



## Innovation Forum of the Tunisian-German WIND4GRID project

# NEXT LEVEL RENEWABLE ENERGY TECHNOLOGIES IN TUNISIA

11 May 2022

Tunis

The project WIND4GRID is part of the Bilateral Science and Technology Collaborative Program TUNGER 2+2 funded by the German Federal Ministry of Education and Research and the Tunisian Ministry of Higher Education and Scientific Research.



Steinbeis Qair

FREQCON



LESTE  
LABORATOIRE D'ÉTUDES SPÉCIALES EN  
ÉNERGIES THERMIQUES ET ÉNERGÉTIQUES



## Programme

9:00 – 12:00 Morning session - Chairman Mohamed Sadok Guellouz

**Welcome and introduction** (Official opening of the forum)

**Opening talks and discussion**

- Renewable energy transition in Tunisia – status and perspectives  
Chiheb Bouden, ENIT
- Future development in wind energy  
Nafaa Baccari, ANME and President TWEA

Coffee break

**Project results: Energy grid stabilization through wind turbines with integrated energy storage (WIND4GRID)**

- LESTE-ENIM, Tunisia (I. Khabbouchi, H. Zaier and E. Hmayed)
- Qair Group, Tunisia (Clement Arbib)
- University of Rostock, Chair of Wind Energy Technology, Germany (Habib Rehman)
- Freqcon GmbH, Germany (Hannes Stühling)

12:00 – 13:30 Network and lunch time

13:30 – 16:00 Afternoon session - Chairman Uwe Ritschel

**Short presentations of accompanying projects in the renewable energy technology sector**

- Repowering the Sidi Daoud wind park,  
Abdelghani Darghouthi, STEG, Tunisia
- Green hydrogen production with wind and PV,  
Thomas Nietsch, ABO Wind, Germany.
- Massive green hydrogen production in Tunisia and its injection in the  
Transmediterranean Gas Pipeline,  
Ons Farah Tbessi, ENIM, Tunisia
- Methanol – Condensed Tunisian sunshine for the global market  
Mark Schmitz, TSK Flagsol, Germany

**Coffee Break**

- Low wind – lightweight rotor blades for small wind turbines  
Marcello Ambrosio, Fraunhofer IAP, Germany
- Technico-economic investigation concerning offshore wind farm in the  
Gulf of Gabes, Tunisia  
Faten Attig Bahar, University of Carthage, Tunisia
- Renewable energies - competitive and sustainable  
Tilman Schubert, zWe-I, Germany

**Presentation and signature of a memorandum of understanding –  
supporting the Tunisian – German energy partnership (Frank Graage –  
Steinbeis Transfer GmbH, Germany)**

*Please register on or before May 1<sup>st</sup> by sending an email to [sadok.guellouz@enim.rnu.tn](mailto:sadok.guellouz@enim.rnu.tn)*

