



OPENING: DECENTRALIZED RENEWABLE ENERGY POTENTIAL OF THE MENA REGION

**Regional Conference on “Decentralized Renewable Energy Solutions in
the MENA Region: A Driver of Local Value and Job Creation”**

Jointly Organized by the Regional Center for Renewable Energy and
Energy Efficiency (RCREEE) and the GIZ Project RE-ACTIVATE

Cairo, 22 May 2017



RE/EE one of the most dynamic markets worldwide

- US\$ 286 bn total investment in RE power in 2015, 60 % of which in non-OECD developing/emerging countries
- Over twice as much as for all fossil fuels together
- 134-147 GW of new RE power, plus 38 GW of new RE heating in 2015
- Plus US\$ 221 bn total investment in EE in 2015
- 30% global improvement in primary energy intensity from 1990-2014
- RE/EE major driver for value creation, innovation and employment
- 8,1 million jobs from RE, number for EE unknown, likely even higher
- Most value/job creation in non-OECD developing/emerging countries



Still no secure knowledge on energy-employment nexus

- Outcomes vary widely between countries and technologies, highly depending on the specificities of the latter, but also on framework conditions, factor endowments, institutional settings, strategic approaches, industrial and technological capacities, etc. of the former
- Most deployment is still taking place in approx. 30-40 countries, and the bulk of value and job creation is even more limited
- Examining more closely at the linkages between RE/EE deployment and job and value creation is the core goal of the RE-ACTIVATE Project implemented from 2014-2017 by GIZ on behalf of BMZ



Main objectives and basic approach of RE-ACTIVATE (1)

- Covering the nexus between the priority sectors:
 - Promoting sustainable energy technologies
 - Promoting local socio-economic development
- Working on 2 levels: a regional level, in principle covering all MENA countries, plus on a national level in 3 focus countries MAR, TUN, EGY
- Support local market development for labor-intensive applications
- Although a priori open from a technology perspective, the focus is on all technologies with an over-average impact on local labor markets
- Distributed generation is therefore a core work area



Main objectives and expected outcomes of the conference

- Present basic concepts and available solutions for DRE
- Present main advantages but also challenges, globally speaking
- Present some key success factors and lessons learnt in this regard
- Highlight market potentials and barriers for DRE in the Arab Region
- 3-step approach: first highlighting the approaches and experiences of some countries where DRE are playing a major role; then deepening the understanding by looking more closely at 3 market & technology segments; finally discussing conclusions and recommendations which can be gained on this basis, and which might serve as take-always