

Dubai SOLAR schools

Sheikh Mohammed

### **DUBAI SOLAR SHOW**

Dubai World Trade Center Zabeel Hall 5

> SEMINAR 6<sup>th</sup> OCT. 2016

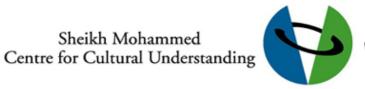








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مركز الشيخ محمد بن راشد آل مكتوم للتواصل الحضاري





### 1. THE INITIATIVE

**DUBAI SOLAR SCHOOLS** is an initiative created by Architaly Green Energy DMCC

The Initiative is officially supported by:

- SHEIKH MOHAMMED BIN RASHID CENTRE FOR CULTURAL UNDERSTANDING
- CLEAN ENERGY BUSINESS COUNCIL
- **DUBAI-SOLAR.ORG** by Architaly Green Energy DMCC

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### 2. MAIN BENEFITS OFFERED TO SCHOOLS

- Reduce the School's energy bills and carbon footprint, with rooftop solar energy plants approved upon the DEWA Shams Dubai, joining a convenient "solar lease formula" provided by local accredited entities (zero capital to be invested from School's part).
- Support the School's EDUCATIONAL PROGRAMS, creating more green awareness, by using the solar energy plants in the additional role of studysubject and operative laboratories.
- Evaluate further potential savings which may be obtained through an holistic **ENERGY EFFICIENCY program**.

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### 3. ACTORS AND ROLES

- **SCHOOLS** in the role of energy consumers, aiming to reduce the carbon footprint and to cut energy bills, implementing green educational programs;
- GOVERNMENT offering the legal and technical conditions to install grid-connected solar energy plants upon net-metering scheme (DEWA SHAMS DUBAI);
- ACCREDITED FINANCING ORGANIZATIONS able to offer a convenient "solar lease formula", upon feasible conditions;
- CONTRACTORS & TECHNOLOGY PROVIDERS, able to guarantee top-quality and long term performances, upon feasible conditions.

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### 4. THE IMPORTANCE OF AWARENESS

• The key factor for a mature "solar market" is called **AWARENESS**;

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- Awareness means final consumers informed about fundamental basics of how solar energy works, how local regulations work, the financial benefits to go solar, the importance to contribute the **DUBAI CLEAN ENERGY STRATEGY**, and last but not least the marketing benefits offered by a green initiative applied on their buildings;
- **DUBAI SOLAR SCHOOLS initiative** intends to increase **GREEN AWARENESS** actuating : on-line, with dedicated web platforms and a robust action onto main social networks off-line, with door-to-door visits into main Educational Organizations in Dubai.













### **5. MAIN NUMBERS AND TARGETS**

- Initiative **born on May 2016**, with an official media launch on 5<sup>th</sup> September 2016;
- 50 schools visited since May 2016;
- 10 Schools actually under preliminary technical analysis, for a potential of 5 Megawatts solar rooftop projects to be started on early 2017, after completing all approval procedures;
- 20 more Schools to be included in the program, by end 2016;

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• Target of at least 100 Schools by end 2019, for a total expected of 50 Megawatts solar rooftop installations, upon a "solar lease formula" offered by accredited Financing Entities (ZERO capital to be invested by School's part).













### Dubase DAR schools

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### 6. TEN SCHOOLS UNDER FEASIBILITY ANALYSIS



The School Of Research Science



Deira International School



Star International School



Al Dar University College



The Apple International School









Al Ittihad Private School Jumeirah







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### 7. CONCLUDING... OUR MISSION

- To support the **DUBAI CLEAN ENERGY STRATEGY**, contributing to make new generations aware of the solar energy revolution in Dubai;
- To support the Dubai Schools in reducing carbon footprint and energy bills with solar energy, exploring other energy efficiency opportunities wherever possible;
- To support the Dubai Schools in the implementation of **Green Educational Programs**, in partnership with the SHEIKH MOHAMMED BIN RASHID CENTRE FOR CULTURAL UNDERSTANDING and the CLEAN ENERGY BUSINESS COUNCIL, preparing the students for new green careers;
- To involve the local top accredited financing organizations, solar contractors and solar technology providers, able to offer fundamental contributes to the initiative.

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### **THANK YOU!**

www.dubaisolarschools.org www.cultures.ae www.cleanenergybusinesscouncil.com www.dubai-solar.org

"Dubai Solar" and "Dubai Solar Schools" APPS available online

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