

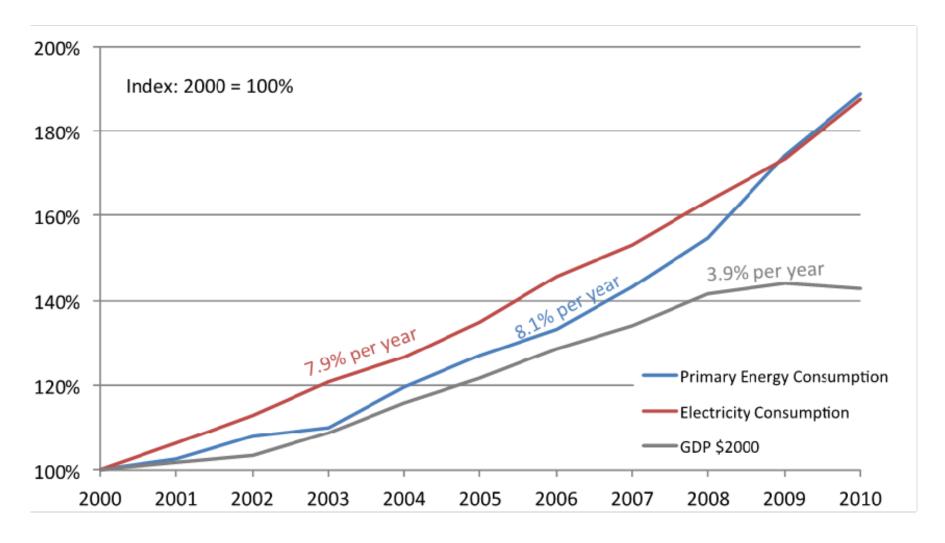


Energy Efficiency

TAREQ EMTAIRAH
FARID CHAABAN

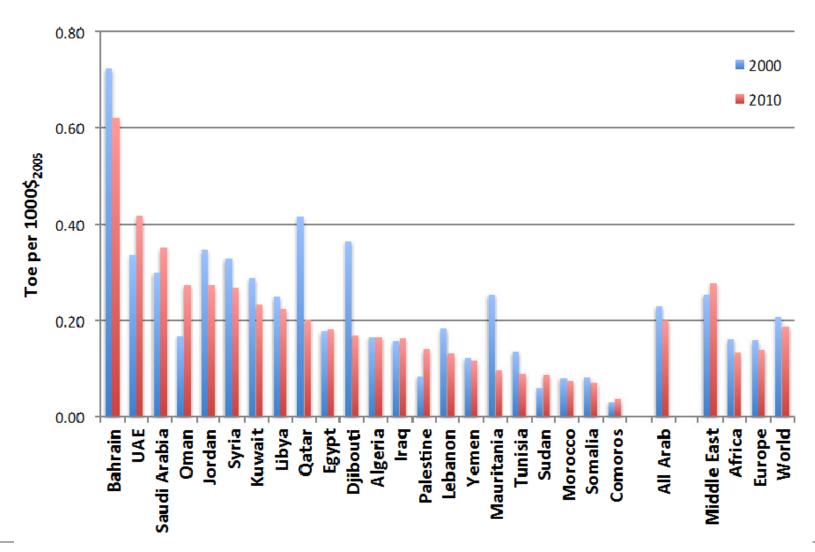


Primary energy consumption, electricity consumption and GDP trends (2000 to 2010)

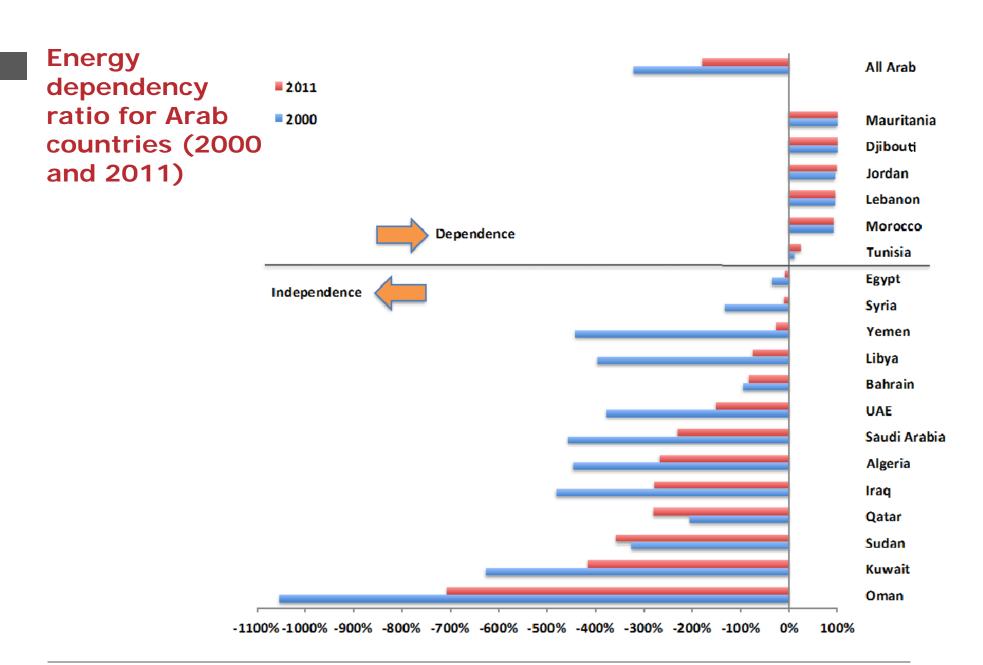




Primary energy intensity (Toe/1000 \$2005) for Arab countries (2000 and 2010)

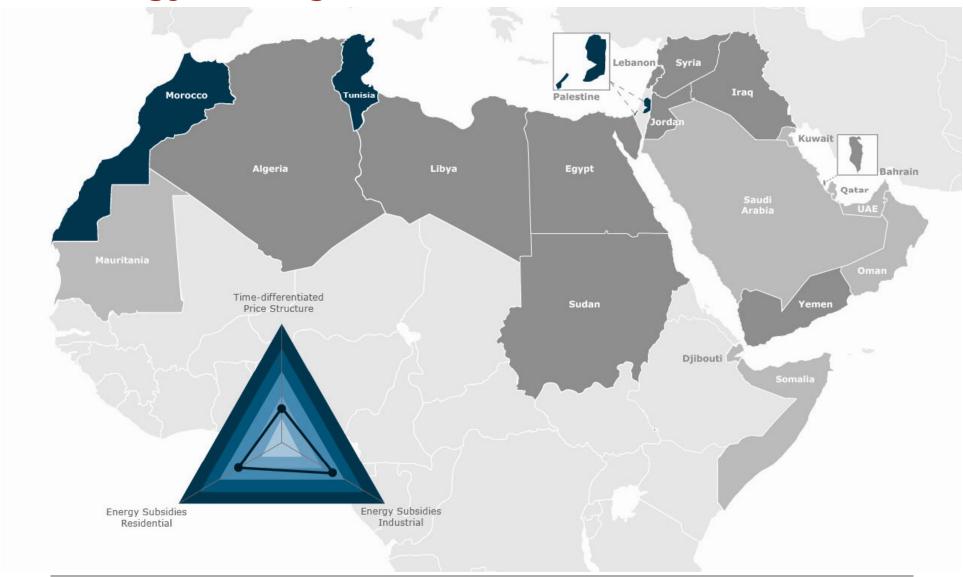




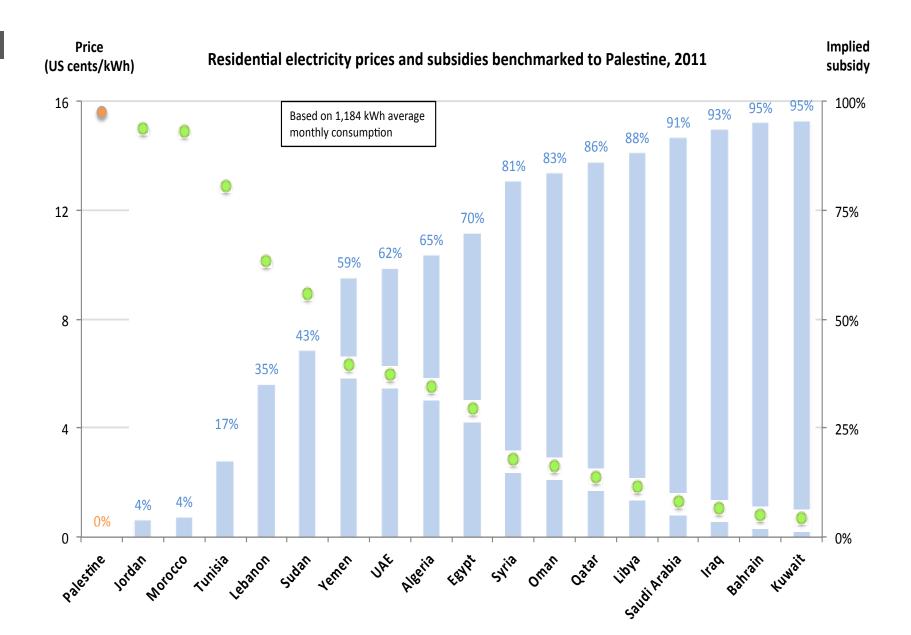




Energy Pricing

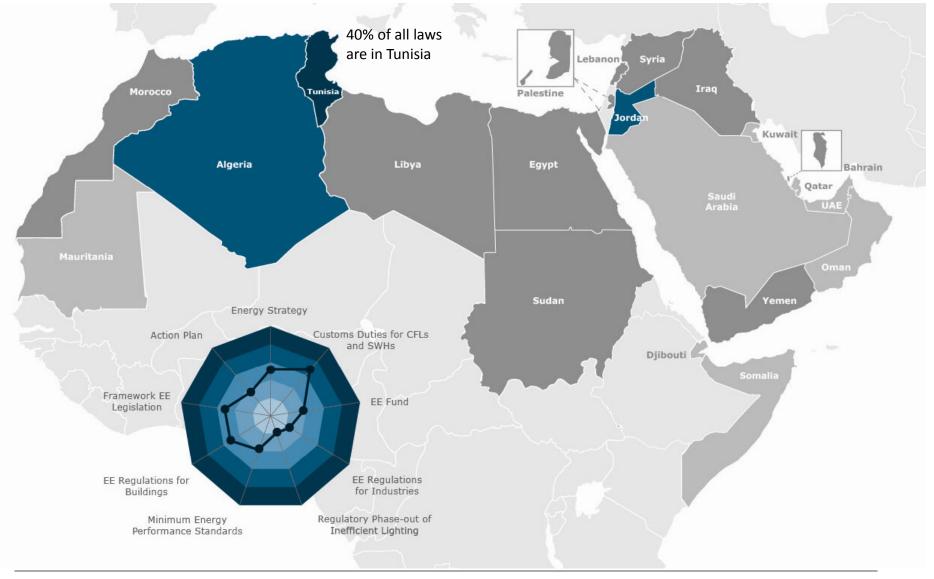








Policy Framework



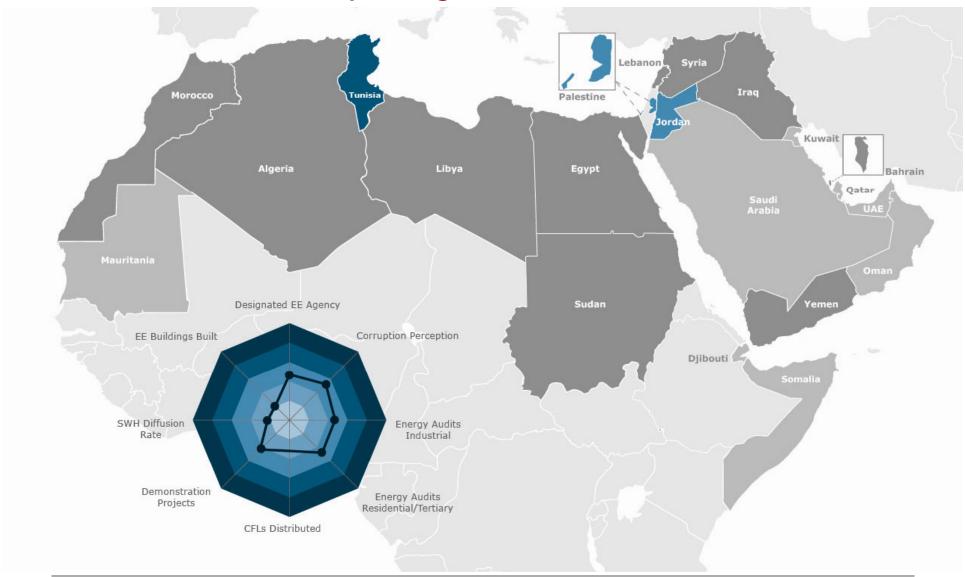


Regulated Sectors

	Buildings	Appliances	Lighting	Industry
Algeria		R; AC		
Bahrain				
Egypt		R;AC W		
Iraq				
Jordan				
Lebanon				
Libya				
Morocco				
Palestine				
Sudan		R		•
Tunisia				
Yemen		R; AC	100 W	



Institutional Capacity





EE Buildings

	New buildings built every year	Number of buildings built according to EE building code	Number of demonstration projects
Algeria	80,000	-	600 housing units under
Bahrain	6,000	81	-
Egypt	69,030	-	-
Iraq	22,000	-	-
Jordan	20,000	-	11
Lebanon	-	-	5
Libya	50,000	-	-
Morocco	170,000	-	9 under construction
Syria	30,000	-	4
Sudan	-	-	-
Tunisia	60,000	4,681 (administrative) 14,724 (residential)	43
Palestine	-	-	1
Yemen	-	-	-

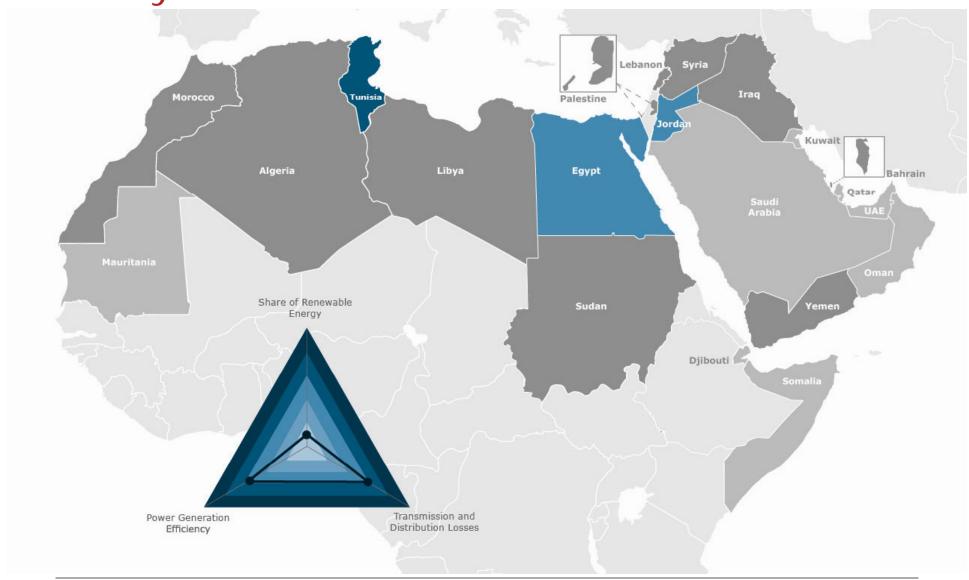


■ EE Designated Agencies

Dedicated EE Agency				
Algeria (APRUE)	Lebanon (LCEC)			
Palestine (PEA)	Syria (NERC)			
Morocco (ADEREE)	Tunisia (ANME)			
Dedicated EE Department within Ministry				
	Bahrain			
Jordan	Bahrain			
Jordan	Bahrain Egypt			
	Egypt			

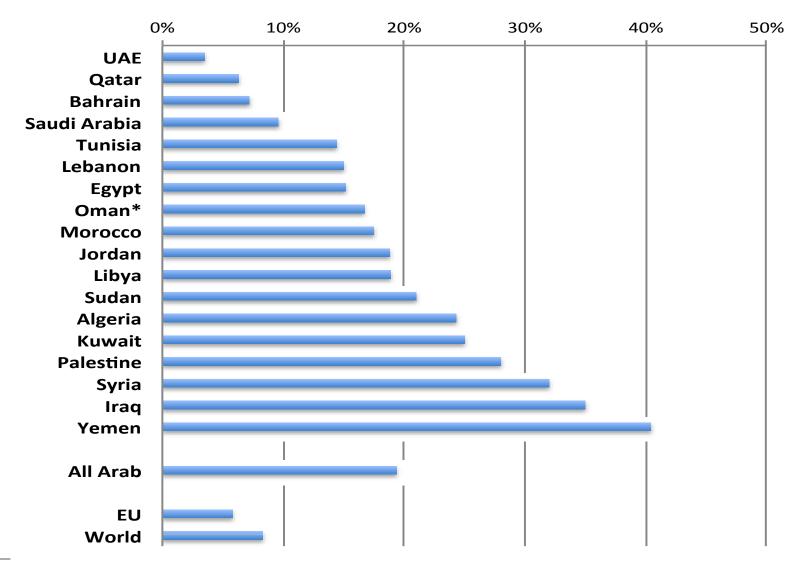


Utility





Electric energy losses in generation, transmission and distribution (2011)





Costs and Benefits





المنتحى العربي للبيئـة والتنميـة ARAB FORUM FOR ENVIRONMENT AND DEVELOPMENT



Thank You