Experiences from nuclear projects around the world

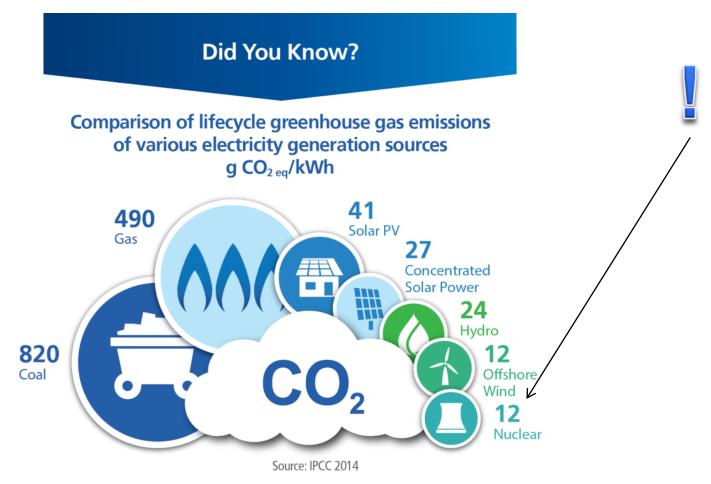
Aziz Dag CEO Westinghouse Sweden

Nuclear energy in a global perspective November 24, 2015



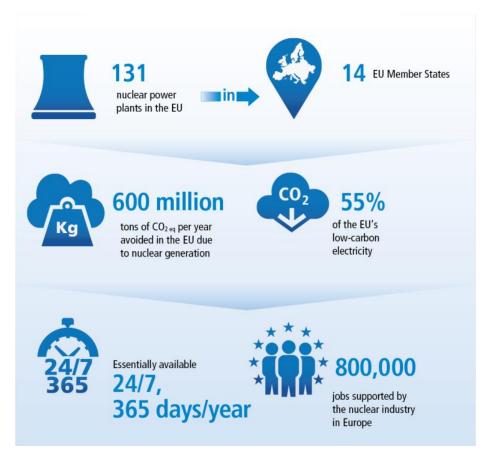
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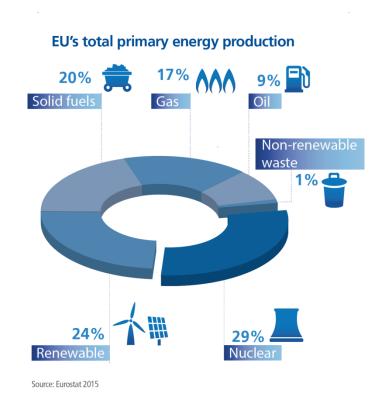
Nuclear Energy's Role in Mitigating Climate Change





Nuclear Energy in Europe







Customer Needs and Expectations

- Clean, secure and diverse energy supply
- Efficient and reliable generation to power future economic growth
- Highest levels of safety
- Strong reference plant design established
- Licensed in country of origin
- Multiple plants built and operating
- Commitment to sustainable localization
- Vendor ability to add value throughout plant lifetime



Westinghouse AP1000™ plant is designed to meet customer needs by generating safe, clean, reliable electricity for many decades



Westinghouse Global Capabilities and Experience

Operating Plants Business

Delivers operating plant products and services, including global field services, instrumentation and control, welding and machining, and installationrelated functions

Decommissioning, Decontamination & Remediation

Deploys global technologies and forms local partnerships to carry out long-term projects



New Plants & Major Projects

Delivers both new-plant projects and major projects for new and operating plants on a global basis

Nuclear Fuel & Manufacturing

Designs and delivers fuel for PWR, BWR, VVER and AGR reactors, and oversees manufacturing operations worldwide

Engineering Center of Excellence

Supports all product lines by driving common engineering capabilities and accelerating innovation



Westinghouse technology is the basis for nearly 50 percent of nuclear power plants operating worldwide!

Westinghouse in Europe



1962

first Pressurized Water Reactor (PWR) in Europe was built by Westinghouse



60%

of the nuclear power plants in the EU are based on Westinghouse technology



25

commercial reactors designed and supplied by Westinghouse across Europe



4,000

highly-skilled and trained people across Europe, plus an additional 1,500 contractors

- 54 out of the 58 French reactors are based on Westinghouse licensed technology.
- 65 nuclear reactors in Europe are currently fuelled by Westinghouse (PWR – including VVER, BWR, AGR and Magnox).
- We have operations in 10 European countries.
- Our AP1000[®] reactor is the safest, most efficient and reliable design currently available in the worldwide marketplace.





AP1000 Plant Value Proposition

Proven Technology and Innovative Passive Safety Systems

Passive safety replaces mechanical and electrical systems – harnesses natural forces like gravity, convection and condensation to achieve safe shutdown

AP1000

Delivery Certainty

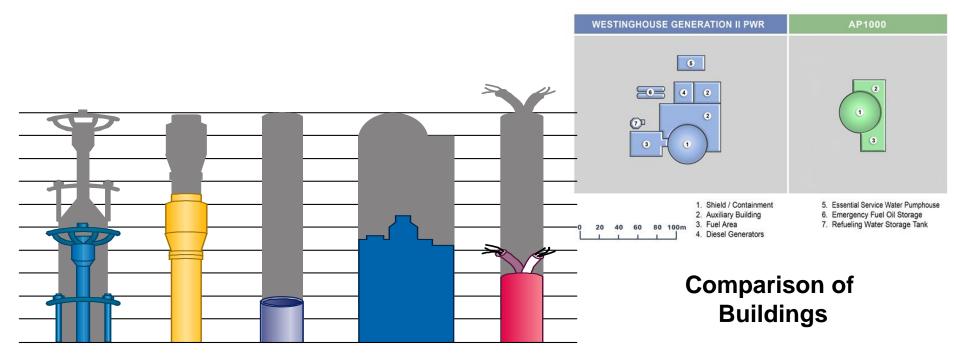
Standard design, experience from current projects and modular construction enable "nth of a kind" delivery performance



Regulatory Certainty

Reviewed by multiple countries; first Generation III+ reactor to receive design certification from the U.S. NRC

Simpler Design Requires Less Equipment & Less Concrete, and Fewer Human Resources



50% Fewer 35% Fewer 80% Less 45% Less 85% Less Valves Pumps Pipe Seismic Building Cable Volume

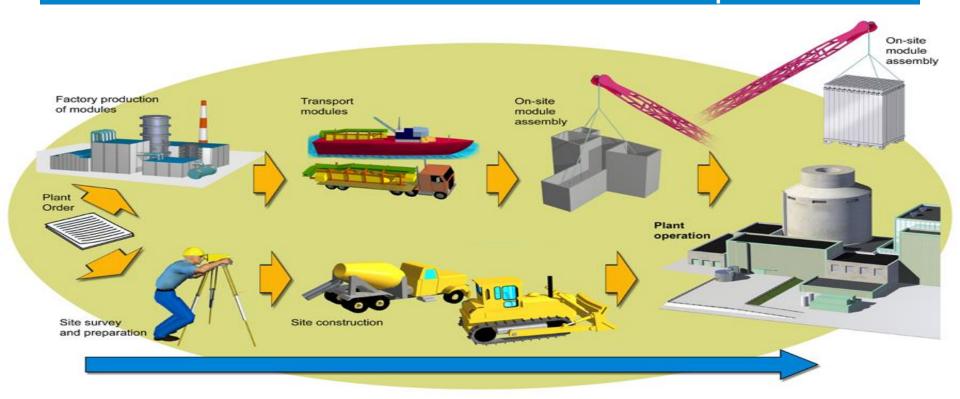
- No safety related pumps
- No safety related AC power
- •Eliminates safety related support systems: HVAC, cooling, pneumatics.



The AP1000 PWR: Designed for Certainty

Modular Construction Leads to a Shorter Construction Schedule

Modular construction means more work done in parallel



Shorter schedule - Increased safety - Improved quality

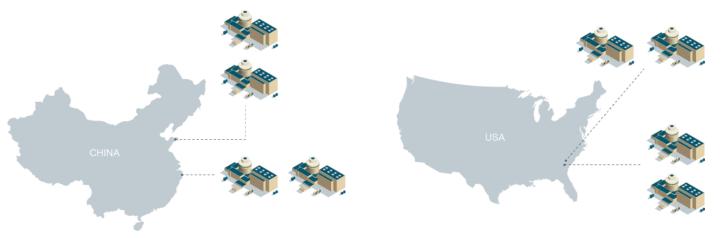


Current Westinghouse New Build Opportunities



An Emerging Global Fleet

- Eight AP1000 units under construction in China and U.S.
- Shareholder agreements signed for additional units















China AP1000 Plant Progress

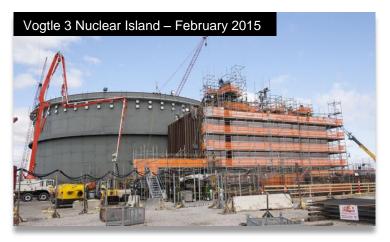








U.S. AP1000 Plant Progress









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Sanmen Site Progress: Time Lapse View 2009 to 2015





Summary

- Long-term safe, clean, power generation is dependent upon:
 - Globally reducing dependence on fossil fuels
 - Introducing clean, renewable energy forms
 - Providing safe, clean, reliable baseload generation of nuclear power
- AP1000 plant technology and delivery experience are ready to meet the need for safe, clean, reliable energy
- Eight AP1000 units under construction in China and U.S.
- Shareholder agreements signed for additional units





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AP1000 plant technology and delivery experience are ready to meet the need for safe, clean, reliable energy!



