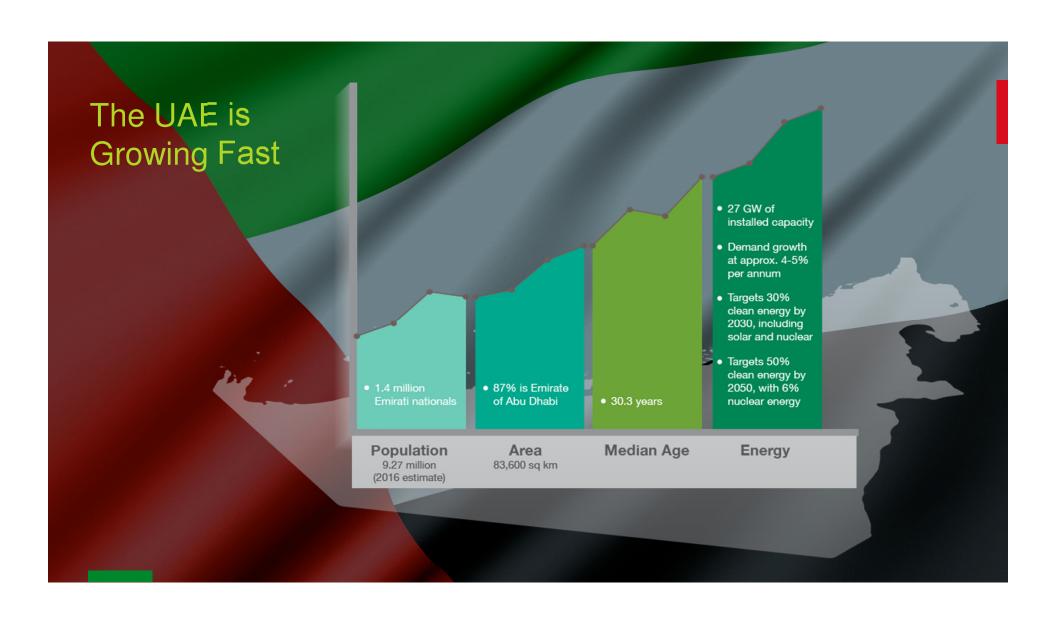




Contents

- Peaceful Nuclear Energy in the UAE
- Delivering a nuclear new build project
- Update on the Barakah Nuclear Energy Plant
- Aspects of a full peaceful nuclear energy program





Options for Meeting Demand



Nuclear Energy

Clean, proven and commercially viable technology that delivers significant volumes of baseload electricity



Natural Gas

Generates largest share of UAE electricity, but not enough to meet future demand



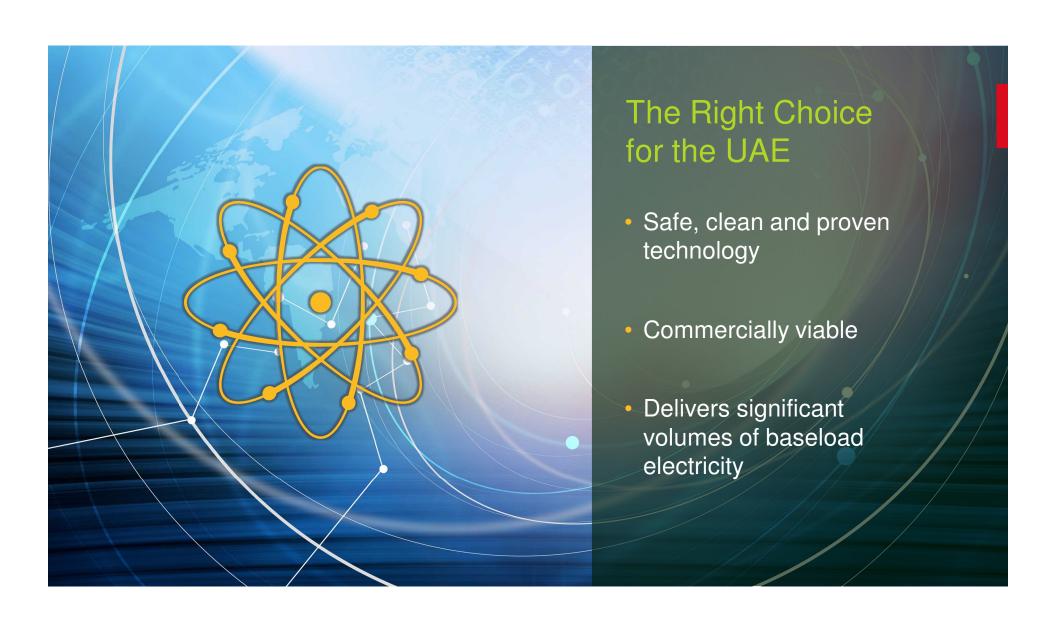
Coal

Low in cost, but presents environmental concerns



Renewable Energy

Important part of the UAE's energy mix, but can only supply limited capacity





UAE Policy on Peaceful Nuclear Energy

Policy Principles:

- Complete operational transparency
- Highest standards of non-proliferation
- Highest standards of safety and security
- Conformance to IAEA standards
- Partnerships with the governments and firms of responsible nations, and appropriate expert organizations
- A program that best ensures longterm sustainability

Policy released in April 2008

Federal Law & Regulation









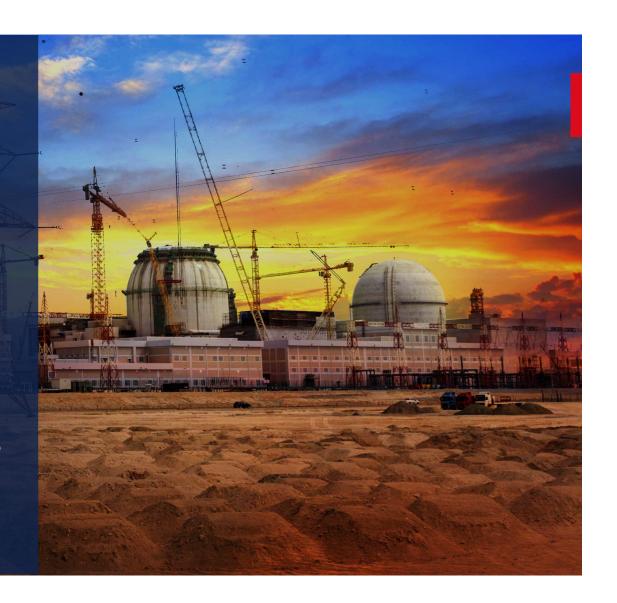
Our Mission & Vision

Mission

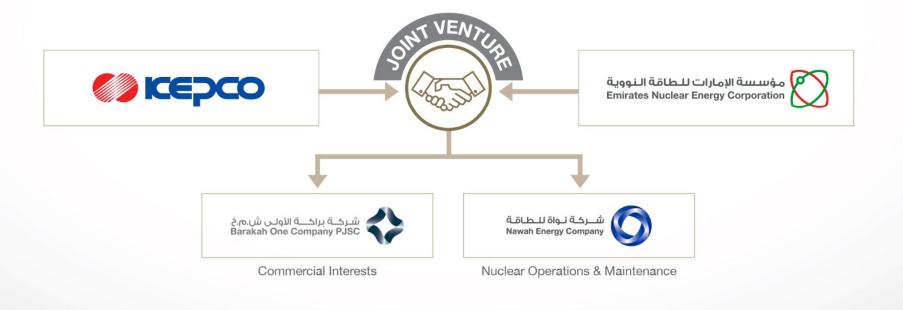
To deliver safe, clean, efficient and reliable nuclear energy to the UAE grid, develop our people and build sustainable nuclear sector capability, and ensure full alignment with the UAE energy strategy.

Vision

Powering the future growth and prosperity of the UAE through a safe and sustainable peaceful nuclear energy program.



The Joint Venture



About Nawah Energy Company

Nawah is co-owned by ENEC (82%) and KEPCO (18%)

Nawah will operate and maintain the four units at Barakah Nuclear Energy Plant.





About Barakah One Company

Barakah One Company is co-owned by ENEC (82%) and KEPCO (18%)

Represents commercial interests of Barakah project

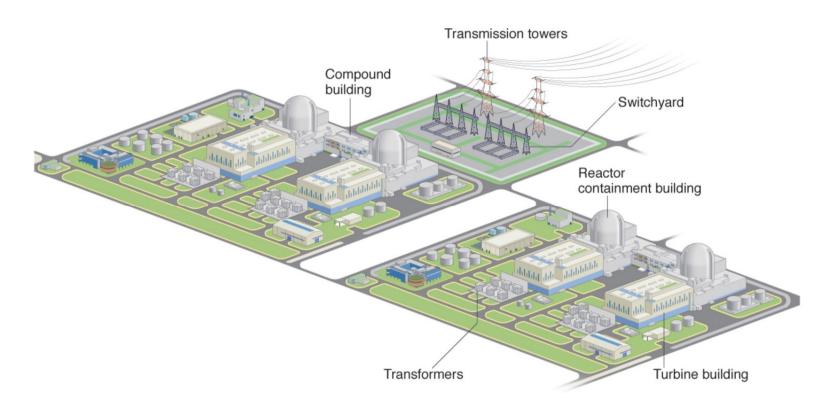
شركــة براكـــة الأولـى ش.ص.خ Barakah One Company PJSC



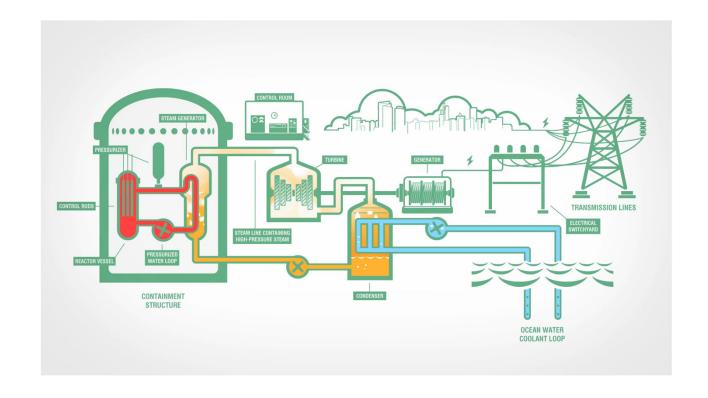




Prime Contract and Technology

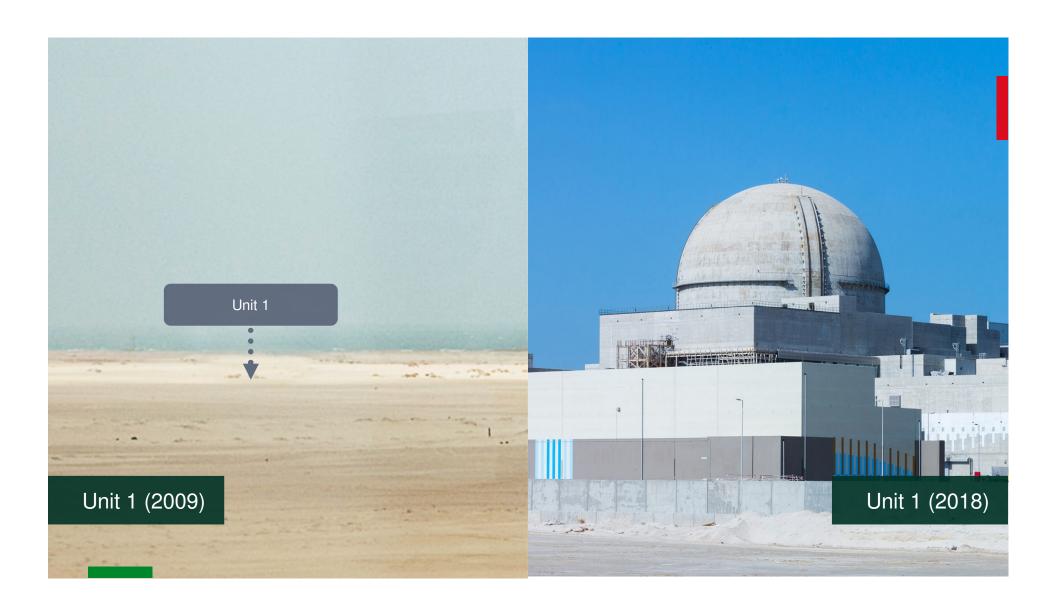


How to Nuclear Power Plant Works



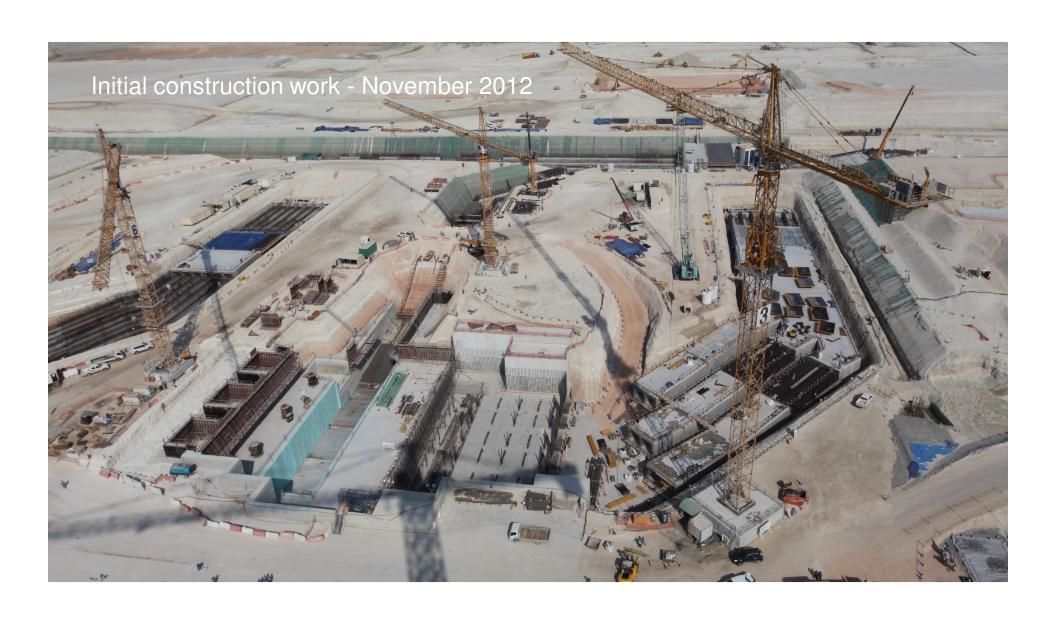






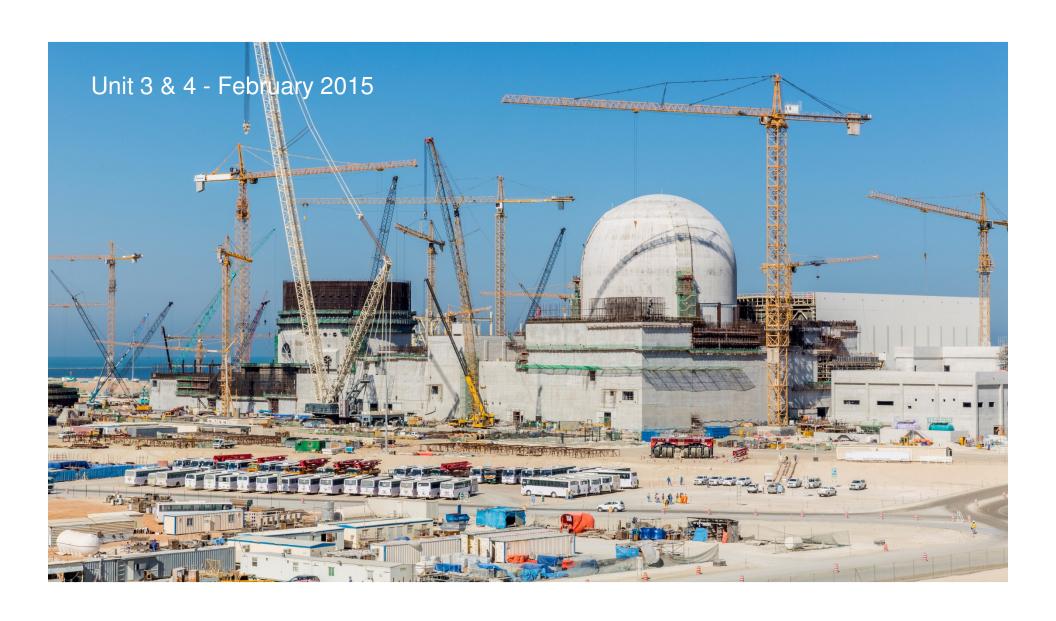










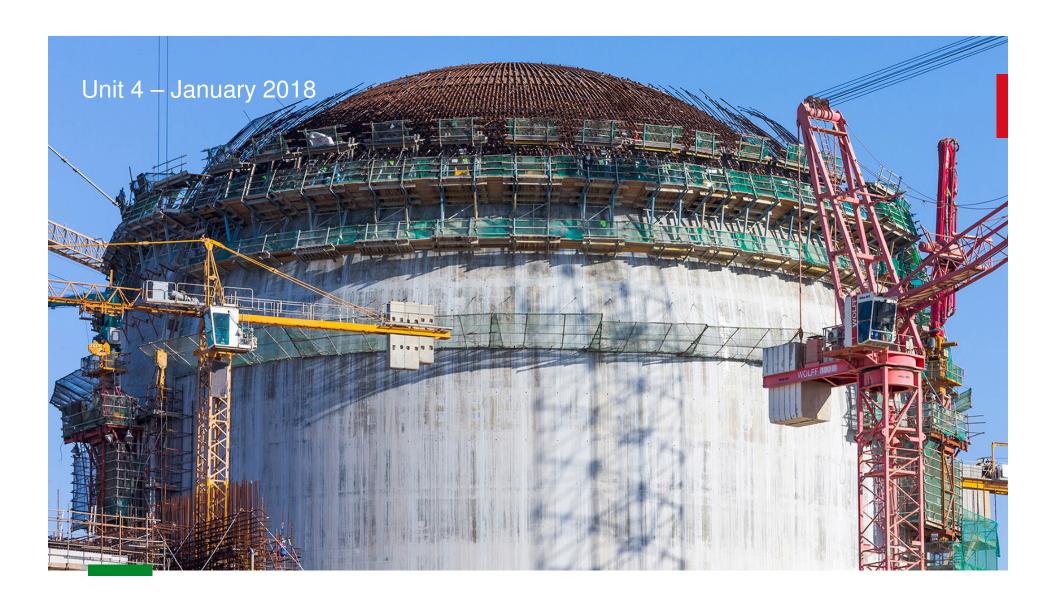








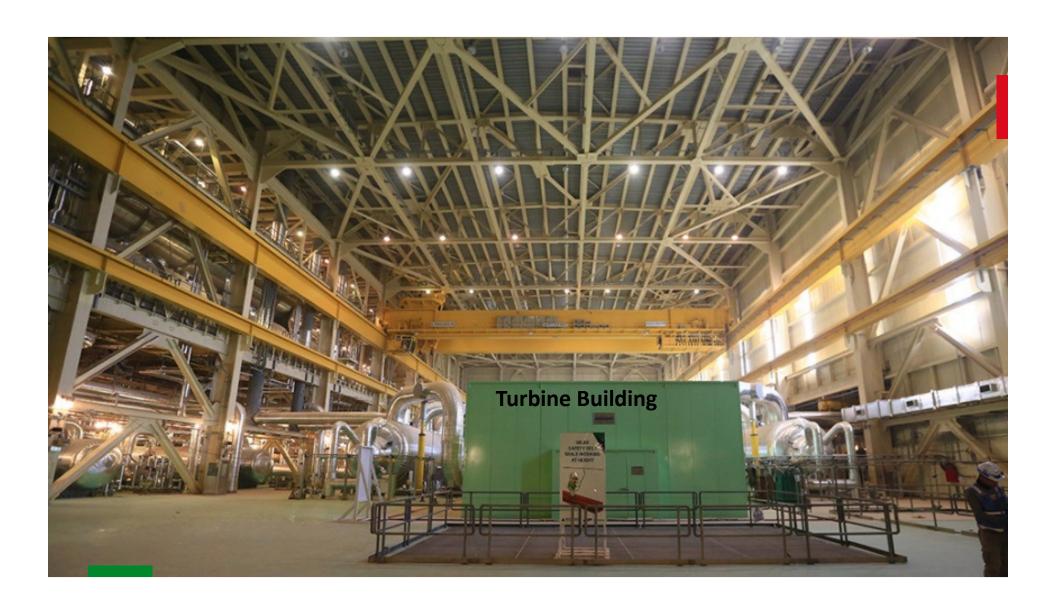










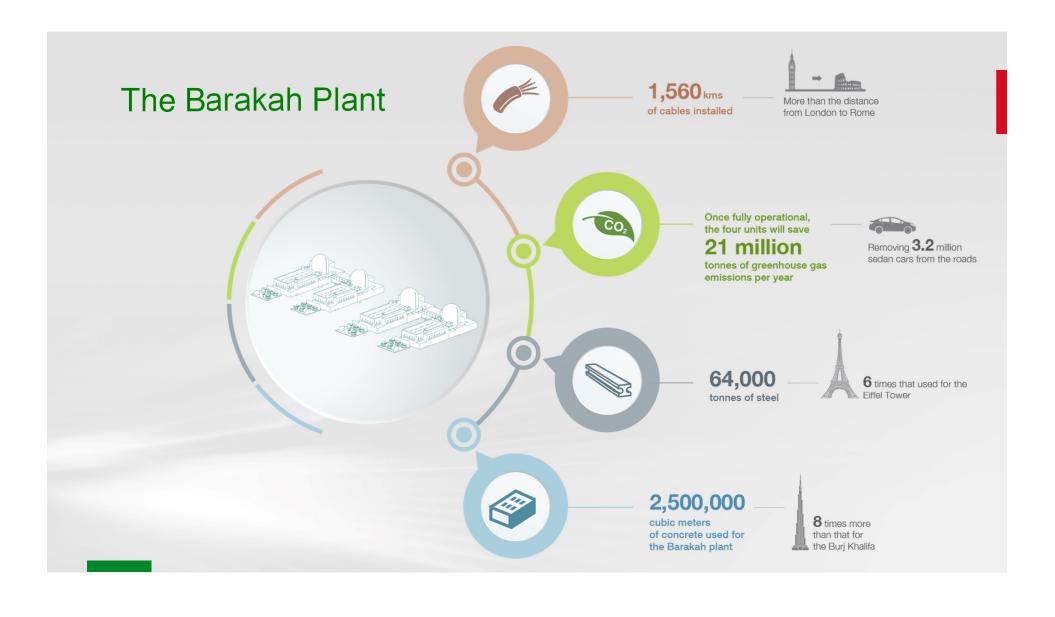


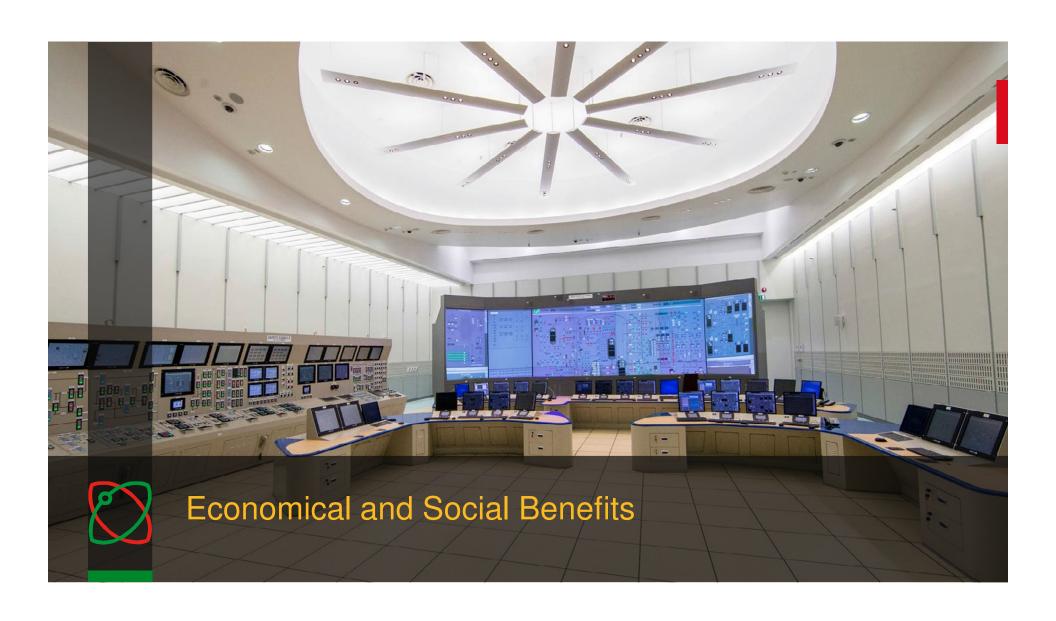


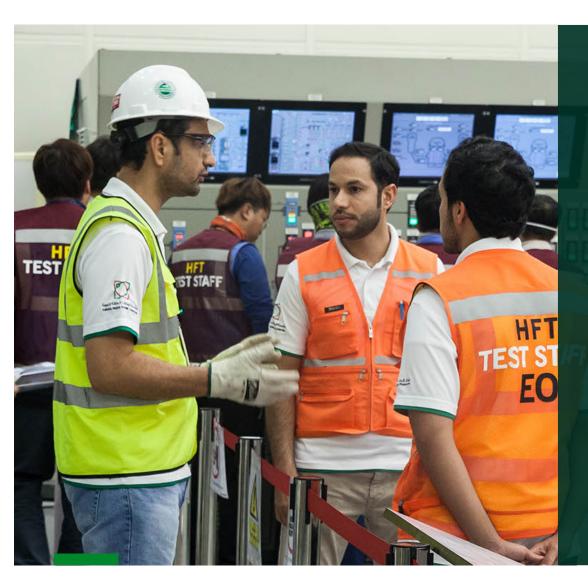
Construction Completion Ceremony











Our Skilled Workforce

- ENEC and Nawah currently employ over 2,500 people
- Around 60% are local Emiratis
- 40+ nationalities
- 20% women

Developing Skilled Professionals

- 156 students currently studying through an ENEC-sponsored program
- Over 500 graduated from a program through an ENEC scholarship
- 55 reactor operators in training



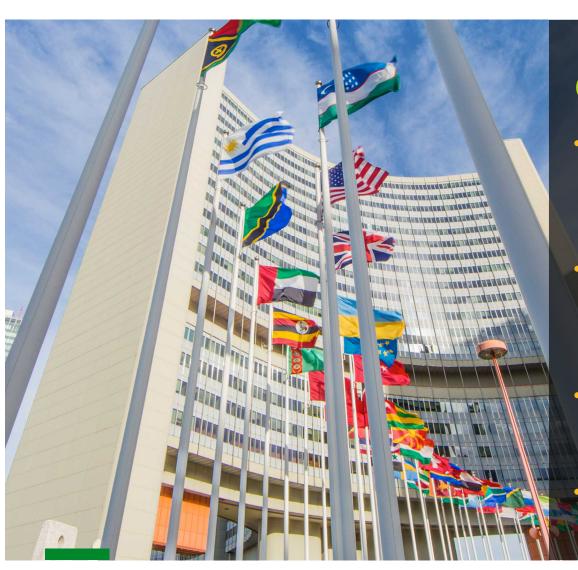




Industrial Development

- Developing a local nuclear value chain
- Promoting industrial development
- More than \$3.5 billion (AED13 billion) awarded to local companies
- Over 1,400 UAE companies involved in the project
- Quality and safety standards raised to nuclear-industry level





Conclusion

- Working with the full support and confidence of the international community
- Building on the most rigorous standards of safety, transparency and security
- Instilling a culture of continuous improvement
- Powering the future growth and prosperity of the UAE

