



## The German Science Centre invites you to attend "80 Gigawatts of Change: Egypt's Future Electricity Pathways"

April 26th 11 Al Saleh Ayoub Street

Join us for an in-depth look into 80 Gigawatts of Change, the first publicly accessible, modeled and civil society analyzed scenario for the Egyptian electrical sector ever produced. Through engaging with stakeholders and a participatory drafting process, this report details seven options for how Egypt's electricity sector could develop over the next 20 years. Ranging from "business as usual" to "toward zero carbon" to "toward decentralized energy", the report analyzes the attributes and downsides of each scenario, including job creation potential, cost and greenhouse gas emissions. During the workshop, report authors Isabel Bottoms and Mahmoud El-Refai will give us insight into these scenarios and the process behind their analysis.

This event follows the German Science Centre's annual conference "Re-thinking Energy: Scientific Input - Social Outcome", which took place in November 2015 and analyzed a range of energy topics from the expansion of renewable energies, to socio-economic implications and the need for awareness building.

### Agenda

9:30 -10:00	Coffee & Registration		
10:00 -10:15	Introduction by Laura Oexle, Head of the Science Department, German Embassy in Egypt & Dr. Mona El Tobgui, Deputy Director of the German Science Centre & Fraunhofer Senior Advisor		
	<p>"80 Gigawatts of Change: Behind the report" Isabel Bottoms, International Energy Consultant, &amp; Mahmoud El Refai, Siemens Technologies S.A.E.</p>		
10:15 -12:00	<p>"Energy Scenarios by Siemens," Emad Ghaly, Country Division Lead Power Generation &amp; Renewable Energy, Head of Wind Power ME at Siemens Technologies S.A.E.</p>		
12:00 -12:30	Coffee Break		
	Breakout Group Discussions & Recommendations		
Group 1:	Group 2:	Group 3:	
12:30 -1:30	How can we mainstream and operationalize broader forms of impacts analysis for energy in Egypt?	Decentralizing energy in Egypt: how can we move away from the baseload restriction, build opportunities for communities & empower governorates	What are the openings for rolling out energy efficiency measures and renewables in Egyptian cities?
1:30 -2:00	Review of Recommendations & Closing Remarks		
2:00 -3:00	Lunch in the Garden		

Deutsches  
Wissenschaftszentrum Kairo



Deutschland  
Land der Ideen

[www.dwz-kairo.de](http://www.dwz-kairo.de)

المركز العلمي الألماني  
بالقاهرة



ألمانيا بلد الأفكار