

# Dubai Initiatives

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*N Saidi March 2007*



## 5 Projects to Support Dubai Initiatives

- Education: set up 2 institutes
  - Science & Technology Institute
  - Hotel & Hospitality School
- Environment:
  - Develop Solar Technology Research & Development capacity
- Conferences/Exhibitions:
  - Annual Nanotechnology conference and industrial exhibition
- Dubai Music Festival

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# DUBAI SCIENCE & TECHNOLOGY INSTITUTE

- Dubai to establish a S&T Institute in partnership with the likes of Caltech, Technical University Hamburg that are:
  - Inter-disciplinary
  - Integrate research, education and training with industry
- Dubai must revise the curriculum of its schools and universities to focus on science and technology that underlie 'knowledge economy' activities, including
  - Nanotechnology,
  - Biotech and biogenetics
  - Electromagnetics,
  - Optics and Microwave Engineering
  - Environmental Engineering
  - Information and Communication Systems
  - Information and Media Technologies
  - International Production Management
  - Materials Science
  - Mechatronics
  - Microelectronics and Microsystems
  - Process Engineering
  - Structural Engineering

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# DUBAI HOTEL AND HOSPITALITY SCHOOL

- Dubai needs a Hotel & Hospitality School to train personnel and staff to support its growing tourism industry
- The DHSS is a priority area and can be jump started in partnership with a number of internationally renown schools from Switzerland or the US
- The DHHS should be both for hotel management as well as develop new catering technologies to support both air, naval and land tourism

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# Solar Technology

- Dubai should become the global centre for Solar Technology Research & Development based on its geographical/locational comparative advantage which allows for testing and R&D on solar technologies
- Dubai should develop an solar technology industrial base that will allow the development of new Environmental Engineering technologies and applications
- Dubai can through solar energy supply up to 30%/40% of its energy requirements
- The investments made will allow Dubai to address its growing environmental concerns

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# Nanotechnology

- Nanotechnology is a highly multi-disciplinary field that includes colloidal science, chemistry, applied physics, materials science, and mechanical and electrical engineering.
- Nanotech promises to create new materials and new technologies that can radically change modern 'knowledge based industries'
- Dubai should host an Annual Nanotech Conference and Industrial Exhibition dedicated to the latest research and developments –including applications- that can provide an impetus to new companies emerging and locating in Dubai

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# Dubai Music Festival

The Dubai Music Festival should be:

- Multi-disciplinary, covering classical music, jazz, ballet
- Multi-cultural: Arab-East-West

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