



DUBAI SOLAR SHOW

Dubai World Trade Center
Zabeel Hall 5

SEMINAR
6th OCT. 2016

Dubai SOLAR schools



Dubai **SOLAR** schools

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 study-subject 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**;
- 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.



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5. MAIN NUMBERS AND TARGETS

- Initiative **born on May 2016**, with an official media launch on 5th 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;
- **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).



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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



The Winchester School



University Of Modern Sciences



Al Ittihad Private School Jumeirah



The Oxford School



The Indian Academy



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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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Partners



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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**

