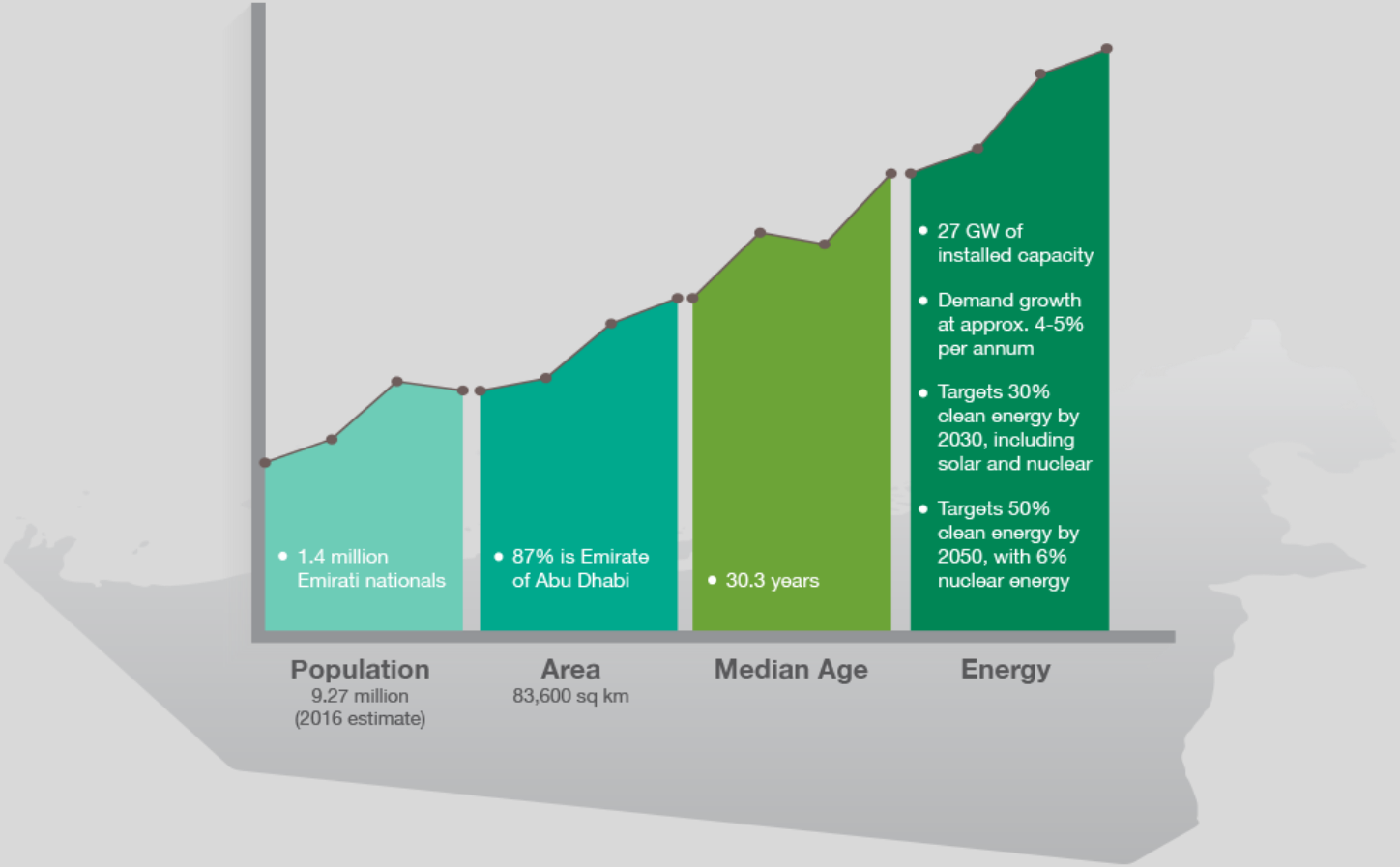
UAE Peaceful Energy Program – Our Story

History of Peaceful Nuclear Energy in the UAE

The UAE is Growing Fast



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.

The Right Choice for the UAE

- Safe, clean and proven technology
- Commercially viable
- Delivers significant volumes of baseload electricity

UAE Policy on Peaceful Nuclear Energy

Policy Principles:

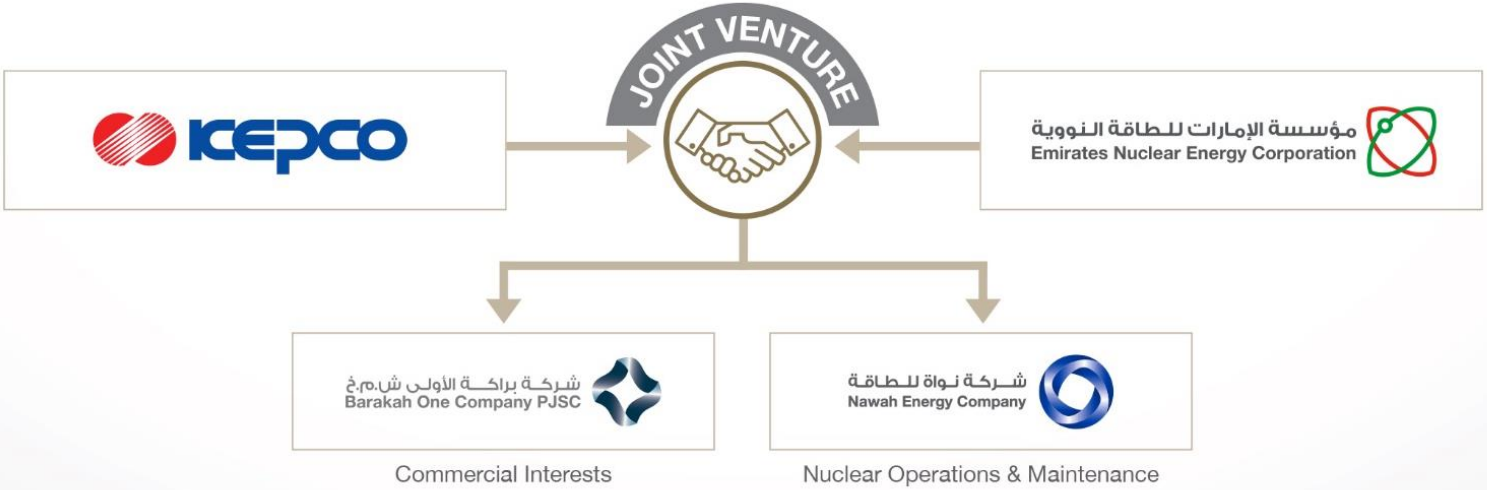
- Complete operational transparency
- Highest standards of non-proliferation
- Highest standards of safety and security
- Conformance to IAEA standards
- Partnerships with the governments and firms of responsible nations, and appropriate expert organizations
- A program that best ensures long-term sustainability

Policy released in April 2008

International Support

- 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 continual improvement

The Joint Venture



Overall completion of the four units: 90%

as of October 2018

Developing Skilled Professionals

- Recruiting, training and mobilizing a team of highly skilled professionals
- Meeting a need for approximately 2,800 highly trained personnel
- Drawing from international best practices

Program Challenges

- Non-conventional project management
- Financing
- Manpower

- **Key lessons to share – early development of human capital**

Thank You