Pioneering Solutions for a Sustainable Future

Yousef Baselaib, Executive Director, Sustainable Real Estate, Masdar

www.masdar.ae  @masdar
On land and in the sea, our forefathers lived and survived in this environment. They were able to do so because they recognised by instinct and because of their sensitivity to issues relating to their land the need to conserve it.

- Sheikh Zayed bin Sultan Al Nahyan, Founding Father of the UAE

Masdar, a Mubadala company, is advancing the development, commercialisation and deployment of renewable energy and clean technologies.
Our Holistic Approach

- Advance Clean Tech Innovation
- Develop Renewable Energy
- Develop Industry & Knowledge Platforms
- Pioneer Sustainable Urban Development
Abu Dhabi Sustainability Week

15-18 January 2018

- Accelerate adoption of renewable energy
- Address water and waste challenges
- Empower youth and entrepreneurs

www.WorldFutureEnergySummit.com
Developing Renewable Energy

- Dubai Solar Park Phase 3
- Shams 1
- Gemasolar
- London Array, Dudgeon, Hywind, Tafila, Tesla
- EWEC
- Ghantoot water desalination
Since 2008, Masdar has been developing Masdar City as a **commercial, integrated community**

Currently:
- 176,000 sqm of completed buildings fully leased and occupied
- 450 residents

**By 2020,**
- 1,000,000 sqm developed
- 7,000 residents

Freezone with over 360 registered companies

World’s first self-driving transport

High-performance buildings include:
- LEED Platinum
- Estidama (IRENA HQ)
- Eco Villa pilot

R&D
- Unique challenges – heat, water
Masdar 2017

District Cooling Plant: 2016

Ryan International School: 2015

Khazna Data Centres: 2014

Incubator Building: 2013

Siemens Middle East HQ: 2012

International Renewable Energy Agency (IRENA) HQ: 2012

Masdar Institute 1B: 2012

Masdar Institute 1A: 2010

Masdar 10MW Solar Photovoltaic Plant: 2009
We are always looking for the latest tech providers: cooling, water, transport, waste, agriculture.