

Online Event: Electricity Interconnection in the Arab region

Friday, 8th May 2020 – 11 AM- 12 PM Beirut Time (UTC +2)

Arab region progress in SDG7 and Pathway toward Sustainable energy systems



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KEY FACTS IN NUMBERS – Are we on track in the ARAB REGION?

Near-universal access to modern energy but very slow progress in energy efficiency and a marginal role of renewable energy



Electrification

- 92.5 per cent in the Arab region is electrified.
- 30 million still remain without electricity access. Mainly in three LDCs with only 47% deficit in rural.



Clean cooking

- Access to CFTs is encouragingly high in the Arab region with **90.3%**.
- **37 million** people still lack access to CFTs, mainly in rural LDCs and conflict areas.



Renewables

- RE share reached 10.8% in total final energy consumption, mainly in Residential sector (80%).
- The share of Solar, Wind and hydro power lies at only **19%** of the region's RE total.

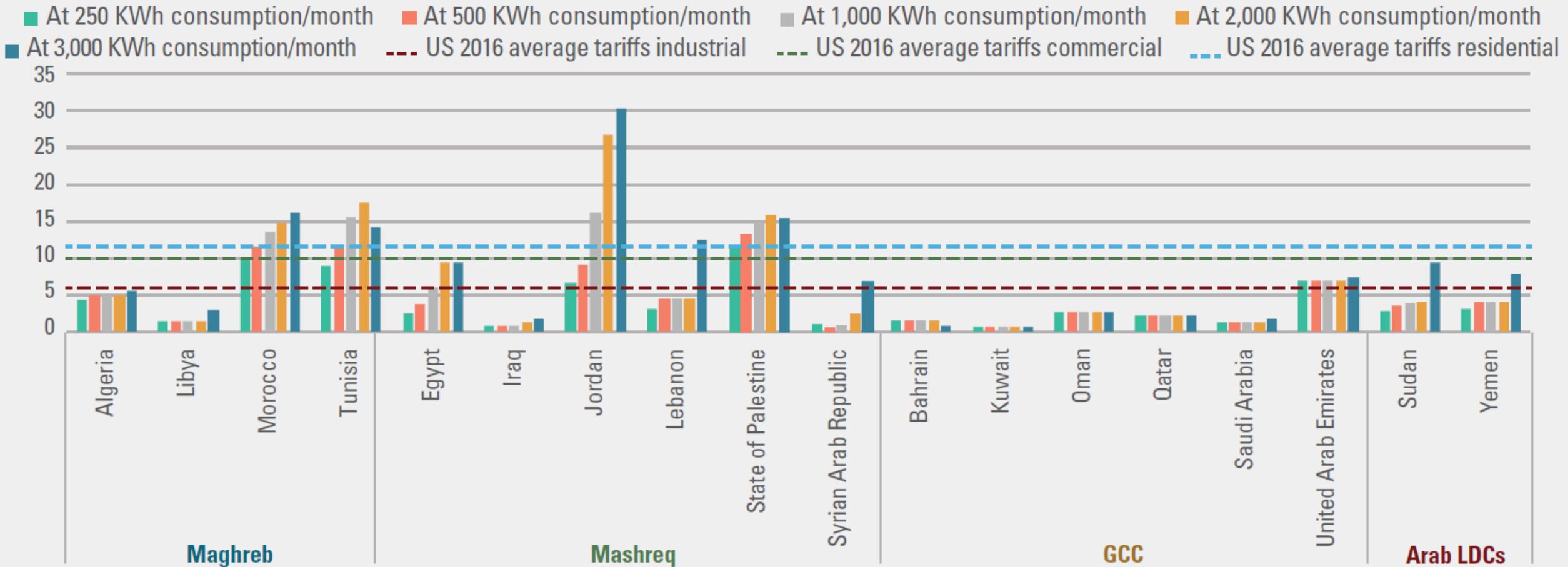


Efficiency

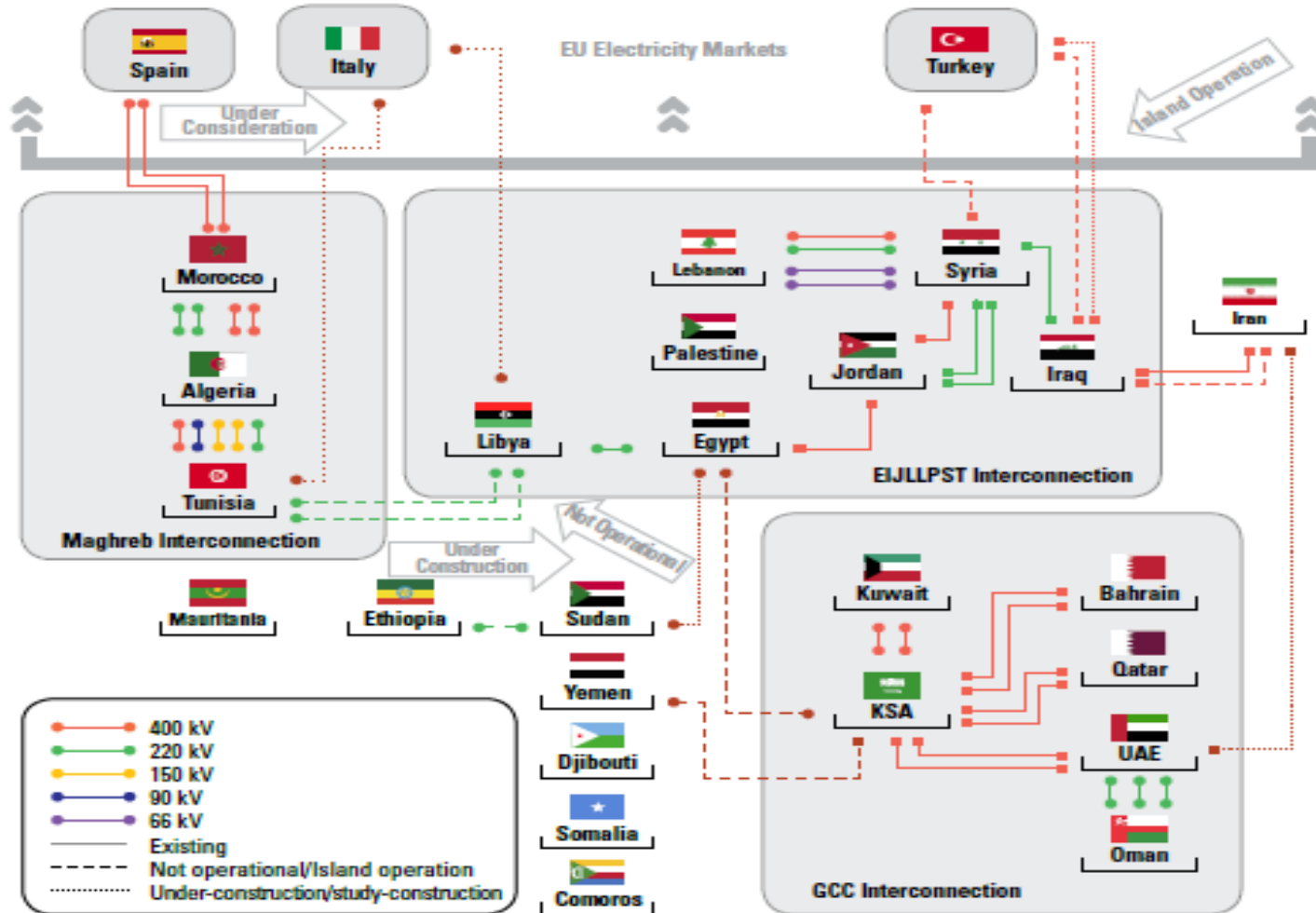
- 2nd lowest energy intensity of the world's regions, energy intensity progress rate has improved over the past four years.
- **Transport** energy intensity is the highest of the world's regions, followed by industry and agriculture.

Affordability is linked to service quality and the rate of access

Average domestic electricity tariffs in the Arab region (US\$ Cents/KWh/Month)



Arab electrical interconnection



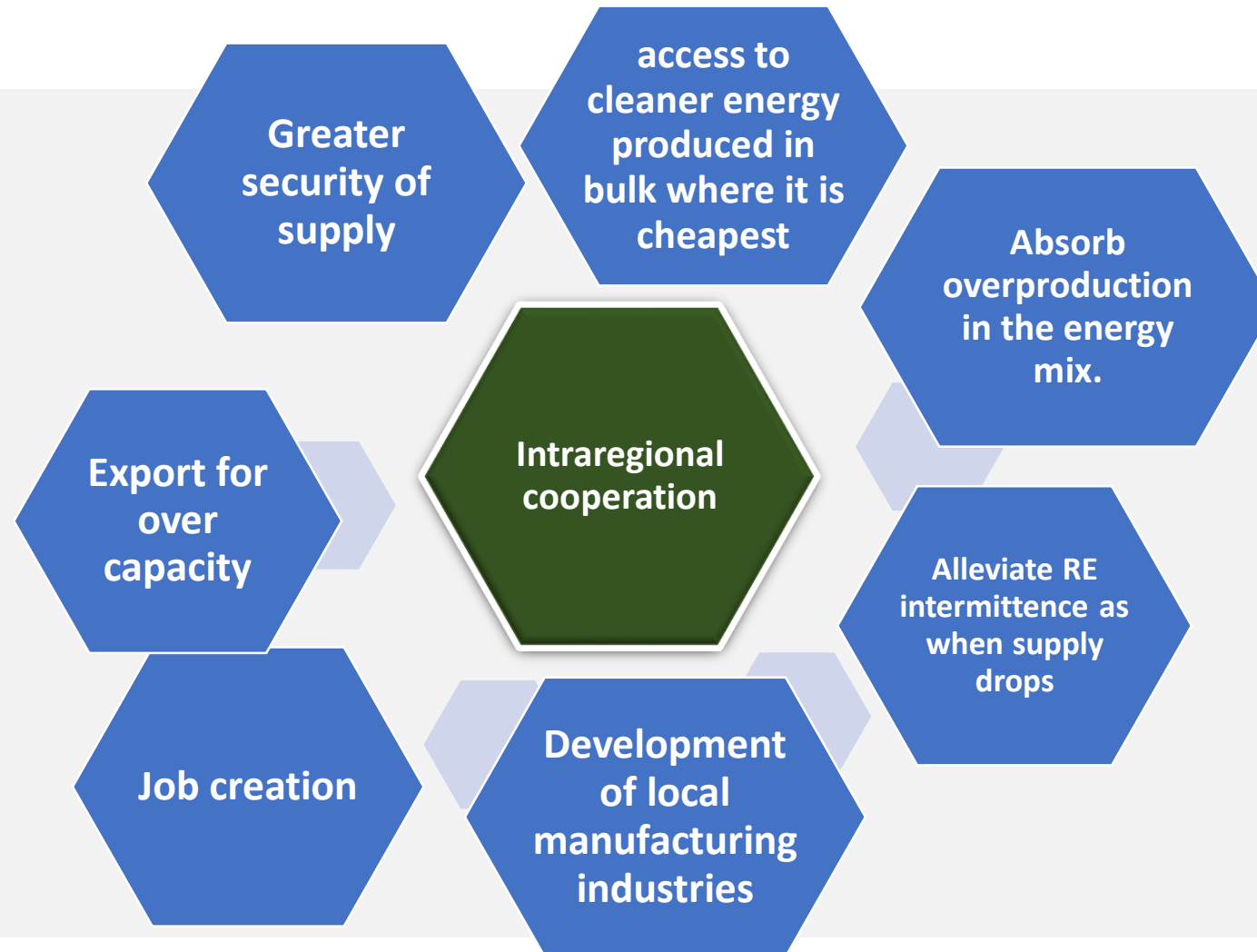
➤ Eight-interconnection: Egypt, Iraq, Jordan, Lebanon, Libya, Palestine, the Syrian Arab Republic and Turkey.

➤ Maghreb: Algeria, Libya, Morocco and Tunisia. The Moroccan and Spanish networks are linked. The link between the Libyan and Tunisian networks is not operational.

➤ Gulf interconnection: GCC countries. Function at 5-6% capacity (50% in Europe)

➤ Only 2% of electricity produced in the region is traded.

Intraregional cooperation on energy could be an important factor underpinning more sustainable, resilient and cost-effective energy systems in the Arab region,...and thus contribute to economic growth, shared prosperity and reduced poverty.



PRIORITY ACTIONS TOWARD SUSTAINABLE ENERGY SYSTEMS

- ⇒ **Integrate** energy, climate and environmental goals more closely into socioeconomic development targets
- ⇒ **Develop**, implement/enforce suitable, integrated, proactive policies and institutional frameworks
- ⇒ **Reform** and rationalize energy and water pricing and utility market
- ⇒ **Increase** private sector involvement and make greater use of **international finance**
- ⇒ **Enhance** interregional cooperation and trade **and grid interconnection** through regional/global initiatives and networks
- ⇒ **Promote pan-Arab integration** projects and initiatives focusing on smart grids and green corridors
- ⇒ **Exploit** the economic potential of energy alternatives, particularly renewable energy
- ⇒ **Develop** local manufacturing of clean energy technologies components
- ⇒ **Develop/reinforce** technology dissemination & Research and Innovation
- ⇒ **Build** institutional capacity, transparency and accountability, monitoring and data collection systems



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Thank you