



Modern Solutions for...Better Future
طول حديثة ... لمستقبل أفضل

The Arab Energy & Water

Conference & Exhibition
المؤتمر والمعرض العربي
للطاقة والمياه
11 - 12 October 2023

WORKSHOP

DATE 09 - 10 October 2023
TIME 09:00 - 14:00
VENUE Radisson Blu hotel, kuwait

CONFERENCE

DATE 11 - 12 October 2023
TIME 09:00 - 14:00
VENUE Radisson Blu hotel, kuwait

www.ArabEW.com



Dr. Bader Altaweel

Technical Chair
Head of Electrical Engineering
Technology Department
College of Technological Studies, PAAET.



Dr. Ashraf A. Mansour

General Supervision
Secretary General Of The Arab Union For
Sustainable Development And Environment



Dr. Mohamed S. Al Yamany

General Supervision
CEO, Arab Council
For Sustainable Energy



Eng. Salem Alajmi

Technical Coordinator
Certified Renewable Energy Expert, Board Member
at the Arab Council for Sustainable Energy.

WITH THE SUPPORT OF



MANAGED BY



CONTACT US

Whatsapp/Call +965 97772806 @ Email info@arabew.com



Introduction

The Arab Energy and Water Conference and Exhibition keeps pace with effective Arab development and initiatives at the regional and global levels in energy and water. These initiatives are directly related to sustainable solutions to climate change. Kuwait is preparing, during the next few months, through the Ministry of Electricity, Water and Renewable Energy, MEWRE, and in cooperation with the Kuwait Authority for Partnership Projects, KAPP, to launch the last phase of the Shagaya and Al Dibaba plant with a capacity of not less than 4000 MW, which consists of a mixture of types of renewable energy sources.



MEWRE is also keen to improve electricity and water generation plant efficiency by reducing steam plants and increasing the share of natural gas plants and combined-cycle plants, which have lower carbon gas emissions than steam plants. MEWRE and Kuwait Petroleum Corporation, KPC, attach significant importance to hydrogen production research and technologies. In addition, they attach importance to carbon capture and storage technologies. These technologies are one of the main pillars of the Middle East Green Initiative goals.

The Arab countries play an important role in the Middle East region towards achieving the Green Initiative, which was launched by the Kingdom of Saudi Arabia in October 2021, as the initiative will contribute to increasing the region's capabilities in protecting the planet by setting an ambitious road map with clear milestones that work to meet all global targets during the next few years. The initiative sets vital goals to decrease carbon emissions through the Middle East region's contribution by more than 60%. It also plants 50 billion trees throughout the Middle East, equivalent to 5% of the global target. The Arab role shone globally last November when Egypt hosted the COP27 World Climate Summit. The Summit made several vital decisions to accelerate the energy transition and reduce carbon emissions. In November, the world's attention will be directed towards the United Arab Emirates for hosting the COP28 World Climate Summit. On this summit, many hopes and aspirations are pinned for the continuation of UN resolutions and initiatives towards overcoming climate change. Therefore, the Arab Exhibition and Conference for Modern Solutions in Energy and Water aims to achieve these regional goals by contributing to the realization of Arab strategies and initiatives. Through the development of a strong relationship between these three basic pillars:

- Visions and aspirations of the countries of the region and their strategies.
- In addition to the latest scientific and research results in the field of energy and water.
- Including sharing the latest solutions for the commercial and industrial sector in the fields of energy and water in order to achieve the goals of the Middle East Green Initiative.



مقدمة



يأتي المؤتمر والمعرض العربي للطاقة والمياه ليواكب التطور والمبادرات العربية الفعالة على المستوى الإقليمي والعالمي في مجالات الطاقة والمياه والتي لها علاقة مباشرة في تحقيق الحلول المستدامة للتغلب على تأثيرات التغير المناخي. حيث تستعد الكويت خلال الأشهر القليلة القادمة وعن طريق وزارة الكهرباء والماء والطاقة المتجددة وبالتعاون مع هيئة مشروعات الشراكة بين القطاعين العام والخاص بإطلاق المرحلة الأخيرة من محطة الشقيا والدبدبة بقدرة لا تقل عن 4000 MW والمكون من مزيج من أنواع مصادر الطاقة المتجددة.

وتحرص أيضا وزارة الكهرباء والماء والطاقة المتجددة بتحسين كفاءة محطات توليد الكهرباء والماء من خلال تقليل المحطات البخارية وزيادة حصة محطات الغاز الطبيعي ومحطات ذات الدورة المركبة والتي تتميز بانخفاض معدلات الانبعاث غاز الكربون مقارنة مع المحطات البخارية. كما تولي وزارة الكهرباء والماء والطاقة المتجددة وشركات نفط الكويت أهمية كبرى لأبحاث وتقنيات إنتاج الهيدروجين وكذلك تقنيات امتصاص وتخزين الكربون كونهم أحد الركائز الأساسية في تحقيق أهداف مبادرة الشرق الأوسط الأخضر. وتلعب الدول العربية دورا مهما في منطقة الشرق الأوسط نحو تحقيق المبادرة الخضراء والتي أطلقتها المملكة العربية السعودية في أكتوبر 2021، حيث ستسهم المبادرة في زيادة قدرات المنطقة على حماية كوكب الأرض من خلال وضع خارطة طريق طموحة ذات معالم واضحة تعمل على تحقيق جميع المستهدفات العالمية خلال السنوات القادمة. وحددت المبادرة أهداف نوعية وسامية لتحقيق انخفاض الانبعاثات الكربونية من خلال مساهمة منطقة الشرق الأوسط لأكثر من 60%، وكذلك من خلال زراعة 50 مليار شجرة في جميع أنحاء الشرق الأوسط أي ما يعادل 5% من المستهدف العالمي. والدور العربي تألق عالميا في نوفمبر الماضي باستضافة جمهورية مصر العربية القمة العالمية للمناخ COP27، والتي خرجت بعدة قرارات حيوية لتسريع وتيرة التحول الطاقوي وتقليل الانبعاثات الكربون. ومن أهم قرارات قمة مصر تمثلت بتشكيل مسار تمويل دولي لمساعدة البلدان التي تواجه أضرارا جسيمة من تغير المناخ من خلال إنشاء تدفق تمويل أطلق عليه "Loss and Damage"، كما حققت COP27 بتحديد التفاصيل التشغيلية الخاصة بقواعد أسواق الكربون والتي بدورها ستساهم في تسريع وتيرة مشاريع خفض الكربون.

كما ستسلط أنظار العالم في نوفمبر القادم نحو دولة الإمارات العربية المتحدة لاستضافتها القمة العالمية للمناخ COP28، والتي يعقد عليها كثير من الآمال والطموحات لاستمرار القرارات الأممية والمبادرات نحو التغلب على تأثيرات التغير المناخي. كما يتربع العالم لتفاصيل تحالف Mangrove Alliance for Climate ((MAC، شجر القرم، والذي له دور كبير في تقليل انبعاثات الكربون من خلال الدورة الطبيعية لامتناصه من خلال أشجار القرم، تأتي هذه المبادرة بقيادة دولة الإمارات العربية المتحدة وإندونيسيا.

ولذلك يأتي المعرض والمؤتمر العربي للحلول الحديثة في الطاقة والمياه لتحقيق هذه الأهداف الإقليمية عن طريق المساهمة في تحقيق الاستراتيجيات العربية ومبادراتها من خلال خلق حلقة التقاء فعالة بين الركائز الأساسية الثلاثة:

- رؤى وتطلعات دول المنطقة واستراتيجياتها
- إلى جانب آخر النتائج العلمية والبحثية في مجال الطاقة والمياه
- بالإضافة إلى مشاركة أحدث الحلول للقطاع التجاري والصناعي في مجالات الطاقة والمياه من أجل تحقيق أهداف مبادرة الشرق الأوسط الأخضر.





Conference Themes

Session 1 المحور الأول

Modern Legislations and Policies in Water and Energy Projects; PPP and Carbon Credits Markets

التشريعات والسياسات الحديثة في مشروعات المياه والطاقة: منظومة أسواق الكربون، ومشاريع الشراكة بين القطاعين العام والخاص PPP.

Session 2 المحور الثاني

Conventional Powerplants Efficiency Improvement; Carbon Capture and Hydrogen Production.

تحسين كفاءة محطات توليد الطاقة التقليدية: التقاط الكربون وإنتاج الهيدروجين.

Session 3 المحور الثالث

Renewable Energy Resources Reliability Improvement; Energy Storage and Green Hydrogen.

تحسين موثوقية مصادر الطاقة المتجددة: تخزين الطاقة والهيدروجين الأخضر.

Session 4 المحور الرابع

Water and Energy Conservation in Green and Smart Cities; Electrifications, Modern Agriculture, ICT, and Smart Grid.

ترشيد استهلاك المياه والطاقة في المدن الخضراء والذكية: كهربة المواصلات، والزراعة الحديثة وتكنولوجيا المعلومات والاتصالات، والشبكة الكهربائية الذكية.

Topics of interest



01

Increase Energy Efficiency in Existed Traditional Power plants



02

Renewable Energy Resources



03

Technologies for the improvement and prosperity of the agricultural sector



04

Applications and Technologies of Carbon Capture



05

Hydrogen Production and its Applications



06

Technologies of the Electrifications



07

Information and communication sector in energy and water projects



08

Energy Storage Technologies



09

Technologies of Water Production and consumption rationalization



10

Achieving Green Cities and Buildings



11

Modern policies and legislation regulating energy and water projects





Conference Committees

General Supervision



Dr. Mohamed S. Al Yamany

CEO, Arab Council
For Sustainable Energy



Dr. Ashraf A. Mansour

Secretary General Of The Arab Union For
Sustainable Development And Environment

Technical Committee



Dr. Bader Altaweel

Technical Chair

Head of Electrical Engineering , Technology Department
College of Technological Studies, PAAET.

Technical Committee Members



Prof. Cons. Eng. Farouk Ali El Hakim

Secretary General Egyptian Society Of Engineers.
Chairman Of Society Of Electrical Engineers



Dr. Nabil A Ahmed

Professor at Electrical Engineering
Technology Department
College of Technological Studies, PAAET.



Mohamed Selim Salman, MBA

Energy Advisor Board
Member Of The AUSDE



Dr. Mustapha Taoumi

Key expert, Renewables and Green
Technologies, EU funded projects in MENA
region.



Eng. Salem Alajmi

Certified Renewable Energy Expert, Board Member
at the Arab Council for Sustainable Energy.

Important dates

Abstract submission deadline	01 Aug 2023
Notification of Acceptance/Rejection	08 Aug 2023
Full Presentation submission Deadline	02 Sep 2023
Final date of Registration	03 Sep 2023
Conference Dates	11-12 Oct 2023

NOTE: Abstracts submitted by email to Speaker@arabew.com. The Conference organizers will not accept responsibility for any abstracts that have not been properly submitted according to the instructions.





Conference Agenda

Day 1: Wednesday 11 October 2023

07:30-09:00	Registration and Networking
09:00-09:45	Opening Remarks - Minister of Electricity and Water, Kuwait. (TBC) - Arab Council for Sustainable Energy Chairman
09:45-10:30	Honoring Ceremony Exhibition opening
10:30-10:45	Networking Break
10:45-12:00	Main Panel Session: Insights of global Leaders and professionals on the Futures of Energy and Water in Arab region This session, Leaders will share their thoughts and knowledge about current and challenges that effect the Energy and Water projects in Arab Countries as well as the future strategies.
12:00-13:15	Prayer and Lunch break
13:15-14:45	Session 1 : Modern Legistlations and Policies in Water and Energy Projects; PPP and Carbon Credits Markets. This session will give an overview of the importance of creating integrated legistlations and policies that takes the modern projects of energy and water into optimal success as well as achieving reliable and efficient projects.
14:45-15:30	Q&A
15:30	End of Day One

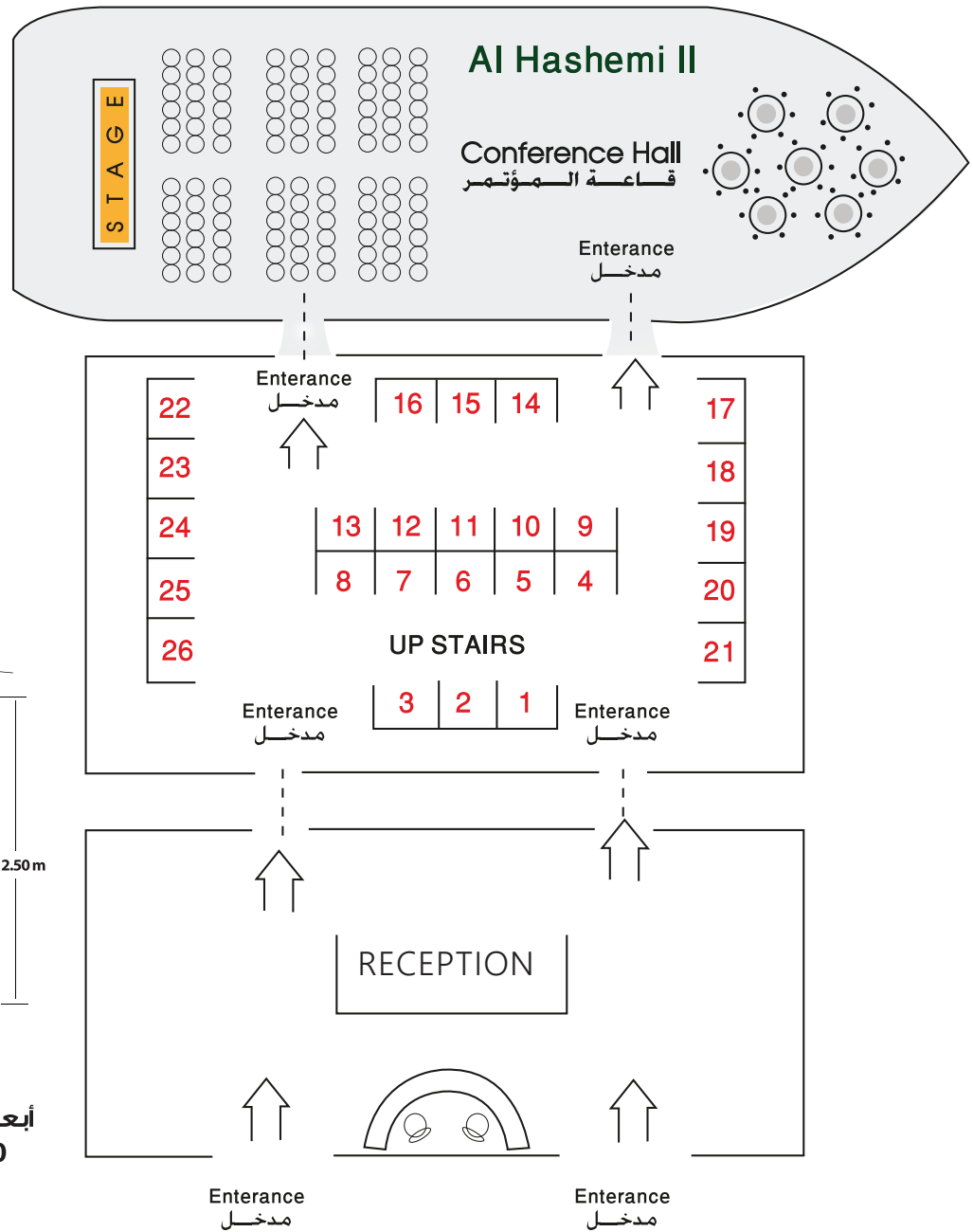
Day 2: Thursday 12 October 2023

08:30-09:00	Registration and Networking
09:00-10:30	Session 2 : Conventional Powerplants Efficiency Improvement; Carbon Capture and Hydrogen Production. This session explores the current performance of conventional powerplants, and present the modern technologies and solutions that will increase the efficiency of the conventional powerplants as well as reduce the carbon footprints. Q&A
10:30-10:40	Networking Break
10:40-12:05	Session 3: Renewable Energy Resources Reliability Improvement; Energy Storage and Green Hydrogen. The session will discuss the main challenges that face utilizing the renewable energy resources, and present the modern technologies and solutions that increase the reliability of utilizing projects of different of renewable energy resources. Q&A
12:05-13:15	Prayer and Lunch break
13:15-14:30	Session 4 : Water and Energy Conservation in Green and Smart Cities; Electrifications, Modern Agriculture, ICT, and Smart Grid. This session will show the advantages of different applications in green and smart cities in terms of conserving energy and water.
14:30-15:00	Q&A
15:00	End of Day One

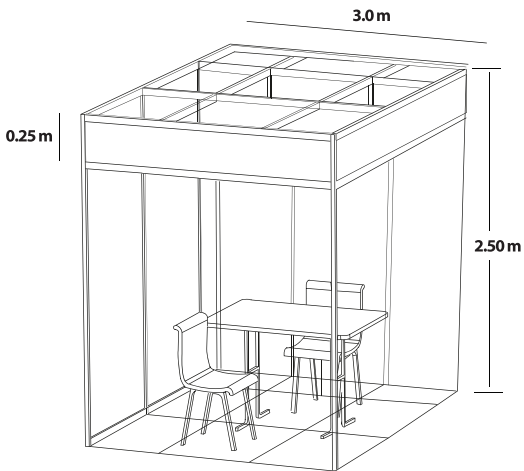




Floor Plan



Radisson BLU
HOTELS & RESORTS



أبعاد الجناح ٣ × ٣ متر = ١٥٠٠ دينار كويتي
Stand Size 3.0 x 3.0 m = KD 1500

VENUE INFO.

The conference and exhibition will be held at Al-Hashmi Hall at the Radisson Blu Hotel.

Contact us

Gamal Omran

Event Manager

+965 9777 2806

jamal@conexkw.com





Sponsorship Packages

All Sponsorships with company's name and logo will be acknowledged on the event website, the On-site Program, Conference Sponsorship Signage and promotional materials.

MAIN

SPONSOR

9000

KWD

- (4) Free Booths inside the exhibition area
- (5) Roll-up banners inside the exhibition area
- (10) VIP invitations 1/ Registration with Certificates /I
- (4) Advertisement & Information Pages
- (4) Complimentary Seats for any of our events
- Logo & company name on all printings
- Logo with a link to sponsor's home page
- Award & appreciation Certificate
- Opportunity to submit a technical paper
- Speaking opportunity at ceremony opening
- Flyer distribution at exhibition entrance
- Publish your sponsorship and participation in the top ten social media channels

PLATINUM

SPONSOR

6000

KWD

- (3) Free Booths inside the exhibition area
- (3) Roll-up banners inside the exhibition area
- (5) VIP invitations 1/ Registration with Certificates /I
- (3) Advertisement & Information Pages
- (2) Complimentary Seats for any of our events
- Logo & company name on all printings
- Logo with a link to sponsor's home page
- Award & appreciation Certificate
- Opportunity to submit a technical paper
- Speaking opportunity at ceremony opening
- Flyer distribution at exhibition entrance
- Publish your sponsorship and participation in the seven largest social media channels

GOLD

SPONSOR

3000

KWD

- (2) Free Booths inside the exhibition area
- (2) Roll-up banners inside the exhibition area
- (3) VIP invitations 1/ Registration with Certificates /I
- (2) Advertisement & Information Pages
- Logo & company name on all printings
- Logo with a link to sponsor's home page
- Award & appreciation Certificate
- Opportunity to submit a technical paper
- Publish your sponsorship and participation in the seven largest social media channels

SILVER

SPONSOR

1750

KWD

- (1) Free Booth inside the exhibition area
- (1) Roll-up banner inside the exhibition area
- (1) VIP invitation 1/ Registration with Certificates /I
- (1) Advertisement & Information Pages
- Logo & company name on all printings
- Logo with a link to sponsor's home page
- Publish your sponsorship and participation in the three largest social media channels

SPONSORSHIP & EXHIBITION FORM

The Arab Energy & Water Conference & Exhibition

المؤتمر والمعرض العربي
للطاقة والمياه



Registration Details

☐ Ms ☐ Mrs ☐ Mr Surname:

Name :

Job Title :

Email: :

Organisation:

Country:

Phone :

Fax:

Mobile: :

Website :

Sponsorship Packaging Fees

☐ Main Sponsor 9000 KWD (29000 \$)

☐ Platinum Sponsor 6000 KWD (20000 \$)

☐ Gold Sponsor 3000 KWD (9800 \$)

☐ Silver Sponsor 1750 KWD (5700 \$)

Sponsorship Opportunities

☐ Conference Luncheon 2000 KWD (7000 \$)

☐ Delegate Bag 2000 KWD (7000 \$)

☐ Conference USB 1500 KWD (5300 \$)

☐ Writing Pens 1000 KWD (3500 \$)

☐ Writing Pads 1000 KWD (3500 \$)

☐ Lanyards 1000 KWD (3500 \$)

Payment Details

Please Choose From Following:

☐ Full payment must be received prior to the conference.
please invoice my organization (authorization attached)

☐ I will be sending a bank transfer to :
Account Name: Conex Kuwait co
Bank: National Bank of Kuwait
Account #: 2020951848
IBAN: KW03NBOK00 0000 0000 0020 2095 1848

☐ I enclosed a cheque made payable to Conex Kuwait co,
Please Email confirmation of the bank transfer to
info@conexkw.com
quoting delegate's name as your reference on both fax and bank
transfere

Co-Exhibitor Policy

If you plan to share your booth space with another companies
(Co-exhibitor) , there is an additional fee of KD 200 for each
co-exhibitor. this entitles the co-exhibitor to a listing in the
event website, show directory , company name on fascia
board and exhibitor badgees with their company name.

Cancellations

Cancellations must be made in writing.
- 75% of the paid amount will be refunded fo cancellations
made two months prior to the event.
- 50% of the paid amount will be refunded fo cancellations
made two months prior to the event.
- NO REFUND for cancellations made less than one month to
the event.

Exhibition

Standard Booth 1500 KWD (4900 \$) ☐

Company Name (As required to be written on the booth)

.....

No. of Stands Required

Stand Number(s)

Stamp

Signature

.....

Email or Whatsapp it

@ info@arabew.com

+965 97772806

CONFERENCE REGISTRATION FORM



Registration Details

☐ Ms ☐ Mrs ☐ Mr Surname:

Name 1# :

Job Title :

Email: :

Mobile: :

Conference ☐ Workshop ☐ Conference & Workshop ☐

☐ Ms ☐ Mrs ☐ Mr Surname:

Name 2# :

Job Title :

Email: :

Mobile: :

Conference ☐ Workshop ☐ Conference & Workshop ☐

☐ Ms ☐ Mrs ☐ Mr Surname:

Name 3# :

Job Title :

Email: :

Mobile: :

Conference ☐ Workshop ☐ Conference & Workshop ☐

Organisation:

Contact Person:

Job Title :

Email :

Phone : Fax:

Mobile:

Country:

Website :

Conference Registration Fees:

- **Workshop** 09 - 10 OCT 2023 (100 KWD)
- **Conference** 11 - 12 OCT 2023 (200 KWD)
- **Conference & Workshop** 09 - 12 OCT 2023 (250 KWD)

The Registration Fee includes Full Conference Package with:

- 1- Conference Proceedings
- 2- Admission to all the Technical Sessions
- 3- Opening Ceremony
- 4- Daily Lunch & Coffee Breaks
- 5- Certificate of Attendance

Accommodations are NOT included in the registration fee

Payment Details

Please Choose From Following:

- ☐ Full payment must be received prior to the conference.
please invoice my organization (authorization attached)
- ☐ I will be sending a bank transfer to :
Account Name: Conex Kuwait co
Bank: National Bank of Kuwait
Account #: 2020951848
IBAN: KW03NBOK00 0000 0000 0020 2095 1848
- ☐ I enclosed a cheque made payable to Conex Kuwait co,
Please Email confirmation of the bank transfer to
info@conexkw.com
quoting delegate's name as your reference on both fax and bank transere

Group Discounts

There will be 10% on registration of more than 5 delegates from one organization.

Cancellations

- Cancellations must be made in writing.
- 75% of the paid amount will be refunded fo cancellations made two months prior to the event.
 - 50% of the paid amount will be refunded fo cancellations made two months prior to the event.
 - NO REFUND for cancellations made less than one month to the event.

Email or Whatsapp it

@ info@arabew.com

+965 97772806



The Arab Energy & Water

Conference & Exhibition

المؤتمر والمعرض العربي للطاقة والمياه

October 11th & 12th, 2023

Radisson Blu Hotel, Al Hashemi Hall
State of Kuwait

www.ArabEW.com



WITH THE SUPPORT OF



MANAGED BY



CONTACT US

Whatsapp/Call +965 97772806 @ Email info@arabew.com