



# PROGRAMME

## 9TH TUNISIAN-GERMAN ENERGY DAY

### THE ENERGY TRANSITION AS AN OPPORTUNITY IN CHALLENGING TIMES? – INNOVATIVE SOLUTIONS FOR A SUSTAINABLE RECOVERY

IN THE CONTEXT OF THE GERMAN-TUNISIAN ENERGY  
PARTNERSHIP

03 DECEMBER 2020, TUNIS

LANGUAGES: FRENCH / ENGLISH WITH SIMULTANEOUS TRANSLATION

MODERATORS: MRS. MARIA MEILER/MRS. DORRA CHIDA/ M. HOUSSEM BEL HADJ

**08:30** Registration

**08:45** Opening of the 9th German-Tunisian Energy Day

M. Belhassen Chiboub, General Director of Electricity and Energy Transition, Ministry for Industry, Energy and Mines (MIEM)

M. Thorsten Herdan, General Director Energy Policy, Heat, Efficiency, Federal Ministry for Economic Affairs and Energy (BMWi)

Mrs. Rike Sohn, Deputy Head of Cooperation, German Embassy in Tunis

**09:00** Session 1: Energy transition in Germany and Tunisia – innovation as a driver?

**The Tunisian and German energy transition: strategy, innovation as a key driver**

M. Belhassen Chiboub, General Director of Electricity and Energy Transition, Ministry for Industry, Energy and Mines (MIEM)

M. Thorsten Herdan, General Director Energy Policy, Heat, Efficiency, Federal Ministry for Economic Affairs and Energy (BMWi)

**09:25**

**Panel discussion**

M. Kamel Attia, Head of Division at the Department of Renewable Energy and Energy Efficiency, STEG

M. Fethi Hanchi, General Director, National Agency for Energy Conservation (ANME)

Dr. Peter Viebahn, Wuppertal Institute for climate, environment and energy

Mrs. Birgit Strube, In charge of North Africa, Federal Ministry for Economic Cooperation and Development (BMZ) (tbc)

**09:50**

**Discussion**

**10:10**

**Session 2: Innovative solutions in challenging times – the role of eco-systems**

*“The regulatory sandbox strategy – innovative solutions by connecting stakeholders”*

Dr. Jochen Seier, Project Management Jülich

Testimony: Green Hydrogen

M. Stephan Nitzinger, Heide Refinery (tbc)

*“The start-up Act – innovative solutions by creating stakeholders”*

Mrs. Salma Baghdadi, Smart Capital

Testimony: Digitization

M. Jaafar Saied, Chief executive officer, Lightency

**10:45**

**Panelists**

M. Karim Kharrat, CEO, Bewireless-solutions

Mrs. Ilhem Slama Belkhodja, Professor, National School of Engineers of Tunis (ENIT)

Mrs. Pia Dorfinger, Team Leader Start-ups and Innovations, German Energy Agency (dena)

**11:05**

**Discussion**

**11:30**

**Closing Remarks**

Mrs. Ellen von Zitzewitz, Head of the Tunisian-German Energy Partnership in the Division of Bilateral Energy Cooperation, Federal Ministry of Economy and Energy (BMWi)

M. Abdelhamid Khalfallah, Director of Energy Control, Ministry for Industry Energy and Mines (MIEM)

## 9<sup>TH</sup> TUNISIAN-GERMAN ENERGY DAY

### THE ENERGY TRANSITION AS AN OPPORTUNITY IN CHALLENGING TIMES? - INNOVATIVE SOLUTIONS FOR A SUSTAINABLE RECOVERY

#### IN THE CONTEXT OF THE GERMAN-TUNISIAN ENERGY PARTNERSHIP

#### SPEAKERS



**M. Belhassen Chiboub, General Director of Electricity and Energy transition, Ministry for Industry, Energy and Mines (MIEM)**

M. Chiboub is actually the General Director of Electricity and Energy transition and the Head of Energy Program at the Ministry of Industry, Energy and Mines. Previously, M. Chiboub, was a Co-Manager of Elmed Stadies with the joint venture company STEG-TERNA.

He is an industrial engineer, energy senior specialist with more than twenty years of experience, passionate about power generation from gas and renewable energies with intensive background experience in IPP tender process and energy strategy implementation.

---



**M. Thorsten Herdan, General Director Energy Policy, Heat, Efficiency, Federal Ministry for Economic Affairs and Energy (BMWi)**

Thorsten Herdan (Dipl. Ing.) was born on 10 July 1966. He was appointed Director-General for energy policy in the Federal Ministry for Economic Affairs and Energy as of June 2014. He previously held the positions of managing director of the professional association for producers of power systems and the professional association for producers of engines and systems (VDMA), of managing director of the Research Association for Combustion Engines (FVV), and of managing director of the German Engineering Federations' Energy Forum, which is in charge of developing the Federation's energy policy.

M. Herdan served on the Board of the European Association of Internal Combustion Engine Manufacturers (EUROMOT), on the Board and the Supervisory Board of the European Wind Energy Association (EWEA), and as Vice-President of the Offshore Wind Energy Foundation. Further to this, M. Herdan has also served as Chairman of the Supervisory Board of the



**M. Abdelhamid Khalfallah, Director of Energy Control, Ministry for Industry Energy and Mines (MIEM)**

M. Abdelhamid Khalfallah is an engineer in industrial engineering with a diploma from the National School of Engineers of Tunis. Since 2004, he works at the Ministry of Industry. His latest key achievements are the participation with a group of national and international experts in the preparation of the new regulatory framework for the development of renewable energies (law n ° 12-2015, decree n ° 1123-2016, network codes, renewable energy contracts, the preparation of the 2020/2030 national renewable energy program, and the launching of the latest calls for proposals and call for tenders for authorization and concession schemes. Mr. Khalfallah has also contributed to the preparation of the plans for the acceleration of renewable energy and energy efficiency projects and is involved in the implementation of the various reforms of the sector that



**Mrs. Ellen von Zitzewitz, Head of the Tunisian-German Energy Partnership in the Division of Bilateral Energy Cooperation, Federal Ministry of Economy and Energy (BMWi)**

Ellen von Zitzewitz has worked over the last 15 years in several senior positions in the German Federal Government including the Ministry of Economic Affairs and Energy, the Ministry of Environment and Nuclear Safety, the German Embassy on Moscow and the Permanent Representation of Germany to the EU.

She was several years German focal point for the IRENA and coordinated the German G20 positions. As Advisor to the Yemeni Minister of Water and Environment in Sana'a, Yemen (2002-05) she established the Middle East North Africa Renewable Energy Conferences, she also initiated several bilateral energy partnerships, as well as the 1st Berlin Energy Transition Dialogue. She is currently responsible for the bilateral cooperation with Russia, Ukraine, Iran and the countries of the Middle East and North Africa.



**M. Fethi Hanchi, General Director of ANME**

Since 2011, F. Hanchi has been the Director of the Division for the Rational Use of Energy at ANME. As such, he has been in charge of the management and coordination of energy efficiency programs and activities in the tertiary, residential building, and transport sectors in Tunisia. His portfolio also includes a national program for energy efficiency in the public sector, energy efficiency conventions with local authorities, as well as national and Mediterranean cooperation projects.

Graduated in mechanical engineering, M. Hanchi has more than 19 years of experience in energy efficiency. He has been actively involved in the energy sector reform in Tunisia and contributed designing, implementing and evaluating energy efficiency programs. He has a solid track record in the economic and managerial aspects of energy efficiency. Since March 2019, he has been nominated Central Technical Manager at ANME, and from June 2020 he is nominated the General Director of ANME.



**M. Jochen Seier, Projektträger Jülich**

Dr. Seier (\*1963) got his PhD in the field of energy technologies in 1998 at Stuttgart. After a life as a researcher on waste treatment processes he moved to an internationally working institute at Saarbrücken, Germany, as a subsidiary of a Korean Institute. In 2002 he changed his position to research funding at PTJ. PTJ supports the Federal Government in transforming programmes into projects. Since 2007, he leads a section called „Sector Coupling and Hydrogen Technologies “.

---



**M. Kamel Attia, Head of Division at the Department of Renewable Energy and Energy Efficiency (STEG)**

Mr. Kamel Attia is an engineer in electrical engineering, he is graduated from the National School of Engineering of Monastir. He started his career in 2006 as an Electrical Engineer at the Company “Ateliers de Maintenance Industrielle et Electricité”. In 2008, he worked as an advisor for training at the Tunisian Professional Training Agency ATFP-Tunisia. Since 2009, he became Project Manager for Solar Energy Studies at the Tunisian Electricity and Gas Company STEG.

---



**Dr. Peter Viebahn, Head of the Research Unit Sectors and Technologies of the Future Energy and Industrial Systems Division, Wuppertal Institute for Climate, Environment and Energy**

Dr. Peter Viebahn is Head of the Research Unit Sectors and Technologies of the Future Energy and Industrial Systems Division at the Wuppertal Institute for Climate, Environment and Energy. He studied mathematics with a minor in economics at the University of Siegen and applied systems science at the University of Osnabrück. In 1995, he received his doctorate in the field of Life Cycle Assessment (LCA). For more than 20 years he has been working as a systems scientist in the field of the evaluation of new and renewable technologies. At the Wuppertal Institute he has been responsible for the multi-criteria evaluation of renewable energies, clean-coal technologies, synthetic fuels and industrial strategies since 2007. Previous employers were the Institute for Environmental Systems Research of the University of Osnabrück and the Institute for Technical Thermodynamics of the German Aerospace Center, Systems Analysis and Technology Assessment Department (2002-2007), where he focused on the assessment of solar thermal power plant technology, hydrogen and fuel cells.



**Mrs. Salma Baghdadi, Director of the Startup Ecosystem, Smart Capital**

Mrs. Salma Bghdadi is the Director of the Startup Ecosystem at Smart Capital, the institution implementing the national initiative Startup Tunisia, and more specifically the Startup Act. Mrs. Baghdadi manages the Startup Act labeling process and is responsible for leading the ecosystem support strategy.

Mrs. Baghdadi is passionate with Startup and a former entrepreneur in Tunisia and France with 2 Startups Tech. She has developed a deep understanding of the drivers and challenges of the entrepreneurial ecosystem during her various experiences on three different continents. Salma is a graduate of ESCP Europe (Paris-France).

---



**M. Jaafar Saied, President of Lightency**

M. Jaafar Saied is a technical engineer holding an MBA in International development. Worked in more than several years in green tech startups in Tunisia and France. Jaafar co-founded several Blockchain initiatives such as DarBlockchain & Decentral Magazine. Today he is the CEO of Lightency, a green tech startup that helps energy institutions in their decarbonisation, decentralisation and digitalisation mission.

---



**M. Karim Kharrat, CEO of Bewireless-solutions**

M. Karim Kharrat is the CEO of Be Wireless Solutions since June 2018 and Managing Partner of SHK Consulting. He is a technology enthusiast and has previously held several positions of responsibility and led several consulting missions in the telecommunications sector or in the field of digital transformation (E-Gov, digitalization of processes, digital transformation strategy). Former Senior manager of big 4 in the consulting field (Ernst & Young Paris, Arthur Andersen Paris, KPMG), M. Kharrat, has also led several M&A or operational strategy implementation missions in the public and private sectors.



**Mrs. Pia Dorfinger, project director for start-ups and innovation at the German Energy Agency (dena)**

Ms. Pia Dorfinger is the project director for start-ups and innovation at the German Energy Agency and has worked in the international energy transition and climate change sector for over 12 years. She is currently in charge of the Start Up Energy Transition (SET) Global Innovation Platform where every year over 500 start-ups from all around the world apply for the SET Award, a place in the SET Top 100 list or to join the SET Tech Festival. Before heading dena's start-up and innovation activities she was a senior expert for renewable energies at the German Energy Agency with a focus on international and EU funded projects. Prior to dena Ms. Dorfinger has worked in the field of renewable energies and climate change in the private and NGO sector in Austria, the UK and the Philippines.

---



**Mrs. Ilhem Slama Belkhdja, Professor at the National School of Engineers of Tunis**

Mrs. Ilhem Slama-Belkhdja obtained her engineering degree from the ENSEIHT of Toulouse- France and her PhD from the National Polytechnic Institute of Toulouse in 1983 and 1985 respectively, and her State Doctorate Es Sciences from the National Engineering School of Tunis (ENIT) in 1997. She is currently Professor at the Electrical Engineering Department of ENIT of the University of Tunis El Manar. From 2003 to 2015 she directed the Laboratory of Electrical Systems of ENIT and currently she leads the research team QehnA of L.S.E. Her research field concerns electrical systems based on power electronics, including systems for the generation and storage of renewable energy and micro networks and also for electric mobility.