



Dii Desert Energy
World's first organization
for energy from the deserts

Photographer © Sven Laurent

Our Mission: No Emissions!

Dii Desert Energy has been pioneering the energy transition in the MENA region since 2009



Dii DESERT ENERGY

Dii Desert Energy is an independent, international, industry network operating from Dubai. With its footprint in MENA, it is connecting people, countries and clean energy markets globally, paving the way for “net zero emission”, secure and affordable energy from the deserts.

Dii Desert Energy aims at transforming the energy systems in desert areas of the Middle East and North Africa (MENA) in a holistic way, benefitting from the knowledge, expertise, and business connections from its professional staff and partners, including a top-level Advisory Board. Dii’s team consists of well-respected senior professionals in the international energy market, with experience in (green) energy industry management, projects, investments, regulations and public policy.

Dii GmbH, the legal entity of Dii Desert Energy, was launched in 2009 as an industry initiative in Germany (formerly ‘**Desertec Industrial Initiative**’) for accelerating the energy transition in the MENA region and export of “net zero emission” energy. Dii believes that once the domestic needs have been sufficiently satisfied with emission free energy, MENA will become a ‘Powerhouse’ of clean energy, both electrical power (electrons) and gases, fuels or solids (molecules), serving the world energy markets. This is being recognized in the market under the umbrella of the ‘Desertec 3.0’ approach.

In early 2020, Dii launched the **MENA Hydrogen Alliance**, which brings together private and public sector actors as well as science and academia to kick-start green hydrogen economies. The Alliance provides a platform for partners to meet and discuss pathways forward, to formulate common studies and connect producers and off-takers. The alliance acts as an impartial advisor to promote initiatives in the region, elaborates (potential) business cases and structure for large projects, proposes the necessary policy and regulatory frameworks, and educates different stakeholders on all relevant aspects of the hydrogen value chain, from ‘source to sink’, including export of virtual (renewable and carbon characteristics) and physical energy carriers.

In 2023 Dii launched a new initiative, the **Zero Emissions Traders Alliance (ZETA)**, based in Dubai. Its aim is to create a global platform for clean energy traders, giving substance to Dii’s “no emissions” mission. ZETA will, thus, help energy markets and energy traders to reduce and avoid “greenhouse” effects based on market principles. In this context, Dii Desert Energy is giving guidance to climate neutral energy traders, energy suppliers and the off-takers community with a footprint in MENA.

Desert Energy is connecting the regional and international industry with authorities and institutions and focuses in particular on practical conditions along the emission-free energy value chains. Dii’s platform of more than 110 companies and organizations from over 35 countries is mobilizing top executives, government decision makers, R&D institutions and academia.

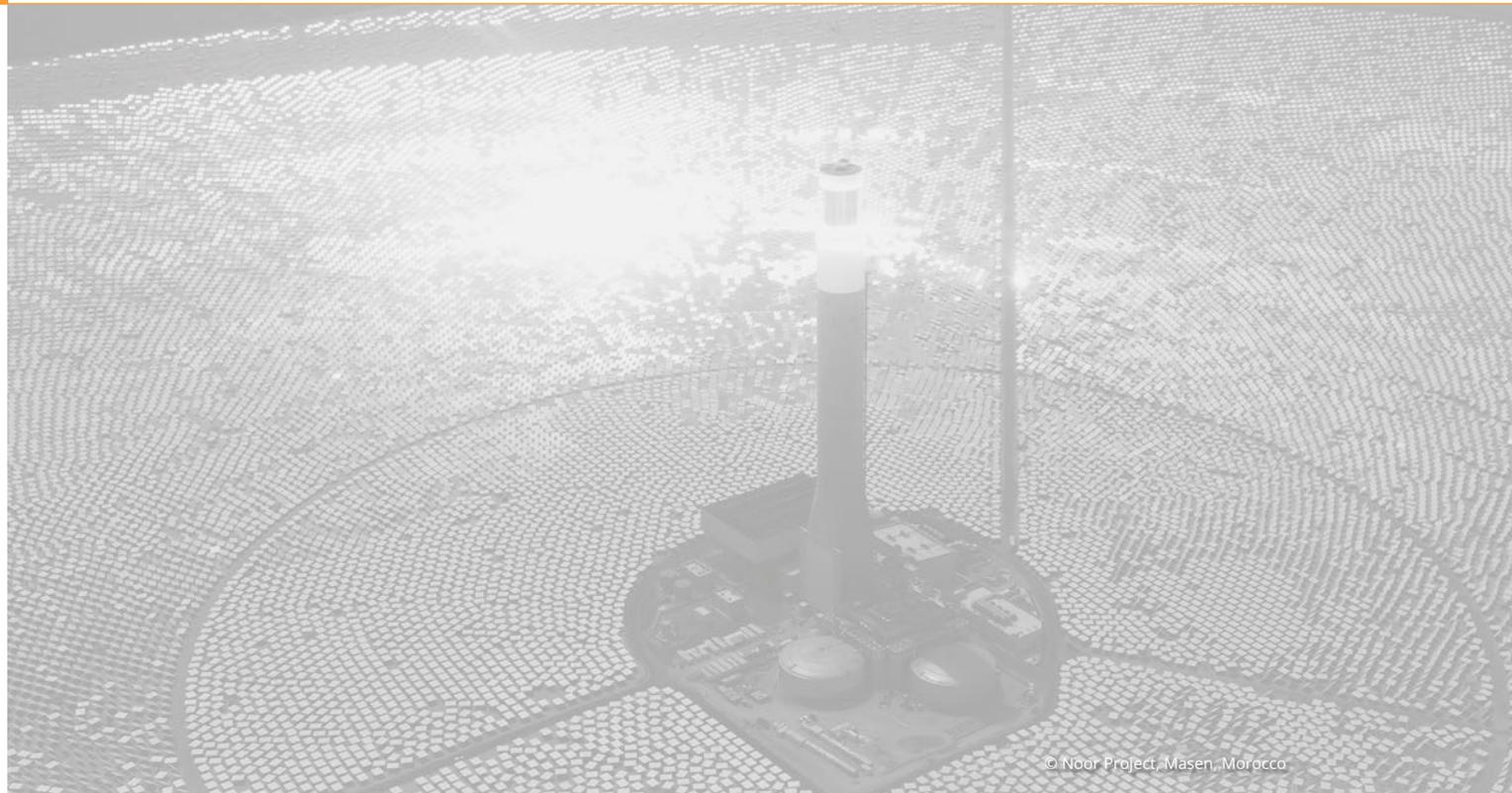
Our Mission: No Emissions!



CONNECTING ENERGY LEADERS FOR A SUSTAINABLE FUTURE

Objectives

- ▶ **Market Enabler:** Accelerating the energy transition in the Arab World towards supply of 'green electrons' and 'green molecules' across the regional and global energy value chains.
- ▶ **Job Creation:** Encouraging sustained prosperity and stability in the region through the creation of local jobs and industries associated with the energy transition.
- ▶ **Green Powerhouse:** Encouraging the MENA region to becoming the largest 'green powerhouse' in the world.
- ▶ **Collaborative Platform:** Capitalizing on new opportunities by bringing together the private sector, the public sector and academia.
- ▶ **Emission-Free Transition:** Assisting in the transition from the current fossil fuel basis towards emission free supply.
- ▶ **Fostering Partnerships:** Enabling lighthouse projects and creating unique business opportunities for our partners.



© Noor Project, Masen, Morocco

Benefits

- ▶ **The Advisory Board:** Dii Desert Energy is supported by eminent experts and visionaries in the field of emission-free energy. They drive business for their companies, shape policy for their countries and propel innovation for the sector, allowing them to guide Dii's direction.
- ▶ **The annual Dii Desert Energy Leadership Summit:** Since 2010, the Dii's annual summit has moved across three continents with a unique profile in the market. By invitation only CEOs gathering with high quality content for concrete impact.
- ▶ **The Dii Partner Meeting:** Bringing together Strategic, Lead and Associated Partners in a closed-door and focused gathering of leaders with the joint mission of advancing tangible projects to reduce harmful emissions and forging new partnerships.
- ▶ **Studies and Thought Leadership:** Dii Desert Energy regularly initiates studies on emerging topics: technologies, interconnections and markets, green electrons or green molecules. Partners can be co-author/featured in different studies through bilateral interviews. Our reports are unique: they include firsthand information from the market, analyzed by Dii's independent and experienced research team. The academic approach is combined with top management views and practical experiences.
- ▶ **Strategic Communication & Events:** As impartial platform, Dii helps promoting strategies and amplify announcements. Promotion through the events' portfolio, quarterly newsletter (partners achievements and announcements), digital platforms, amplification leveraging Dii 'network of networks'. Invitation to high level networking events like Dii Iftar, top management briefings and dinners, as well as roundtables with policy makers, think-tanks and research institutes.
- ▶ **Projects Insights:** Over the last 14 years, Dii Desert Energy has been monitoring solar, wind and more recently hydrogen projects in MENA, creating a unique database with special insights for our partners. Financial tools, market studies and much more is available in the 'partner only section' on the Dii website.

PARTNERSHIP OPPORTUNITIES

Dii Desert Energy is bundling the forces of over 110 Dii partners for the benefit of emission reduction, energy security, affordability and local content in MENA and beyond.



Strategic Partner

- ▶ Invite-only high-level club led by visionary executives
- ▶ Prominent communication presence at the forefront of the energy transformation regionally and globally. Logo to be displayed as 'Strategic Partner'
- ▶ Distinguished partner and long-term Dii supporter with bold leadership for the energy transition
- ▶ Active part of the lean corporate governance and strategic direction of the organization
- ▶ Nominates a representative for the Dii Advisory Board
- ▶ Includes a Platinum sponsorship and ten free tickets at the Annual Leadership Summit
- ▶ Preferred access to Dii senior management for bilateral and strategic advisory
- ▶ Leverage on elite energy network to position new strategies and fast track execution for growth on several aspects: technology innovation, renewables, desalination and green hydrogen



Lead Partner

- ▶ By invitation only; distinguished partner with long term proven leadership and commitment
- ▶ High profile in all Dii communications and publications. Logo to be displayed as 'Lead Partner'
- ▶ Nominates a representative for the Dii Advisory Board
- ▶ Preferred access to Dii experts and closed meetings with policy makers and industry captains within Dii's Network
- ▶ Includes a Gold sponsorship and five free tickets at the Annual Leadership Summit
- ▶ Includes an additional free sponsorship and opportunity to host a Dii Partners' meeting
- ▶ Preferred access to Dii events and high-level networking receptions



Associated Partner

- ▶ Proven footprint in MENA and commitment to Dii's network and the energy transition
- ▶ By Invitation only
- ▶ Featuring in all Dii communications and publications. Logo to be displayed as 'Associated Partner'
- ▶ Preferred access to Dii network and direct introductions to fellow partners and key stakeholders, including the Advisory Board
- ▶ 50% discount to access the Summit and free access to the by invitation only Dii Partner meeting
- ▶ High-level presentation in the 'Dii Partner meeting' to present projects updates and partnership opportunities
- ▶ Exclusive access to market intelligence: and complementary access to the Dii Project Database and Hydrogen Tracker, the Toolkit for Project Developers, the Levelized Cost of Energy (LCoE), Storage (LCoS), Hydrogen (LCoH) and Ammonia (LCoA), e-Fuels financial models.

Joining this exclusive network is only possible **upon invitation** and it is **subject to approval** by Strategic Partners.

ADVISORY BOARD

Meet our expert advisory board: pioneering emission-free energy solutions.



Frank Wouters

Senior Vice President
Reliance Industries Limited
Chair, Advisory Board
Mena Hydrogen Alliance



Paul van Son

President
Dii Desert Energy



Cornelius Matthes

Chief Executive Officer
Dii Desert Energy

Members



Peter Terium

CEO
ENOWA, Saudi Arabia



Marco Arcelli

CEO
ACWA Power, Saudi Arabia



Yalou Li

Deputy Director of
State Grid Simulation Center
China Electric Power Research Institute (CEPRI), China



Dr. Cetin Nazikkol

Chief Strategy Officer
Decarbon Technologies
thyssenkrupp, Germany/UAE



Sami Al Angari

Vice Chairman and CEO
Al Gihaz, Saudi Arabia



Hussain Al Nowais

Chairman
AMEA Power, UAE



Aymane Taud

President & CEO
Nareva, Morocco



Ebubekir Koyuncu

Chief Executive Officer
Air Products Qudra Saudi Arabia



Mohammed Jameel Al Ramahi

CEO
Masdar, UAE



Katherina Reiche

Chairwoman
National Hydrogen Council
Chairwoman of the Board
Westenergie, Germany



Frank Yu

Vice President
Envision Energy China



Joachim Meister

SVP Global Power & New Energy
Worley, Australia



Antonio Iliceto

Energy Systems and Power Transmission Expert, Chairman
Cigré, Italy



Tarik Hamane

Acting CEO
Masen, Morocco



Horst Mahmood

CEO & Executive Chairman
Smartenergy, CH



Harry Boyd-Carpenter

Managing Director, Green Economy and Climate Action
EBRD, UK



Khalid bin Hadi al Yafei

Managing Director UAE
Siemens Energy, UAE



Em. Prof. Dr. Ad van Wijk

Future Energy Systems
TU Delft, Holland



Waleed Salman

Executive Director
DEWA, UAE



Khalid Rashid Al Zayani

Honorary Chairman, *Al Zayani Investments*
Vice-Chairman, *Investcorp Holding, Bahrain*



Dr. Ahmed Ali Al Ebrahim

CEO
GCCIA Saudi Arabia



Adamo Screnci

Vice President – Licensing & Business Development
NextChem, Italy



Alexander Sarac

Partner
Addleshaw Goddard, Saudi Arabia



Jamila Matar

Director & Head of Energy Division
League of Arab States, Egypt



Bertrand Picard

Founder
Solar Impulse, CH



Rory O'Neill

Executive Chairman
Europagrid, Ireland

Our Strategic Partners



Our Lead Partners



Our Associated Partners





MENA Hydrogen Alliance

An initiative of Dii Desert Energy

We aim to create the MENA hydrogen community with a regional focus and global scope to accelerate the deployment of low-carbon hydrogen.

The Alliance is the platform for members to meet and discuss pathways forward, and it acts as the 'voice' and 'convener' of the hydrogen sector in the MENA region, including the private sector, public sector and academia.

We support the variety of hydrogen applications to integrate more renewables and as impartial advisor, we guide the private sector and stakeholders on global policies, regulatory framework, funding mechanisms and technology development.

As part of our advocacy activities, we elaborate joint studies and strategic reports, as well as host knowledge transfer workshops and roundtables.

Vision

- ▶ To be a truly collaborative private-public platform with the MENA Hydrogen Alliance as convener. The Alliance aims to be the thought leader for hydrogen action in the MENA region and beyond.

Objectives

- ▶ To kick-start local hydrogen economies to spur investments, stimulate innovation, create jobs and explore export revenue opportunities.
- ▶ To guide policymakers and stakeholders with solid technical and economic information, such as on hydrogen technologies and business cases.
- ▶ To accelerate investments in hydrogen technologies and powerfuels by stimulating international markets.
- ▶ To connect industry captains to create practical conditions for business opportunities.
- ▶ To foster international cooperation and building long-term partnerships to develop local and export markets for green molecules.

To join the Alliance, an organization must adhere to Dii Desert Energy's Network as Partner, committing to the alliance's shared vision and to contributing to its operational work.

Supported by





ZETA

An initiative of Dii Desert Energy

Zero Emissions Traders Alliance (ZETA) is an initiative designed to help shape a transparent market for (initially liquid) physical and virtual clean energy products with a focus on the MENA region.

ZETA promotes the “ Clean Energy Hub”, a platform where buyers and sellers of green commodities can transact in a transparent manner and where green molecules or electrons can be traded. ZETA is a non-for-profit foundation established in The Netherlands with the team based in the UAE. First activities are taking off in GCC and Turkey with a cross-regional focus. ZETA is a stand-alone entity in close cooperation with Dii Desert Energy. Dii Partners that wish to join ZETA will enjoy a reduced annual ZETA Partner fee from 2024 onward.

Objectives

- ▶ **Build Platforms:** Aiming to provide local companies with a platform to hedge market risks, encourage investments in carbon-neutral projects, and facilitate transparent price discovery for zero-emission products. The foundation will collaborate with market facilitators, regional governments, and stakeholders in other markets to achieve its goals.
- ▶ **Stimulate Development:** Stimulating market development by providing local companies with a platform to hedge their market risks, thus encouraging safer investments and promoting new investments in carbon-neutral projects.
- ▶ **Enable Price Discovery:** Enabling transparent price discovery for zero-emission products through neutral platforms and marketplaces, which can lead to increased liquidity as these products develop.
- ▶ **Collaborate with Stakeholders:** Collaborating with market facilitators, regional governments, and stakeholders in other markets to establish standard contracts, regulations, and mutually acceptable green standards and certificates.
- ▶ **Educate Stakeholders:** Educating stakeholders on market functioning, analyzing the current market design in the MENA region, and recommending regulatory initiatives to close identified gaps.
- ▶ **Hub for Initiatives:** Serving as a neutral platform for open discussions, collaboration, and fostering industry opinion on key issues related to zero-emissions markets and carbon neutrality.

Vision

- ▶ **Sustainability:** We are dedicated to promoting the development and growth of net-zero and green commodity markets, contributing to the carbon-neutrality goals of MENA countries and a sustainable future for all.
- ▶ **Collaboration:** We value partnerships and cooperation among various stakeholders, including governments, companies, investors, and individuals, fostering a collaborative environment to advance the net zero market in the region.
- ▶ **Transparency:** We strive to create transparent and efficient marketplaces, enabling fair price discovery and increased liquidity for both physical and virtual products, ultimately a liquid and transparent net-zero market.

Dii DESERT ENERGY GRAND TEAM



Paul van Son

*President
paul@dii-desertenergy.org*



Cornelius Matthes

*Chief Executive Officer
cornelius@dii-desertenergy.org*



Frank Wouters

*Chair, Advisory Board & MENA
Hydrogen Alliance
frank@dii-desertenergy.org*



Valeria Aruffo

*Director External Relations
valeria@dii-desertenergy.org*



Fadi Maalouf

*Chief Technology Officer
fadi@dii-desertenergy.org*



Sophia de Francesco

*Director of Events
sophia@dii-desertenergy.org*



Alexander Sarac

*External Legal Director
alexander@dii-desertenergy.org*



Chiara Aruffo

*Director of Research
chiara@dii-desertenergy.org*



Sascha Gaede

*Director Mediterranean
sascha@dii-desertenergy.org*



Shereen Bashi

*Head of Finance & Control
shereen@dii-desertenergy.org*



Youssef Takki Chebihi

*Director Wind & Localization
youssef.takkichebihi@gmail.com*



Monica Hashemi

*Director Operations Compliance
monicahashemi8@gmail.com*



Karim Magherbi

*Director Transaction Advisory
karim@dii-desertenergy.org*



Gerhard Hofmann

*Co-Head of Communications
hofmann@agentur-zukunft.eu*



Sascha Gaede

*Director Mediterranean
sascha@dii-desertenergy.org*



Thomas Isenburg

*Co-Head of Communications
thomas.isenburg@gmx.de*



Sibi Vetha Raj

*Research & Data
sibiraj2@gmail.com*



Lutz Cleffmann

*Media Relations
lutz.cleffmann@ecco-duesseldorf.de*



Matthias Braun

*Director of Partnerships
braun@ec-europa-campus.com*



Paolo Bruno

*Lead Working Group
pblion@hotmail.it*



Danny Achkar

*Lead Working Group
danny.achkar@gmail.com*



Lars Waldmann

*Director Power to X and Storage
Waldmann@energiewende-consult.de*

Dii PARTNER MEETINGS

The Dii Partner Meetings bring together our Strategic, Lead and Associated Partners, as well as Dii's Advisory Board, alongside VIP guests on a 'by invitation only' basis. They typically also include high level political and other regional stakeholders from the host country, creating a unique format for interaction and networking.

Strategic and Lead Partners have the first right to host a Dii Partner Meeting, which takes place 2-3 times a year. Like for the Dii Desert Energy Leadership Summit, the Dii Partner Meetings took place across Europe and MENA.

Our partners that hosted events always endeavored to make this memorable 1-2 days with some special surprises in the program. At this occasion, the host usually organizes a site visit and local features, which creates a unique experience, not just a conference!



THE ANNUAL Dii DESERT ENERGY LEADERSHIP SUMMIT

Since 2010 Dii Desert Energy's annual Leadership Summits have paved the way for climate neutral, lowest cost and secure energy from the MENA Deserts.

For 2023, this unique international event returned to Dubai, to showcase UAE's leading role as pioneer and innovator in the energy transition, having the largest installed solar capacity in MENA. We are honored that for this special edition, the Federal Ministry of Energy and Infrastructure of the UAE provided the official patronage. Under the theme 'TIME FOR CLIMATE ACTION – From Announcements to Tangible Projects', just ahead of COP28, with a prominent pre-COP reception, the Summit brings together the 'who is who' of global energy transition.

Strategies and projects to speed up the journey towards 'no harmful emissions', energy security and lowest costs in MENA are the key topics.

The annual summit gathers partners along the emission-free value chain, led by the 'doers of projects', from key developers, utilities and investors, making the Dii Summit a unique high-level meeting in the market with the common objective of kicking-off the creation of a market for zero emission energy.

Since 2010, the summit has moved between three continents, including several North African, European and Middle Eastern countries. The 14th edition is expected to take place in Riyadh, Kingdom of Saudi Arabia.



Dii IN PICTURES



Our Mission: No Emissions!

If you are interested in becoming a Partner or want to find out more about Dii please email info@dii-desertenergy.org

www.dii-desertenergy.org



© **Dii GmbH**

Leopoldstr. 244
80807 München
info@dii-desertenergy.org

Local Court Munich
HRB 183595

