

MENA Europe Future Energy Dialogue

Agenda

8 June 2022

High-level opening and closing sessions

Green hydrogen

Finance & Technology

Energy efficiency

Renewable energy integration and interconnection

Side events

Conference registration

Partners



Implementing Agencies



Supporters



MEFED 2022
MENA Europe Future Energy Dialogue

Partner Event 1	Harraneh 1
09:00 – 10:30	B2G dialogue on green hydrogen Organizing partner: German Chambers of Commerce

- Speakers:**
- Eng. Amani Mohamed Al Azzam, *Secretary General, Ministry of Energy and Mineral Resources, Jordan*
 - Dr Falk Bömeke, *Director Bilateral Energy Cooperation, Federal Ministry for Economic Affairs and Climate Action, Germany*
 - Dr Michael Losch, *Special Representative for Green Industrial Policy, Federal Ministry of Republic of Austria, Climate Action, Environment, Energy*
 - Benjamin Schröder, *Head of Global Regional Communications, Siemens Energy*
 - Badr Ikken, *Vice President, Green Economy Commission of the General Confederation of Moroccan Enterprises (CGEM)*
 - Andreas Beckers, *CEO, Thyssenkrupp Industrial Solutions Egypt*
 - Hammad Masood, *CEng Director Business Development- Green Hydrogen, ACWA Power*

- Moderator:**
- Dr Dalia Samra-Rohte, *Delegate, German-Saudi Arabian Liaison Office for Economic Affairs (GESALO)*

- Discussion topics:**
- Regulatory framework for projects in the MENA region (e.g. regarding sustainability requirements)
 - Leveraging public and private investments

Partner Event 2	Harraneh 2
09:00 – 10:30	Key drivers for the use of hydrogen and outlook to 2050 for hydrogen trade Organizing partner: IRENA

- Speakers:**
- Dr Dolf Gielen, *Director, IRENA Innovation and Technology Centre Bonn*
 - Julia Terrapon-Pfaff, *Head Research Unit International Energy Transitions, Wuppertal Institut*
 - Jürgen Kern, *Project Manager Institute of Networked Energy*

Systems, German Aerospace Center (DLR)

- Camilla Palladino, *Executive VP Corporate Strategy & Investor Relations, Snam*
- Rob Stevens, *President, Ammonia Energy Association*

- Moderator:**
- Barbara Jinks, *Programme Manager - Green Gas Delivery and Use, IRENA Innovation and Technology Centre Bonn*

- Discussion topics:**
- IRENA studies on hydrogen trade, carriers, geopolitics and green ammonia
 - MENA Fuels study on hydrogen production potentials in the MENA region
 - Enabling measures and actions needed in the next decade to facilitate the necessary urgent demand, supply and trade of green hydrogen between MENA and EU

Partner Event 3	Dead Sea 1+2
09:00 – 10:30	Roundtable on the role of infrastructure for deepening cooperation between Europe and MENA Organizing partner: Guidehouse

- Roundtable participants:**
- Stefan Kapferer, *CEO, 50Hertz Transmission GmbH*
 - Eng. Omar Alkurdi, *Chairman of the Board, NEPCO*
 - Eng. Jamila Matar, *Director, League of Arab States*
 - Eng. Jomaa Souissi, *Directeur Central Stratégies et Planification, STEG*
 - Dr Daniela Beckmann, *Director North Africa, KfW Development Bank*
 - Hasan Ozkoc, *Director, MEDREG*
 - Angelo Ferrante, *Secretary General, MedTSO*
 - Prof. Dr Mario Ragwitz, *Director, Fraunhofer IEG*
 - Arno Bux, *Chief Commercial Officer, Fluxys*
 - Sabah Mashaly, *CEO and Managing Director, Egyptian Electricity Transmission Company*
 - Gabriel de Lastours, *Southern and Eastern Mediterranean (SEMED) Regional Head of Energy, EBRD*
 - N.N., *Ministry for Economic Affairs and Climate Action, Germany*
 - Etc.

Moderator: • Karoline Steinbacher, *Associate Director, Guidehouse*

- Discussion topics:**
- Accelerating electricity, gas and hydrogen infrastructure development
 - Infrastructure needs to enable renewables trade between MENA and Europe
 - Cooperation between TSOs and regulators in MENA and Europe
 - Financial mechanisms for infrastructure development
 - Interlinks to market development, e.g. Pan-Arab Electricity Market

Partner Event 4	Harraneh 5
09:00 – 10:30	The road towards COP 27 and 28: the role of the MENA region in global decarbonization
	Organizing partner: IEA

- Speakers:**
- H.E. Dr Muawieh Khalid Radaideh, *Minister of Environment, Jordan*
 - H.E. Dr Jassim Abdulazeez Hammadi, *Minister of Environment and Special Envoy for Climate, Iraq*
 - H.E. Dr Mohamed Shaker El-Markabi, *Minister of Electricity and Renewable Energy, Egypt (requested)*
 - H.E. Jennifer Morgan, *State Secretary and Special Envoy for International Climate Action, Federal Foreign Office, Germany*

Moderator: • H.E. Mary Burce Warlick, *Deputy Executive Director, International Energy Agency (IEA)*

- Discussion topics:**
- Relevance of the upcoming COPs for the energy transition in the MENA region
 - Mitigation potential of the MENA region

Partner Event 5	Harraneh 6
09:00 – 10:30	Energy Efficiency in the Jordanian Private Sector - Success Stories and Opportunities
	Organizing partner: GIZ Jordan

- Speakers:**
- Dr Rasmi Hamzeh, *CEO, Jordan Renewable Energy and Energy Efficiency Fund*
 - Eng. Lina Mobaideen, *Project Manager, Jordan Renewable Energy and Energy Efficiency Fund*
 - Eng. Maen Ayasrah, *Head of Energy and Environmental Sustainability Unit, Jordan Chamber of Industry*
 - Dr Karsten Lindloff, *Project Director, German Energy Agency GmbH (dena)*

Moderators:

- Zain Wahbeh, *GIZ Jordan*
- Luma Ghoul, *GIZ Jordan*

- Discussion topics:**
- Jordan's flagship projects in the field of energy efficiency
 - The potential of digitalisation in energy efficiency programs

Opening Session	Philadelphia Hall
11:15 – 12:00	Conference Opening
High-level opening session with speeches from:	<ul style="list-style-type: none"> • H.E. Dr Robert Habeck, <i>Minister for Economic Affairs and Climate Action and Vice Chancellor, Germany</i> • H.E. Dr Saleh Al-Kharabsheh, <i>Minister of Energy and Mineral Resources, Jordan</i>

Signing Ceremony	Philadelphia Hall
12:00 – 12:15	Signing Ceremony
	<ul style="list-style-type: none"> • The Parties present at MEFED make a Declaration on the ambition for the regional energy transition and climate action

Keynote Speeches Philadelphia Hall

12:15 – 12:30 **Keynote Speeches**

- Speakers:**
- H.E. Aziz Abdulhussain, *Deputy Secretary General, League of Arab States*
 - Francesco La Camera, *Director General, IRENA*

Ministerial Panel Discussion Philadelphia Hall

12:30 – 13:30 **Outlook of mutual benefits and energy relationships between Europe and the MENA region**

- Speakers:**
- H.E. Suhail Mohamed Al Mazrouei, *Minister of Energy and Infrastructure, United Arab Emirates*
 - H.E. Jozef Síkela, *Minister of Industry and Trade, Czech Republic and representative of the upcoming Presidency of the Council of the European Union*
 - H.E. Tarek El Molla, *Minister of Petroleum and Mineral Resources, Egypt*
 - H.E. Adil Kareem, *Minister of Electricity, Iraq (requested)*
 - H.E. Dr Rola Dashti, *Executive Secretary, UN-ESCWA*

Session 1 on Green Hydrogen Philadelphia Hall

15:00 – 16:15 **Green hydrogen: benefits of cooperation for the MENA region and Europe**

- Speakers:**
- Badr Ikken, *Vice President, Green Economy Commission of the General Confederation of Moroccan Enterprises (CGEM)*
 - Dr Christian Bruch, *CEO, Siemens Energy*
 - Niek den Hollander, *Chief Commercial Officer, Uniper*
 - Prof. Dr Mario Ragwitz, *Director, Fraunhofer IEG*

Moderator: • Torsten Fritsche, *Programme Director Bilateral Energy Partnerships, GIZ*

Discussion topics: • Benefits of cooperation

- Economic and socioeconomic effects and benefits
- Role of green hydrogen for decarbonization
- National green hydrogen strategies
- Showcasing the benefits of cooperation coming to life in concrete projects
- Transitional period for green hydrogen & renewable electricity needed for green hydrogen facilities
- Reducing costs through economies of scale via increased cooperation and joint investments

Session 1 on Energy Efficiency Wadi Rum 1+2

15:00 – 16:15 **Regional challenges and best practices for improved building energy performance**

- Speakers:**
- H.E. Dr Walid Fayad, *Minister of Energy and Water, Lebanon*
 - H.E. Mary Burce Warlick, *Deputy Executive Director, International Energy Agency (IEA)*
 - John Paul Grech, *Deputy Secretary General for Social & Civil Affairs, Union for the Mediterranean*
 - Ammar Elnasser, *Managing Director for Iraq, Jordan and Levante region, Siemens AG*
 - Souad Farsi, *Representative for Jordan, European Investment Bank*
 - Heba Nazer, *Board Member, Jordan Green Building Council*

Moderator: • Pierre El Khoury, *General Director and President of the Board, Lebanese Center for Energy Conservation*

- Discussion topics:**
- Role of buildings in decarbonization efforts
 - Practical implementation challenges of building codes
 - Enforcement of buildings codes in practice
 - Redirecting subsidies from energy bills to energy efficient equipment
 - Certification of energy service provider

Session 2 on Green Hydrogen Philadelphia Hall

16:45 – 18:00 **Enabling green hydrogen trade: the role of transport and certification**

- Speakers:**
- H.E. Tinne van der Straeten, *Minister of Energy, Belgium*
 - Ingrid-Gabriela Hoven, *Managing Director, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH*
 - Dr Daniel Teichmann, *CEO, Hydrogenious*
 - Prof. Ala'aldeen Al-Halhouli, *President of the German-Jordanian University GJU*
 - Renzo Tomellini, *Chief of the Technical Secretariat, Ministry for Ecological Transition, Italy*

- Moderator:**
- Dr Falk Bömeke, *Director Bilateral Energy Cooperation, Ministry for Economic Affairs and Climate Action, Germany*

- Discussion topics:**
- Sustainability criteria and certification as the foundation of trade and support of energy transition and economic activity
 - The creation of the hydrogen value chain and its interlinkages with social, economic, and ecologic sustainability
 - Discussion of different transport options (ship or pipeline) for different parts of MENA
 - Market developments on transport technologies
 - Benefits of regional cooperation on transport
 - The role of international and development co-operation in creating a sustainable hydrogen market

Session 2 on Energy Efficiency Wadi Rum 1+2

16:45 – 18:00 **Energy efficiency in industry & water sector**

- Speakers:**
- H.E. Awaidha Murshed Al Marar, *Chairman of the Abu Dhabi Department of Energy*
 - Eng. Bashar Bataineh, *Secretary General, Water Authority, Jordan*
 - Jauad El Kharraz, *Executive Director, RCREEE*
 - Kristina Haverkamp, *Managing Director, German Energy Agency GmbH (dena)*
 - Dr Ute Collier, *Deputy Director, Knowledge Policy and Finance Center, IRENA*
 - Dietmar Siersdorfer, *Managing Director Middle East, Siemens Energy*

- Moderator:**
- Dr Dureid Mahasneh, *Chairman of EDAMA*

- Discussion topics:**
- Decarbonization potentials in industry
 - Energy efficiency in the water sector
 - Industry emissions standards to enable sustainable trade
 - The role of circular economy
 - Energy management system ISO 5000

Side Event **Harraneh 1**

08:00 – 09:00 **Women Energize Women: Networking Breakfast**

- Hosts:**
- Eng. Shorouq AbdelGhani, *Director of Planning & Organizational Development Department, Ministry of Energy and Mineral Resources, Jordan*
 - Ellen von Zitzewitz, *Deputy Director Bilateral Energy Cooperation, Ministry for Economic Affairs and Climate Action, Germany*

Concept:

- Short welcoming remarks by the hosts followed by a light breakfast reception to facilitate networking between the attending women.

Opening Session **Philadelphia Hall**

09:30 – 10:45 **Scaling up renewables: economic growth in the context of Green Recovery**

- Speakers:**
- H.E. Radaideh Muawieh, *Minister of Environment, Jordan*
 - H.E. Dr Jassim Abdulazeez Hammadi, *Minister of Environment and Special Envoy for Climate, Iraq*
 - H.E. Alexander Nikolov, *Minister of Energy, Bulgaria*
 - H.E. Jennifer Morgan, *State Secretary and Special Envoy for International Climate Action, Federal Foreign Office, Germany*
 - H.E. Zafer Milhem, *Chairman of the Palestinian Energy and Natural Resources Authority PENRA*
 - Birgit Schwenk, *Director General, Ministry for Economic Affairs and Climate Action, Germany*

Moderator:

- Dr Rabia Ferroukhi, *Director Knowledge, Policy and Finance Center, IRENA*

- Discussion topics:**
- Socio-economic benefits of renewable energy and regional cooperation
 - RE capacity expansion and long-term strategies and their contribution to sustainable budgets and trade balances
 - Green economy (local value creation, employments effects, reduction of energy poverty)
 - Potential of decentralized energy production to lower energy costs for the population
 - Challenges of decarbonizing fossil fuel dependent economies while ensuring just transition

Session 1 on Renewable Energy **Philadelphia Hall**

11:15 – 12:30 **Regional integration and interconnections for electricity**

- Speakers:**
- Amjad Rawashdeh, *General Manager, NEPCO*
 - Jamila Matar, *Director Energy Department, League of Arab States*
 - Angelo Ferrante, *Secretary General, MedTSO*
 - Stefan Kapferer, *CEO, 50Hertz Transmission GmbH*
 - Eng. Sabah Mashaly, *CEO and Managing Director, Egyptian Electricity Transmission Company*
 - Dr Zoheir Hamedi, *MENA Regional programme officer, IRENA*
 - Ali Zerouali, *Head of International Cooperation & Development, Masen*

Moderator:

- Dr Karoline Steinbacher, *Associate Director, Guidehouse*

- Discussion topics:**
- Challenges and benefits of interconnection, energy market integration and cross-border trade
 - Economic effects of interconnection
 - Renewable energy integration effects of interconnection
 - Development of a regional market and local value creation
 - Roles and responsibilities of actors

Session 1 on Finance & Technology

Wadi Rum 1+2

11:15 – 12:30

Financing the energy transition in MENA and Europe

- Speakers:**
- Christoph Rauh, *Director Africa, Federal Ministry for Economic Cooperation and Development, Germany*
 - Aida Sitdikova, *Director of Energy Eurasia MEA, EBRD*
 - Ahmed Badr, *Director, Project Facilitation and Support, IRENA*
 - Dr Maged Mahmoud, *Technical Director, RCREEE*
 - Hussein Mogaibel, *Global Lead Energy Specialist, Islamic Development Bank*

- Moderator:**
- Karim oud Chih, *Principal Portfolio Manager, KfW*

- Discussion topics:**
- Access to finance
 - De-risking renewable energy and energy efficiency investments
 - Arab Future Energy Index™ (AFEX)
 - Policies and approaches for enhanced private sector engagement
 - Challenges to financing renewable energy and green hydrogen projects

Session 2 on Renewable Energy

Philadelphia Hall

14:00 – 15:15

Flexibility options for integrating renewables

- Speakers:**
- Eng. Amani Mohamed Al Azzam, *Secretary General, Ministry of Energy and Mineral Resources, Jordan*
 - Hasan Özkoç, *Director, MEDREG*
 - Hanna Zaghoul, *CEO, Kawar Energy*
 - Jan Konstanty, *EVP Strategic Partnerships, SMA Solar Technology AG*

- Moderator:**
- David Wedepohl, *Managing Director International Affairs, German Solar Association (BSW-Solar)*

Discussion topics:

- Security of supply and grid stability
- Demand side management
- Development and acceleration of renewable energy capacities
- Flexibility options
- Grid operation
- Digitalization and communication
- Market arrangements, instruments, and tariffs for RES integration

Session 2 on Finance & Technology

Wadi Rum 1+2

14:00 – 15:15

Transformation of the energy system: innovations and technological outlook

- Speakers:**
- Dr Cetin Nazikkol, *CEO Asia Pacific Africa, Thyssenkrupp*
 - Ahmad Altawafsheh, *CEO and Founder, Algebra Intelligence*
 - Joachim Goldbeck, *CEO, Goldbeck Solar*
 - Ghaith Khzai, *Director Smart Systems & Digital Platform, Jordanian Electric Power Company (JEPSCO)*
 - Philippe Peccard, *Vice President Clean Energy, Linde*
 - Radia Sedaoui, *Chief Energy, Climate Change and Natural Resources Sustainability Cluster, UNESCWA*

- Moderator:**
- Matthias Schimmel, *Managing Consultant, Guidehouse*

- Discussion topics:**
- Green hydrogen (production, transport and demand)
 - Transformation of industry
 - Scaling and cost reduction of renewable energies
 - System integration – adapting to new production and demand patterns
 - Supporting frameworks for innovation

Partner Event 1	Dead Sea 1+2
15:45 – 17:00	Regional integration possibilities
	Organizing partners: League of Arab States, RCREEE, OME, ESCWA

- Speakers:**
- Radia Sedaoui, *Chief Energy, Climate Change and Natural Resources Sustainability Cluster, ESCWA*
 - Jamila Matar, *Director Energy Department, League of Arab States*
 - Emanuela Menichetti, *Director of the Electricity and Renewable Energy Division, OME*
 - Zoheir Hamedi, *MENA Programme Officer, IRENA*
 - Jauad El Kharraz, *Executive Director, RCREEE*

- Discussion topics:**
- Accelerating progress on SDG 7
 - Leveraging extractive industries
 - Support Climate Actions

Partner Event 2	Harraneh 2
15:45 – 17:00	Geopolitical impact of the energy transition for Jordan
	Organizing partners: Konrad-Adenauer-Stiftung, GIZ Jordan, and H2Diplo

Jordan and the Geopolitics of Energy Transition: Geopolitical dimensions and opportunities of the future energy landscape

- Discussion topics:**
- Geopolitics of the Energy Transition with focus on Jordan and the Middle East
 - New Arenas – The Geopolitics of Hydrogen and Electricity

Partner Event 3	Harraneh 1
15:45 – 17:00	Energy efficiency as a key driver for sustainable economic growth in the Palestinian Territories
	Organizing partners: BMZ, GIZ Palestinian Territories, The Office of the European Union Representative (West Bank and Gaza Strip, UNRWA) and ESCWA

- Speakers:**
- N.N., *The Office of the European Union Representative (West Bank and Gaza Strip, UNRWA)*
 - Christoph Rauh, *Director Africa, Federal Ministry for Economic Cooperation and Development, Germany*
 - Philip ter Woort, *Director for Eastern Mediterranean region, EBRD*
 - Soha Adwallah, *Director General for International Relations and Economic Policy, Ministry of National Economy, Palestinian Territories*
 - Gerold Schwarz, *Head of Programme, GIZ Palestinian Territories*
 - Ahmed Abubakher, *Director, Small Enterprise Center*
 - Shadi Shaheen, *Executive Director, Union of Stone and Marble Industry Palestine*
 - Rasheed Nashashibi, *Assistant Director, Golden Walls Hotel Jerusalem, Board Member, Arab Hotel Association*

- Moderator:**
- Rasmi Hamzeh, *CEO, Jordan Renewable Energy and Energy Efficiency Fund (JREEEF)*

- Discussion topics:**
- Team Europe's cooperation with the public and private sector to increase sustainability and improve environmental impact
 - Contribution to improved competitiveness in local, regional, and international markets
 - Energy efficiency and better usage of natural resources

Partner Event 4	Dead Sea 1+2
17:00 – 18:00	From Vision to Action: Translating the objectives of the UfM Ministerial Declaration on Energy into a Roadmap Organizing partner: OME
Speakers:	<ul style="list-style-type: none">• Grammenos Mastrojeni, <i>Senior Deputy Secretary General, UfM Secretariat</i>• Yacoub Marar, <i>Director, Renewable Energy and Energy Efficiency Department, Ministry of Energy and Mineral Resources, Jordan</i>• Marco Berti Palazzi, <i>International Relations and Enlargement Unit, DG Energy, European Commission</i>• Roberta Boniotti, <i>Secretary General, MEDENER</i>• Angelo Ferrante, <i>Secretary General, MedTSO</i>• Hasan Özkoç, <i>Director, MEDREG</i>• Houda Allal, <i>General Director, OME</i>• Jauad El Kharraz, <i>Executive Director, RCREEE</i>• Kamel Ben Naceur, <i>President of the Committee of Wise Persons</i>
Moderator:	<ul style="list-style-type: none">• Emanuela Menichetti, <i>Director, Renewable Energy and Electricity Division, OME</i>
Discussion topics:	<ul style="list-style-type: none">• Enabling the conditions for increased regional energy cooperation• Main measures of the roadmap

Partner Event 5	Harraneh 6
15:45 – 18:00	Training: Introduction to PtX and Green Hydrogen Organizing partner: GIZ PtX Hub
Speaker:	<ul style="list-style-type: none">• Torsten Schwab, <i>Head of Global PtX Hub</i>• Carla Reihle, <i>Advisor, Global PtX Hub</i>
Contents:	<ul style="list-style-type: none">• Renewable Power-to-X Training• Transformation of renewable energy into synthetic fuels and other chemicals• Provision of a comprehensive overview of the entire value chain of PtX• Discussion and assessment of the potential production, application, and export of renewable PtX products