenges of today and tomorrow are among the AHF aims.

During COP 27, Many Heads of State from Arab Countries recognized that Climate change is a growing health threat around the world contributing in many problems and the healthcare industry is part of the problem as researches show that Health sector contributes to the global climate crisis and the Hospitals and all Healthcare services must play a dynamic role in leading Healthcare towards sustainability.

In this context, The AHF has launched the Gold Initiative certificate, a new edition for 2022 having the theme of: "Arab Healthcare Climate Change Challenge Champion" that honors Healthcare sector, Leaders & Institutions committed to effective climate action by building collective impact using innovation, investment, influence, commitment to reducing carbon emissions and supporting clean and renewable energy initiatives and projects, as well leading Healthcare sector towards sustainability. And has published a recommendation White paper for Healthcare sustainability dedicated to the Arab Healthcare sector.

For this edition, we are honored that 47 hospitals and healthcare organizations from 9 Arab countries have spared the time and deployed efforts to participate in this unique project the Gold Initiative and we are proud that 10 Candidates have been selected as winners. These candidates ranged from relatively standalone hospitals, to major acute general hospitals, national health and hospital networks, and health authorities in different Arab Countries.

They have led the way to sustainability in different aspects and have spared no efforts to be green and mitigate the Climate change challenge. This Initiative shines a light at the successful stories of the organizations in their commitment to sustainability and aims to share experience and knowledge with other Arab healthcare organizations.

The Arab Hospitals Federation, in addition to the winners certificates, has granted four recognition awards to personalities or institutions that deployed efforts to reach success for this initiative and raised highly the Sustainability Culture in the Arab Healthcare sector.

We will continue our commitment to advance health in Arab countries by joining efforts with the Arab ministries of Health, Healthcare bodies & organizations and the various stakeholders to face the climate challenge and spare the patients, hospitals, health systems and community from its consequences. As well we will provide a platform where the Arab healthcare community can share their knowledge and improve their performance in catering to the needs of the Arab patients.

Finally, The Arab Hospitals Federation would like to commend all those that have participated in the Gold Initiative "Arab Healthcare Climate Change Challenge Champion" for their efforts in facing the climate challenge and driving the needed transformation to confront this crisis.

We are extremely grateful to our members, partners, sponsors and supporters who have helped make this certificate a big reputable success.



Arab Hospitals Federation





Arab Hospitals Federation





**GE Healthcare** 



GE Healthcare is a leading global medical technology and digital solutions innovator.

GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 50,000 employees globally, the company operates at the center of an ecosystem working toward precision health, digitizing healthcare, helping drive productivity and improve outcomes for patients, providers, health systems and researchers around the world.

Follow us on Facebook, LinkedIn, Twitter and Insights or visit our website www.gehealthcare.com for more information.





#### **EHAB ZAWAIDEH**

### GENERAL MANAGER MIDDLE EAST GE HEALTHCARE

"To support a more sustainable future in the healthcare sector, we must look for ways to help health systems improve efficiency and reduce waste. With staffing shortages and an increasing number of patients intensified by the pandemic, the healthcare industry must find ways to better use existing resources to deliver care to more patients.

As a leading medical technology and diagnostics innovator, we are developing efficiency features and leveraging digital to turn even the largest pieces of medical equipment into devices that make a smaller mark on our planet. We are supporting the Middle East's healthcare industry with solutions that provide a real time, comprehensive view of patients' status across a selected care area, hospital, or the entire health system. By doing so, we are enabling the healthcare industry to reduce its carbon footprint and support countries to achieve their climate goals while also helping clinical teams to deliver responsive, timely, and compliant care.

For years, we have focused its efforts on developing medical equipment with best-in-class image quality and advanced software to increase diagnostic confidence, but we are challenging ourselves to be better. One example is the development of a new magnetic resonance system, which is designed to lower the use of helium in the system, a scarce and non-renewable resource, by up to 67%. The current version of the magnet is 2 tons lighter than its predecessor. We have also enabled medical staff to easily decrease the power consumption of the MR and reduce scan time by up to 50%, saving both resources and improving the patient experience.

Changing the way healthcare is currently delivered around the world will contribute to a more sustainable future for all."

#### We deliver sustainable, intelligently efficient solutions for a resilient tomorrow.

Building a healthier world to help improve access to care and enable better patient outcomes.



# Green Using fewer resources for a healthier planet. Digital Transforming healthcare through innovation. Resilience Building flexibility and dependability across healthcare systems.



# 03

# HONORARY JURY MEMBERS

#### **JURY MEMBERS**

#### **CHAIRMAN OF JURY**



**Dr. Bassam Kaddissi**Executive Council Member
Head of Healthcare Facilities
Design- AHF

#### **HONORARY JURY MEMBERS**



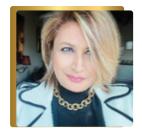
MP. Fadi Alame President - AHF Lebanon



**Prof. Tawfik Khoja** General Secretary - AHF KSA



**Mr. Mohamad Al Noimi**Vice President - AHF
Qatar



Alice Yammine Boueiz
Chief Executive Officer
AHF - Lebanon



**Dr. Ahmed El Sobky**Chairman

General Authority

of Healthcare- Egypt



**Dr. Fawzi Al Hammouri**President

Private Hospitals

Association - Jordan



**HE. Hind Al Zaabi** Governing Council Member AHF - UAE



**Dr. Ashraf Ismail**Chairman - General Authority
for Healthcare Accreditation &
Regulation - Egypt



**Dr. Youssef Bassim**Executive Council Member
Head of Digital Health
Dep. - AHF



**Dr. Mireille Khalil**Head of Organizing
Committee - AHF





Following the success of the previous editions of the "Gold Initiative" certificate that awarded in 2020 & 2021 Recognition certificates to 19 winning Organizations from 8 Arab countries for their efforts in facing COVID 19 Pandemic and overcoming it and further to the great reputation acquired in the last initiatives that positioned it as one of the best evaluation project made during COVID, The Arab Hospitals Federation has launched the new edition of the Gold Initiative under the theme of "Arab Healthcare Climate Change Challenge Champion" simultaneously with COP 27 addressed to Organizations (Leaders, Health authorities, Hospitals, Primary Healthcare centers, Academic Bodies, Medical and Pharmaceutical Companies.... ) for their commitment to environmental stewardship and their sustainability achievements.

This initiative recognizes and honors the Healthcare sector, Leaders & Institutions committed to effective climate action on various levels and that are contributing to confront this new challenge and drive the transformation towards sustainability.

Through this edition, AHF tried to cover many Categories related to the climate change challenge in order to reach all segments of sustainability and to recognize the efforts done at all levels to face this challenge.

The certificates were divided in 7 categories from which each candidate was able to choose the ones he would like to apply for.

The candidates' files were than submitted to the jury who define the winners in the specific categories and the ranking for each winner.

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#### HEALTHCARE SUSTAINABILITY WHITE PAPER

Presented by Dr. Bassam Kaddissi The Chairman of the Jury of the AHF Gold Initiative Certificate & AHF Executive Council Member

Your Excellences, Ladies and Gentlemen,

Greetings from the Arab Hospitals Federation,



The chairman of the jury for the AHF gold Initiative certificate is pleased to put in your hands the recommendations of the Healthcare sustainability paper launched by the Federation simultaneously with The 2022 United Nations Climate Change Conference (COP27) held in Sharm El-Sheikh from 6 to 18 November 2022, which set its goals and recommendations to serve the Arab Healthcare sector, hoping that it will meet your expectations and receive your appreciation and support.

This week, The 2022 United Nations Climate Change Conference (COP27) started its discussions and negotiations in Sharm El-Sheikh - Egypt to save the planet and all life on it from the catastrophic consequences of climate change.

This important Conference must find ways to address the climate crisis in a realistic and comprehensive manner in order to fulfill the terms of the 2015 Paris Agreement against a turbulent global background shaped by many geopolitical & economical crises.

Countries will assess progress towards the agreed goal of limiting global warming to 1.5°C above pre-industrial levels. Achieving the goals has enormous benefits for human health as climate action must be placed in the context of the Sustainable Development Goals (SDGs), which must be achieved without delay by 2030 as agreed by world leaders at a special United Nations conference in September 2015.

Unfortunately, the crisis has only gotten worse since than according to the latest report from the UN Intergovernmental Panel on Climate Change (IPCC), the world continues to deviate by an alarming degree from its emissions reduction targets, instead of a 45 percent drop by 2030, the emissions will increase about 14 percent.

Climate change is a growing health threat around the world contributing in many problems and the healthcare industry is part of the problem as researches show that Health sector contributes to the global climate crisis and the Hospitals and all Healthcare services must play a dynamic role in leading Healthcare towards sustainability.

Globally, air pollution causes seven million preventable deaths each year, and high heat causes another five million. In addition to responding to the effects of the climate catastrophe, health systems are also accountable for gigatonnes of carbon dioxide equivalent, or 4-5% of all worldwide net emissions and Hospitals & pharmaceutical companies are the largest drivers of emissions, in addition to the impact of medical waste, unsustainable materials and anesthetics used in surgery, which are greenhouse gases.



When I was Nominated as the chairman of the Jury of the Gold Initiative certificate of: "The Arab Healthcare Climate Change Challenge Champion" launched by the Arab Hospitals Federation, my aim was through this ambitious initiative to drive hospitals' role in creating incentives for change, fostering healthy communities, enhancing environmental impact, supporting the economy and promoting innovative models of care, as well in spreading & implementing the Strategy of the "new vision for Healthcare facility design" launched by AHF following Covid - 19 pandemic that promotes green, smart, safe, and Resilient Hospitals...

Climate change, health, and health equity are inextricably linked, and I was inspired by the thoughtful contributions from leaders in the world who understand the importance of addressing these issues together. The design of eco-friendly, energy-efficient, and green construction projects is gaining care especially in the hospitals field. The "Green Hospital" concept leads the healthcare facilities to redefine how these facilities are built to protect the environment while saving human lives.

In the Arab Hospitals Federation, we believe that joining efforts with the Arab ministries of Health, Healthcare bodies & organizations and the various stakeholders is essential to face this new challenge, as well to commit and encourage Healthcare leaders in driving this transformation will let us reach the goal to confront this crisis and spare the patients, hospitals, health systems and community from its consequences.

This is exactly what we learned from Covid -19 pandemic that has had a profound impact on humanity and the world economy in 2020, and it has taught us that it is possible for the world to come together for an important cause.

From our side, and after what we went through during Covid-19 pandemic and witnessed the challenges of healthcare facilities in facing the crisis in all aspects especially the flexibility of hospital design to accommodate patients infected and non-infected in addition to many other problems, the AHF launched in 2022 the strategy of the "new vision for Healthcare facilities design" that aims to play an important role in setting a new approach for building design & construction in which it addresses the impact of the climate crisis on the health sector in order to reach the Sustainable Development Goals 3, 7 and 13.

As well it launched the Gold Initiative in its new edition under the theme of the Arab Healthcare Climate Change Challenge Champion in which we received a huge numbers of submissions from the Arab Healthcare Institutions that showed us through their papers and projects a good model and excellent example for Healthcare sustainability in our Arab Countries.

Therefore, and in the occasion of the COP 27 conference that is held in Egypt this year and COP 28 conference to be held next year in Abu Dhabi, we are all committed to contribute to save our planet and to encourage our Healthcare facilities to confront the challenge and to spread the Awareness and the culture of Healthcare sustainability in Arab world.



In line with all the efforts deployed today at COP27, and on based on all the points mentioned in the strategy of the new vision for the healthcare facilities design and through the gold initiative certificate, we submit here below to your Excellency through this paper, the most important recommendations presented to the Arab Healthcare sector on which we will work hardly with all stakeholders to implement:

- Encouraging dialogue with all stakeholders to adopt an environmental sustainability policy for health systems.
- Creating unique, comprehensive and reliable Healthcare Sustainability framework for Healthcare Institutions and Health sector that will promote sustainability, effectiveness of care, accountability, and encourage the Healthcare facilities to protect the environment while saving human lives.
- Assessing the Arab Healthcare Institutions in Public & Private sector by our experts according to the Healthcare Sustainability framework to have a future green Health.
- Increasing the awareness campaign on Healthcare sustainability.
- Committing leaders and developing their leadership skills to respond effectively to climate change.
- Engaging the health workforce as an advocate of sustainability.
- Boosting innovation and encouraging investments in healthcare sustainability by building green hospitals, Managing Healthcare & Pharma waste, Reducing Water Consumption, using alternative sources of energy and others ...
- Leading the efforts in the development of Energy Efficiency & Renewable energy to help Healthcare Institutions to implement it.
- Reducing stress on patients, staff & visitors by using Natural lights and the green areas around hospitals which have a therapeutic impact through the architectural and landscape design.
- Promote sustainable procurement through an efficient supply chain.
- Initiating cooperation and partnerships between the various stakeholders to face this challenge.
- Bring world class solutions and ideas to the Healthcare Sector to move towards green hospital.

We will work hard with your Excellency on all these topics, to implement them and follow them, and we are confident that the above mentioned issues will undoubtedly be raised in the context of the wide program of the Sharm el-Sheikh COP27 that Egypt planned, in which the healthcare officials present in COP 27 will have the greatest impact especially that the Director General of the World Health Organization Dr. Tedros Adhanom Ghebreyesus expressed the need to urge leaders and policy makers together to put health at the center of negotiations and to fulfill their pledges.

Egypt has worked closely with the five economic regions of the United Nations, Climate Pioneers and specialized financial and advisory institutions to prepare lists of projects that deserve investment and financing and of course the health care sector was one of the main priorities.



#### THE GOLD INITIATIVE WINNERS

This initiative recognizes and honors the Healthcare sector, Leaders & Institutions committed to effective climate action on various levels and that are contributing to confront this new challenge and drive the transformation towards sustainability.

Faced with many challenges and mainly the Climate Change, the Arab Healthcare Institutions are joining efforts to face this crisis, as well the Healthcare leaders are working hardly to drive the transformation towards sustainability and their efforts need to be appreciated, encouraged and recognized by all.

The Arab Hospitals Federation is recognizing 10 healthcare organizations and bodies from 9 Arab countries throughout 7 categories for their actions in mitigating environmental impact, adapting the healthcare facility design to be more sustainable, promoting green hospitals, leading the transformation towards sustainability and adopting climate smart healthcare providers and aiming to have the rising Sustainability Star.

The following list contains the recognized institutions.

Sustainable Healthcar	e Facility Design Certificate	
	Organization	Country
DIAMOND CHAMPION	Al Moosa Specialist Hospital	KSA
_	Bellevue Medical Center	LEBANON
_	Ambulatory Healthcare Services	UAE

Visionary Leader in Healthcare Sustainability		
	Organization	Country
GOLD CHAMPION	Department of Health Abu Dhabi	UAE
	Egypt Healthcare Authority	EGYPT
	Al Moosa Specialist Hospital	KSA
	Bellevue Medical Center	LEBANON

<b>Green Hospital Certific</b>	cate	
	Organization	Country
DIAMOND CHAMPION	Cleveland Clinic Abu Dhabi	UAE
-	Sharm El Sheikh International Hospital	EGYPT
	Bellevue Medical Center	LEBANON
GOLD CHAMPION	Al Moosa Specialist Hospital	KSA
-		

#### THE GOLD INITIATIVE WINNERS

Climate-Smart Healthcare Certificate		
	Organization	Country
GOLD CHAMPION	Department of Health Abu Dhabi	UAE

Renewable Energy & E	Energy Efficiency Certificate	
	Organization	Country
DIAMOND CHAMPION	Bellevue Medical Center	LEBANON
GOLD CHAMPION	Amana Healthcare	UAE

Water, Waste & Reso	ource Management Certificate	
	Organization	Country
GOLD CHAMPION	Saudi German Hospital Cairo	EGYPT
	Amana Healthcare	UAE
	Bellevue Medical Center	LEBANON

Country
Country
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bu Dhabi UAE
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RECOGNITION AWARDS	
	Personality / Organization
DISTINGUISHED AWARD IN GOVERNANCE & SUSTAINABILITY	HE. Jamal Al Kaabi - Undersecretary DOH - UAE
TOP AWARD IN SUSTAINABILITY COMMITMENT	GE Healthcare
HEALTHCARE SUSTAINABILITY PERSONALITY AWARD	Dr. Bassam Kaddissi - Chairman of the GI Jury Committee
SUSTAINABILITY EXCELLENCE AWARD	Bellevue Medical Center - Lebanon



#### The Department of Health - Abu Dhabi (DoH)



The Department of Health - Abu Dhabi (DoH), the regulator of the healthcare sector in Abu Dhabi, is committed to ensuring excellence across the healthcare sector while monitoring the health status of emirates population. DoH shapes the health system framework by inspecting against regulations, enforcing standards, and encouraging the adoption of world-class best practices across all healthcare service providers in the emirate. DoH also drives programmes to increase awareness and adoption of healthy living standards among the residents of Abu Dhabi in addition to regulating scope of services, premiums and reimbursement rates of the health system in the Emirate. The main objective of the department is to accommodate the healthcare needs of the community and ensure the continuous progress of technologies and innovation that will enhance the way the sector and related healthcare facilities operate.

Today, DoH is among the key healthcare bodies globally and has carved its position on the international map as a leader in excellence and standardization.

The Department operates upon seven key priorities that underpin the constant goal of improving the health and well-being of Abu Dhabi's community through prevention and access to integrated, innovative, high-quality and cost-effective healthcare. The seven priorities include keeping the population healthy mentally and physically, maintaining position as a leader in care excellence, sustaining a financially stable healthcare system, achieving a strong home-grown healthcare workforce, positioning Abu Dhabi as a leader in life science and innovation, leading a digital healthcare ecosystem and ensuring robust governance of the healthcare sector.

Fast forward 50 years, Abu Dhabi's healthcare system has succeeded in attracting some of the world's most renowned healthcare bodies and excelling healthcare professionals. Today, the Emirate is home to over 1556 healthcare facilities that offer world-class health services to our community and beyond. Abu Dhabi's healthcare system has also become a leading model regionally and internationally with its unique response to the COVID-19 pandemic.

In recognition of its advanced and solid healthcare infrastructure, commitment and leadership, it has emerged on the global stage by topping the world based on distinguished international classifications.





#### H.E. ABDULLA BIN MOHAMED AL HAMED

CHAIRMAN
DEPARTMENT OF HEALTH
ABU DHABI

"We are proud to have earned the esteemed Gold Initiative Certificate by Arab Hospitals Federation that reflects our commitment on taking serious steps towards protecting the environment and supporting environmental sustainability in Abu Dhabi.

As leaders and decision-makers, we maintain focused on developing a future-proof and sustainable infrastructure for the healthcare sector. As the regulator of the sector, DoH is actively promoting green practices to ensure operating an environmentally friendly workplace across the wider sector.

This is why we continue to lead and empower sustainability driven initiatives and projects such as Malaffi, the region's first Health Information Exchange platform. Next to publishing standards and guidelines on environmental sustainability in healthcare facilities."



#### **Hamad Medical Corporation (HMC)**



Hamad Medical Corporation (HMC) is the main provider of secondary and tertiary healthcare in Qatar and one of the leading hospital providers in the Middle East. For more than four decades, HMC has been dedicated to delivering the safest, most effective and compassionate care to all its patients.

HMC manages thirteen hospitals well as the National Ambulance Service and home and residential care services.

In May 2019, HMC achieved its greatest international accreditation success to date with thirteen of its facilities and services accredited by US-based Joint Commission International (JCI). This included accreditation for the first time for three new hospitals as well as the Hamad Dental Center and Mental Health Service. This represents the greatest number of JCI accredited facilities in Qatar to date and the culmination of HMC's largest ever hospital accreditation program.

HMC also remains the only hospital system outside of the United States to achieve corporate Academic Medical Center accreditation for all its hospitals simultaneously.

Additionally, the National Ambulance Service, Home Healthcare Service, Stroke Service and Palliative Care, have all received this prestigious accreditation since 2011.

To meet the needs of a rapidly growing population, HMC has announced ambitious plans to expand capacity across its network through to 2030.

HMC is leading the development of the region's first academic health system - combining innovative research, top-class education and excellent clinical care - and is committed to building a legacy of healthcare expertise in Qatar. HMC collaborates with key partners who are experts in Qatar and beyond, including Weill Cornell Medical College-Qatar, the Institute for Healthcare Improvement and Partners Healthcare, Boston.

HMC is also the first hospital system in the Middle East to achieve institutional accreditation from the Accreditation Council of Graduate Medical Education – International (ACGME-I), which demonstrates excellence in the way medical graduates are trained through residency, internship and fellowship programs.





**QATAR** 



According to the World Health Organization (WHO), of the total amount of waste generated by Healthcare activities globally, about 85 percent is general, non-hazardous waste, much of which can be recycled.

In line with the Qatar National Vision 2030 and its commitment to environmental sustainability, HMC is committed to working to reduce the general waste we send to landfills in Qatar every year. We are doing this by making practical and achievable changes.

As part of meeting this goal, for the first phase of this four-phase program, we installed an innovative recycling system in selected areas of HMC with a commitment to roll this our across our organization.

We also worked to create a culture of change - that is to promote environmental awareness and accountability amongst our staff and the community. This included educating staff and our patients about the importance of taking sustainable measures such as these and partnering with external organizations to help us achieve this.





#### **Egypt Healthcare Authority**

Egypt's Constitution of 2014 has clearly stated the importance of health and environment, referring to such as human rights, and denoting that Every citizen has the right to health and to comprehensive health care with quality standards, and that every individual has the right to live in a healthy, sound and balanced environment. The protection of such rights is a national duty, and the state is committed to taking all necessary measures to protect and prevent the violation of those rights, and rationalize the utilization of available natural resources in order to achieve the goals of sustainable development, and protect the rights of future generations.

Political support provided by the Constitution, has enormously empowered policy makers to put these constitutional aspirations into action, by developing Egypt's Sustainable Development Strategy 2030, with a great focus on health. The health pillar included in this strategy emphasized the establishment of Universal health coverage, and the right of the whole population for equal and fair access to healthcare services.

Accordingly, the Law of Universal Health Insurance was issued in 2018 and consequently the relative regulations. The Law is marked as a road map for a new era that entails drastic health reforms related to all aspects of healthcare service providing. Such reforms include fundamental institutional, functional and regulatory restructuring, applying governance principles in separating finance from service provision, and ensuring equitable and equal access for all citizens to obtain proper healthcare services.

Under UHI Law, new entities were established, as following:

- 1. UHIA: Universal Health Insurance Authority: responsible for health services financing (revenue collection, pooling, and strategic purchasing)
- 2. EHA: (Egypt Healthcare Authority): responsible for healthcare provision along with adjusting and regulating service provision.
- 3. GAHAR: (General Authority for healthcare accreditation and regulation): responsible for accreditation and technical regulations.

Egypt Healthcare Authority is the public provider of healthcare services under the Law of Universal Health Insurance in Egypt. So far, Healthcare facilities in four Governorates were affiliated to EHA, with the total of 156 healthcare facilities; 134 Primary Healthcare facilities and 21 hospitals, and one polyclinic, and total workforce of around 17500 employees. Among the previously mentioned facilities, 108 healthcare facilities are registered and accredited by GAHAR, whose standards are derived from the international standards of ISQWA.

Since it's known that the climate footprint of healthcare facilities is responsible for Approximately 5% of net global emissions, and that climate change, chemical pollution and the irrational use of resources in the health sector exacerbate health problems in the world and negatively affect public health, not to mention, the political leadership that is providing all the support needed for confronting climate change impacts.

In this respect and coinciding with Egypt's hosting the Conference of the Parties on Climate Change at its twenty-seventh session (COP 27) in November 2022, and going with the presidential commitment toward Living Green, and the signing of the document of Sharm El-Sheikh as a green city by the Ministry of Environment, along with UNDP, and complying with Egypt's Sustainable

Development Strategy (SDS) 2030, and Egypt's NDC that illustrates all necessary steps and actions for adaptation and mitigation of climate changes impact, and the UN Sustainable Development Goals, (Goal number 3 of Good Health and Wellbeing, Goal number 7 of affordable and clean energy, Goal number 13 of Climate action), In that context as one of EHA main strategic goals is to adopt the transformation to green, sustainable, environmentally friendly healthcare facilities resilient to climate change, the transformation the into a green facilities was decided, starting with a hospital and a center in each Governorate affiliated to EHA.

Sharm El Sheikh Hospital has been given the priority since the hospital assets were recently transferred to the Authority, the hospital is being transformed into a green healthcare facility, preparing it to be a role model to be implemented all over EHA affiliated healthcare facilities in order to build healthcare systems with zero carbon emissions in 2050.





#### DR AHMED HUSSEIN EL-SOBKY

CHAIRMAN OF EGYPT
HEALTHCARE AUTHORITY
ASSISTANT MINISTER OF
HEALTH AND POPULATION
GENERAL SUPERVISOR OF
THE UNIVERSAL HEALTH
INSURANCE PROJECT

"Climate change is one of the most challenging and pressing matters of the current era. It is a threat to our lives and to this planet. Controlling what has taken decades to be done, will take as much time and effort to be undone.

The good side of the story is that the whole world had a wakeup call and started taking immediate actions, COP26 Health program was one of the most noticeable achievements of last year.

Today, in COP27, the whole world is working on achieving the goal of obtaining sustainable environmentally friendly healthcare systems resilient to climate change.

In EHA, we are value to our role as healthcare service providers, and we are fully committed to Egypt's strategy of 2030, and to the international efforts in providing sustainable environmentally friendly healthcare facilities resilient to climate change. That's why EHA has adopted the concept of green transformation, implementing the green transformation project in Sharm El Sheikh International hospital as a Stepping stone, and representing the first hospital in Egypt undergoing green transformation."



#### **Almoosa Specialist Hospital**



Almoosa Specialist Hospital is a world-class health system that promotes wellness and heals illness founded in 1996 as the first private Hospital in Ahsa, offering high-quality integrated healthcare. Now the Hospital is Ranked among the best ten hospitals in the GCC. We ensure to provide our patients with the best care with qualified, competent caregivers using the latest technologies and evidence-based techniques.

Almoosa Specialist Hospital is an academic teaching hospital accredited by the Saudi Commission for Health Specialties SCHS, in 12 residency programs and two fellowships programs. The Hospital provides the best human-centered care in a capacity of over 500 beds, with a diverse team of more than 3000 caregivers working together to achieve one mission: To promote hope and well-being for our society.

THE NEW MEDICAL TOWER .. THE NORTH TOWER OUR LEADING PROGRAMS AND CENTERS OF EXCELLENCE: The 17-story medical tower is the tallest Hospital in Al-Ahsa - Saudi Arabia. Its majesty is seen for miles, and the gleaming structure portrays the level of care within, representing a beacon of hope for healthcare and wellness for the community. The region most favored Bone and Joint Center Comprehensive cancer center A world-class neuroscience center with a stroke program Advanced heart center with all the latest cardiac modalities such as hybrid Operation room and Electrophysiology lab. The region so largest and most comprehensive maternity and children's program

#### Our Vision:

To be a world-class health system that promotes wellness and heals illness.

#### Our Mission:

We serve with passion, lead with innovation, and promote community transformation.

#### **OUR CORE VALUES:**

- Human-Centered Care: The people we heal, their families and communities, and our staff are our care partners.
- Innovation : We use pioneering, best practices, and technology to champion healing and wellness.
- Ethics : The highest moral standards of the communities we serve are at the forefront of our thoughts & actions
- Empowerment : We help everyone we serve become stronger, more confident, and make their own decisions about their lives
- Excellence: This is what we aspire to accomplish in all services brought to the patient.

#### STRATEGIC PRIORITIES

- People : Attract, educate, develop, and retain talented professionals who deliver excellent care and promote wellness.
- Patient Safety and Quality: To Be a regional leader in quality outcomes and patient safety through continuous and effective improvement
- Patient Experience: Achieve national leadership in enhancing the patient experience for patients and families.
- Promoting Wellness: Foster Physical, Emotional, Intellectual, Social, Spiritual, Environmental, and Occupational Wellness by incorporating these dimensions in all our decisions and actions.
- Performance: Continuously improve the personal, professional, company, and financial performance to achieve our Mission and vision.





#### **MALEK ALMOOSA**

### CHIEF EXECUTIVE OFFICER ALMOOSA SPECIALIST HOSPITAL KSA

"The commitment to innovative, sustainable building design principles and energy management solutions is integral to our vision.

Our advanced clinical technologies and innovative building design serve as a single service point from Screening, diagnosis to treatment for our patients and their families. Our North Tower newly awarded LEED® certification is one of the many ways we give our community an extra edge in their healing journey.

Our commitment to energy and sustainable development is part of Almoosa medical group strategy to own the highest quality buildings while meeting the needs of our operations and the environment, The energy efficiency program provides value to our people, operations and our shareholders. It is an integral part of our strategy, and we expect to continue to make sustainable investments."



#### **Amana Healthcare**



Amana Healthcare, a Mubadala Health partner, is the Middle East's leading provider of specialized long-term care, rehabilitation and home healthcare services and is the region's pioneer in integrated continuum-of-care services. Based in the United Arab Emirates, Amana serves patients from a wide catchment area, including the Middle East, Africa, and South Asia, who need complex, specialized, post-acute care. Amana's hospitals are accredited by the U.S. Commission on Accreditation of Rehabilitation (CARF) Facilities and Joint Commission International (JCI).

The continuum of care for our residents is warranted through our different services:

#### **Acute Long-Term Care**

Amana provides long-term care for adults and children who require long-term ventilation due to genetic disorders or complex medical conditions, in an inpatient setting with 24-hour intensive care trained physicians, nurses, multidisciplinary therapists and a patient & family experience team, all working closely to enhance the quality of life of those patients. Amana Healthcare's long-term care services also extend to providing non-ventilated patients that require 24-hour clinical support, in a residential care setting.

#### **Specialized Rehabilitation Programs**

Amana Healthcare provides specialized rehabilitation for patients who require inpatient, outpatient, or home rehabilitation after a life-changing event, such as long Covid-19 (post-Covid complications), stroke, brain injury, spinal injury, joint replacement, or amputation. Our rehabilitation programs, led by internationally trained physical medicine & rehabilitation physicians and supported by a multidisciplinary therapy team, are personalized for each patient, so they can return home or/and get back to work as quickly as possible.

#### **Specialized Home Healthcare**

Amana Healthcare's Home and Community Healthcare Program provides integrated, patient-centered care of the highest quality for adults and children, with a focus on improving functioning ability and wellbeing.

#### **Tissue Viability & Stoma Care**

Amana Healthcare provides highly specialized tissue viability services for patients requiring specialist care in tissue viability, lymphoedema, and wound management. Amana Healthcare's tissue viability service is led by a multidisciplinary team of specialist nurses, physicians, and therapists, and delivered in an inpatient or home setting.





#### **DR JASON GRAY**

SENIOR DIRECTOR OF CLINICAL OPERATIONS AMANA HEALTHCARE UAE

"Amana Healthcare is committed to delivering world-class care for patients. Amana Healthcare follows Mubadala Healthcare Values - supporting the further development of a sustainable healthcare sector in line with the vision of Abu Dhabi and the region.

The goal is to reduce Amana Healthcare's carbon footprint and enhance the residents' and community wellbeing by developing rapid microprojects across the Amana network to become a regional leader amongst all healthcare providers in the promotion of environmental sustainability initiatives."



#### **Ambulatory Healthcare Services (AHS)**



Ambulatory Healthcare Services (AHS), a SEHA HealthSystem Facility established in 2007, is the gateway to healthcare services in Abu Dhabi Emirate. Through its widely distributed centers, AHS provides Abu Dhabi residents with easy access to high-quality, curative and preventive services. AHS also provides tailored healthcare services to organizations across the Emirate.

In a matter of few years, AHS rebranded, repositioned and evolved primary healthcare facilities that existed before its establishment into a network of standardized, patient centered ambulatory healthcare centers. This enabled provision of comprehensive, community based, high quality and accessible care tailored to the Community needs and to patients' demographics.

Currently, the organization has four main business divisions:

- Ambulatory Care Centers
- Disease Prevention and Screening Centers
- School Health Services
- Mobile Clinic Solutions

All centers are geographically spread out in both rural and urban areas of Abu Dhabi, Al Ain and Al Dhafra and linked to the Headquarter office located in Abu Dhabi Island.





#### DR. NOURA AL GHAITHI

CHIEF EXECUTIVE OFFICER
AMBULATORY HEALTHCARE
SERVICES
UAE

"We are delighted to be recognized by the Arab Hospitals Federation in the "Sustainable Healthcare Facility Design" category for 3 of our healthcare centers.

As a leading healthcare provider, we are committed to addressing climate change that affects all spheres of our society and the environment and to support UAE to become the first country in gulf to commit to Net Zero carbon emissions by 2050.

We have adopted international practices and standards for the development of GHG tool including the GHG protocol and United States Environment Agency (US EPA). Our aim is to create healthier, more resilient communities and this can only be achieved if we build sustainable healthcare systems.

We will continue to work towards achieving this goal by driving impactful and innovative sustainability solutions in line with Abu Dhabi Emirate's Environment Vision 2030."



#### **Bellevue Medical Center - Lebanon**



Bellevue Medical Center is a premier 130-bed-hospital located in the serene valley of Qanater Zbaideh, overlooking the beautiful roman ruins between Mansourieh and Hazmieh in Mount Lebanon. The medical institution is accredited by the Lebanese Ministry of Public Health, awarded the prestigious Joint Commission International (JCI) Gold seal and certified Gold by Planetree International for its person-centered care achievement.

Fifteen minutes away from Downtown Beirut, the hospital is surrounded by idyllic greenery and offers a unique set-up and nurturing environment that help contribute to the patients' well-being and allow them to maintain a positive healing experience for short-term and long-term hospital visits.

Bellevue provides a spectrum of medical services and advanced treatment that span several departments and specialties. The world-class facilities are outfitted with top-notch medical equipment and home to a highly-trained staff that operate within very high standards in order to ensure the best quality service for its patients.

#### **Our Healthcare Professionals**

Bellevue' growth has always been based on a careful selection of human and technical resources. We strive to hire and retain a team of certified and qualified physicians, nurses and allied healthcare professionals that share our values and commitment to patient care, in order to achieve our organization's professional and ethical goals.

#### A Culture of Safety and Continuous Improvement

Patient safety stands at the core of our mission and inspires our vision. It is the foundation the institution is built upon and is embedded in our strategy and all systems, procedures and practices, helping shape a patient-centered culture across our facilities.

#### **Patient Happiness is Our Passion**

It is our belief that a serene atmosphere and healing environment contribute to a positive patient experience. Our aim is to ensure our patients enjoy a most comfortable stay in our hospital, marked by a high level of service and excellent care.

#### **Cutting-Edge Medical Equipment**

To better serve our patients, we offer an exceptional range of innovative equipment that include an MRI, a CT Scan, Fluoroscopic X-Ray, Routine X-Ray, 4D Ultrasounds, 3D Echocardiography, Bone Densitometry (I-DEXA) and Digital Mammography among others. Safety considerations have been incorporated in the design of the building and in every room, with the highest international building standards applied.





#### **ENG. NAYEF MAALOUF**

PRESIDENT & CHIEF EXECUTIVE OFFICER BELLEVUE MEDICAL CENTER LEBANON

"We firmly believe that the fight against climate change is fundamental for the future of all of us, and that healthcare institutions must contribute to the greatest possible extent.

From its facility design and throughout its operations, Bellevue Medical Center, has been committed to respond, act, and take necessary measures to reduce carbon emissions, implement green initiatives, generate clean and renewable energy as well as apply water and waste management projects.

We are very honored to be recognized by the Arab Hospitals Federation with five outstanding certificates, and proud to see that efforts by AHF have been undertaken to recognize the extra mile done by Lebanese hospitals. These awards motivate us in pursuing our mission while taking measures that save our planet for future generations".



#### **Cleveland Clinic Abu Dhabi**



Cleveland Clinic Abu Dhabi is a Mubadala Health partner and an extension of US-based Cleveland Clinic, is the only quaternary center in the UAE, addressing a range of complex and critical care requirements unique to the local population. The hospital successfully recorded many prestigious accolades and medical firsts for the country, including becoming the youngest hospital to be named a Magnet facility and setting up the first multi-organ transplant center. Cleveland Clinic Abu Dhabi was recently named the UAE's top hospital in NewsWeek's World top Hospitals 2022 listing, and won the 5 Diamonds rating for "Muashir" the UAE's healthcare quality index.

Cleveland Clinic Abu Dhabi's vision is to be the best place to receive care and the best place to work in healthcare. This will ensure we are on course with our 2025 roadmap to deliver advanced, safer, and sustainable complex medical care and become the region's leader in precision medicine. We continue to be committed to our "Patients First" philosophy, and striving to achieve zero harm, while investing in research, education, and medical innovation.

Our vision is supported by clear Objectives and Key Results:

- Care compassionately and treat our patients as family
- Care for our colleagues, our caregivers
- Advance healthcare in the UAE
- Enhance the sustainability of our organization

Cleveland Clinic Abu Dhabi combines state-of-the-art amenities and world-class service standards. The hospital is a 394 (expandable to 490) bed facility, with five clinical floors, three diagnostic and treatment levels, and 13 floors of critical and acute inpatient units. It is a physician-led medical facility served by North American/European Board Certified (or equivalent) physicians.

Cleveland Clinic Abu Dhabi has the following 15 Institutes: Heart, Vascular & Thoracic, Neurological, Digestive Disease, Eye, Respiratory, Critical Care, Oncology, Surgical Subspecialties, Medical Subspecialties, Emergency Medicine, Anesthesiology, Pathology & Laboratory Medicine, Imaging, Quality & Patient Safety, and Clinical & Nursing. In all, more than 50 medical and surgical specialties are represented at the hospital. Additionally, Cleveland Clinic Abu Dhabi – Al Ain began offering select medical services in December 2017. The facility is located on the Tawam Hospital Campus in Al Ain.

Cleveland Clinic Abu Dhabi provides patients in the region direct access to the world's best healthcare providers and Cleveland Clinic's unique model of care, reducing their need to travel abroad for treatment.





## DR. JORGE GUZMAN CEO CLEVELAND CLINIC ABU DHABI

"It's an honor receiving the AHF Gold Initiative Award, on behalf of Cleveland Clinic Abu Dhabi, from the respected Arab Hospitals Federation.

We are privileged to be recognized among 47 hospitals in nine Arab countries for this award, which sets forth our commitment to environmental sustainability and efforts toward establishing green programs that mitigate climate change through hospital operations. I take this opportunity to acknowledge and congratulate our caregivers for their unwavering dedication and effort in reinforcing our commitment to deliver best-in-class and sustainable complex medical care to our patients and provide the best place to work for each other.'



#### Saudi German Hospital Cairo



Saudi German Hospital Cairo is a tertiary hospital that was inaugurated in 2016. Located near Cairo International Airport where it can easily be accessed by patients all over the city as well as our international visitors. The hospital is equipped with state-of-the-art facilities operating by the most expert physicians in Egypt.

It offers the highest standard of care to the community, with the capacity of 300 beds and a broad medical scope including the most sophisticated procedures like Pediatric Liver Transplantation, Bone Marrow Transplantation and Transcatheter Aortic Valve Implantation (TAVI).

Saudi German Hospital-Cairo received its first international accreditation through the Joint Commissions International (JCI) back in 2018 followed by the Canadian Accreditation Diamond level; Adding to its accreditation portfolio SGHC received the national GAHAR accreditation as the first hospital in Egypt to receive such accreditation in 2020; Moreover the Saudi German Hospital Cairo is the first hospital in Egypt to be awarded 'The Gold Winner" in the "Grand Hospital Award" of the IHF in the 44th World Hospital Congress 2021 in Barcelona.

Saudi German Hospital Cairo glad to be the first and only healthcare facility in Egypt and Africa to be a member of the Mayo Clinic Care Network through an affiliation with Mayo Clinic in USA, being a member allows patients and healthcare providers access to world-class medical expertise, advanced treatments, and the latest technology.

SGHC originally comes under the umbrella of Saudi German Health the leading private healthcare provider in the Middle East and North Africa founded in 1988, with a vast network of existing and upcoming hospitals and healthcare facilities across Saudi Arabia, UAE, Yemen, Egypt, Morocco Pakistan and other countries.

#### Vision

To Be the Leader in Improving People's lives.

#### Mission

To Provide Safe, Evidence-Based and Value-Based Medical Services, Delivered with Efficient Technologies, Effective Management, Engagement with Our Community and Fulfillment of Our Stakeholders Needs.

#### **Values**

- Accountability
- Teamwork
- Compassion
- Integrity
- Equality
- Respect
- Innovation





# DR. MOHAMED HABLAS REGIONAL DIRECTOR SAUDI GERMAN HEALTH EGYPT AND NORTH AFRICA REGION

"The Saudi German Hospital (SGH)- Cairo is strategically planning to be green hospital, It is initially begun to carry out several initiatives on the road to sustainability, targeting three main topics related to development and improvement of its utilities; Water consumption rationalization, Waste management and Power saving, seeking to reduce consumption, championing resources efficiency".

## contact us

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