



# Who does not think of Energy, Does not think of the future

*Sheikh Mohammed bin Rashid Al Maktoum  
Vice President and Prime Minister of the United Arab Emirates  
ruler of the Emirate of Dubai*





# UAE's National Energy Strategy



## National Energy Strategy 2050 was Launched in January 2017

### Supply side

**50%** Clean  
Energy in Capacity  
Mix by 2050



### Demand side

**40%** Final Energy  
Demand reduction vs.  
Business as Usual by  
2050



**The launch of the National Energy Strategy 2050 was through a visualization tool and a strategy game** to include all the key stakeholders across the public and private entities in the energy sector who will be the enablers of the strategy. The energy strategy game was designed in partnership with the Prime Minister's Office and allowed the stakeholders to stress test the scenarios which were created to envision the future of the energy sector. The various challenges which needs to be overcome to achieve the set targets for clean energy and demand side reduction were highlighted through this process



## Objectives of the National Energy Strategy

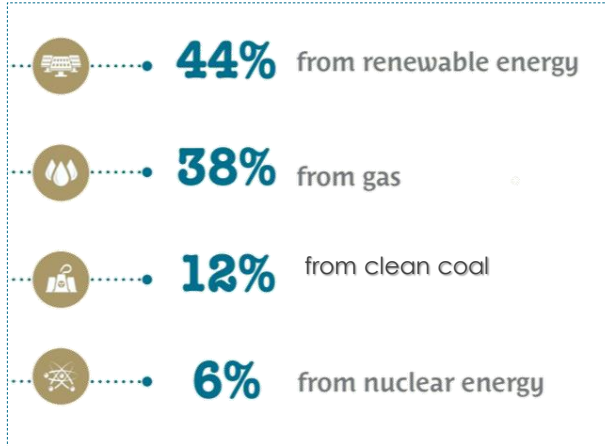
- To deliver clean, secure, affordable energy while treating the environment responsibly.
- Maximize Energy Productivity of the UAE economy while ensuring happiness of the residents of the UAE.
- To respond to the risks of climate change by reducing the greenhouse gas emissions caused by the production and use of energy.





# The Final Solution: National Energy Strategy 2050

## Future Energy Mix



**25-50%**

The plan will increase the contribution of clean energy 25-50% by 2050

**70%**

Will reduce carbon emissions resulting from the power generating process by 70%

**40%**

Improve energy efficiency by 40% by the middle of the century

**6%**

Annual growth in demand for energy stands at 6%

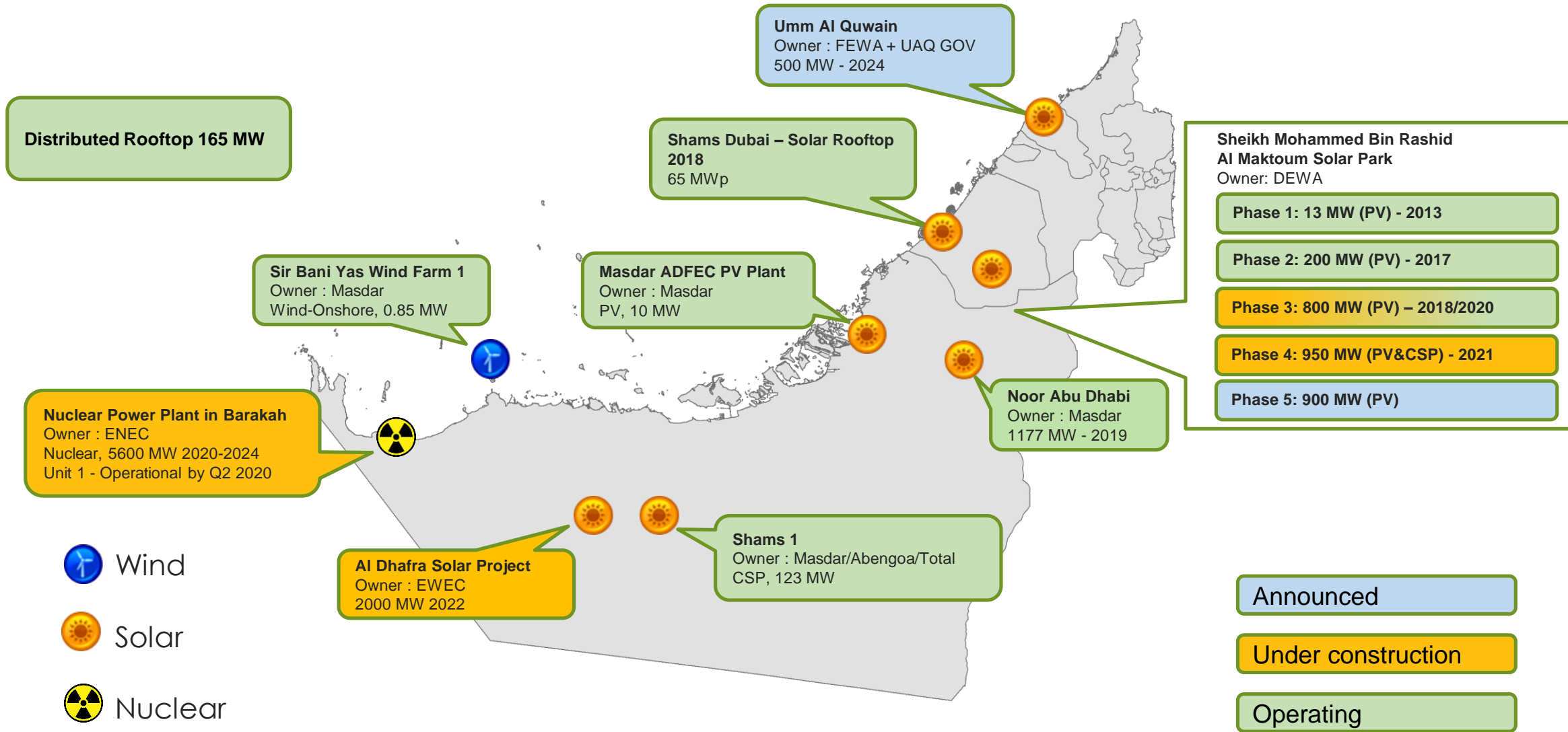
**AED 700 BN**

Savings resulting in AED 700 billion worth





# Clean Energy Projects in UAE



UNITED ARAB EMIRATES  
MINISTRY OF ENERGY & INFRASTRUCTURE



الإمارات العربية المتحدة  
وزارة الطاقة والبنية التحتية