



ALTERNATE ENERGY EDUCATION MODEL PARK

Conceptual Presentation



Conference Presenter



**Nida Rizwan
Farid**



- **Aerospace Engineer**
 - B.S. MIT, M.S. ETH Zurich (gas turbines)
 - Program Manager Raceways A350XWB
- **Renewable Energy Consultant**
 - Wind farm asset management
 - Wind policy
 - Energy efficiency
 - Technical consultant for the Alternate Energy Education Model Park



Project



- **An initiative to provide a learning resource for the masses, especially school-going children, about:**
 - **Production of Alternate Energy through solar, water & wind.**
 - **Conservation of Energy**
 - **Efficient Usage of Energy**
- **This park also features:**
 - **Geo-thermal & Bio-Diesel Presentations**
 - **Green Energy Concepts**
 - **Students Presentation Gallery**



Project team



**Pakistan's first
theme park on
Alternate Energy**



Project Director : Musaddiq Baig
**Project Patron : DMC District Central,
Karachi (MNA Rehan Hashmi)**
Construction Manager : Adeel Irshad
Architects : Smart Constructions
Technical Consultant : Nida R. Farid



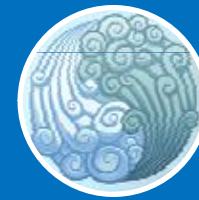
Learn how electricity is made by:



SOLAR



WIND



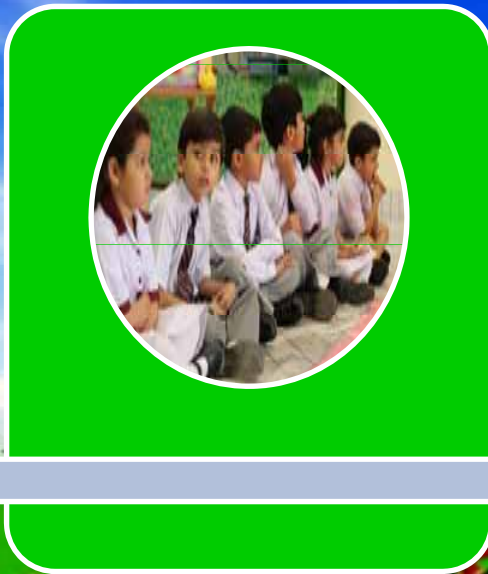
WATER



ARTVISION



Learning for Inquisitive minds:



Learning for inquisitive minds



**Pakistan's first
theme park on
Alternate Energy**



**All the schools (Private or Government) in
Karachi will be invited to visit the park and
learn more about power generation in
entertaining ways.**



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Learning for inquisitive minds



**Endorsed by:
Board of Secondary
Education Karachi**



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Location



Green Belt, North
Nazimabad, Hyderi
Market



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Technical Attributes



SOLAR

200 Watt unit with
battery and
control panel



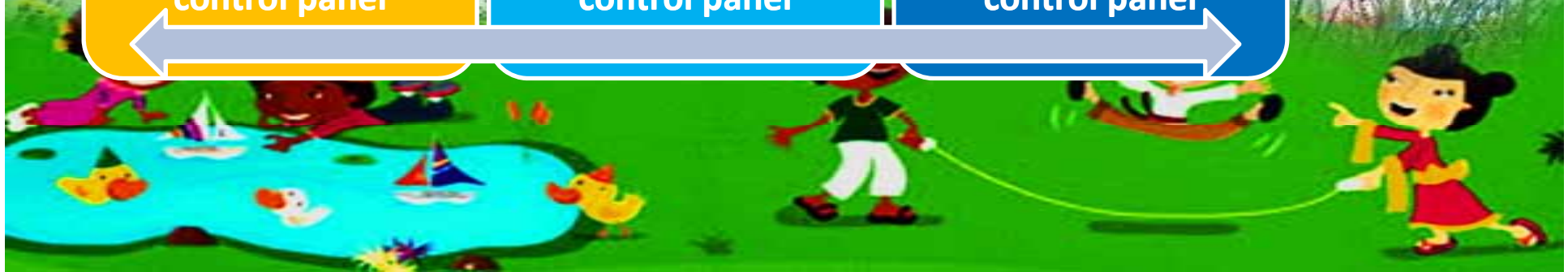
WIND

200 Watt turbine
with battery and
control panel



WATER

200 Watt turbine
with battery and
control panel



Look & Feel



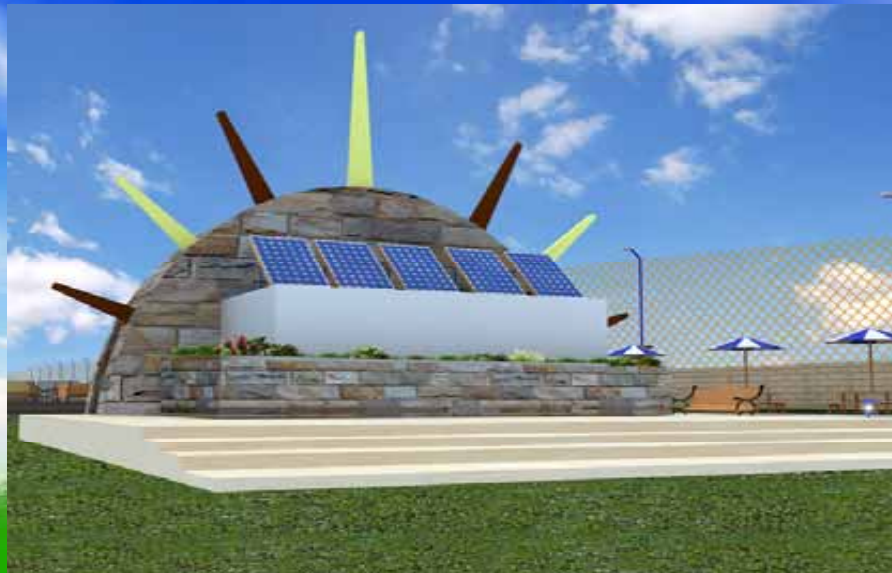
Model Design
Bird-eye View



Look & Feel



Model Design
Solar Installation



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Look & Feel



Model Design
Wind Installation



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Look & Feel



Model Design
Water Installation



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Park Visitors



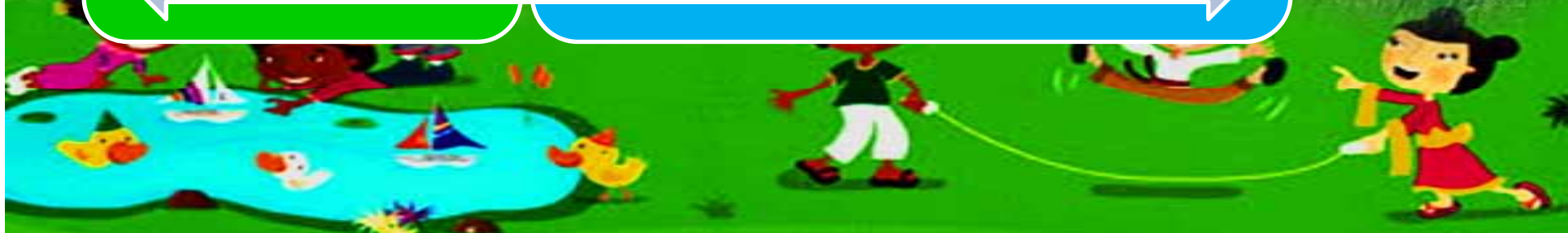
Families



Schools for study trips



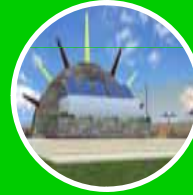
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Park Visitors



School Trips



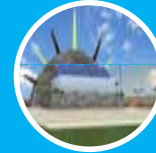
Schools will be scheduled daily to visit the park in coordination with Board of Secondary Education



Park Events



**Energy Events
Hosting**



The park has indoor and outdoor
presentation areas

Can host seminars, workshops, courses
and conferences with an energy theme



Additional Facilities



Value addition



Energy library

Play area

Indoor & outdoor presentation areas



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Project by ARTVISION



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THANK YOU

