



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'ÉNERGIES SOLAIRES
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 1st by sending an email to sadok.guellouz@enim.rnu.tn

