



# Exchanging Best Practices to Incorporate Variable Renewable Energy into Long-term planning in Arab countries

Grand Millennium Hotel  
Amman, Jordan



April 22, 2019

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- **Opening and Welcoming Remarks**

- Renewable Energy is a solution to increase GDP and increase energy security
- Stability and co-operation between League of Arab States, RCREEE and IRENA is essential to build competency and share best practices
- Political and Investment stability.

2

- **Country Expectations**

- Learn about difficulties and concerns with high shares of Variable Renewable Energy
- Share expertise and best practice experiences between countries in different stages of the energy transformation
- Gain modelling and planning methodology experience exp. Optimization exercises

*Importance of partnerships to advance workshop outcomes*

3

- **Workshop Format and Guidelines**
  - ❑ The key fundamentals for power system planning
  - ❑ Five thematic sessions for gap identification as a result of the impact of VRE

4

- **Country Presentations**
  - ❑ Ambitious RE targets. Exp. KSA, to advance socioeconomic benefits as well as cost optimization.
  - ❑ Challenges in forecasting models due to several factors including RE costs, demand and estimating capacity credit.
  - ❑ Policy and regulatory uncertainties

***Objective: Improve long-term energy planning modelling methodologies by addressing the gaps in the surveys and presentations***

# Day 2 Program Plan

09:30  
10:30

- **Country Presentations Group 3**
  - Jordan
  - Libya

10:30  
11:00

- **Country Presentations Group 4**
  - Algeria
  - Egypt

11:30  
12:00

- **Coffee Break**

12:00  
13:00

- **Key planning considerations with a higher share of VRE**
  - Asami Miketa, IRENA

13:00  
14:00

- **Lunch**

14:00  
15:00

- **Input Presentation: Cost reduction of VRE and its relevance to long-term planning**
  - Daniel Russo, IRENA

15:00  
15:30

- **Coffee Break**

15:30  
16:45

- **Panel discussion: Exchange of country experiences and discussions**
  - Zoheir Hamedi, IRENA