



third way
fresh thinking





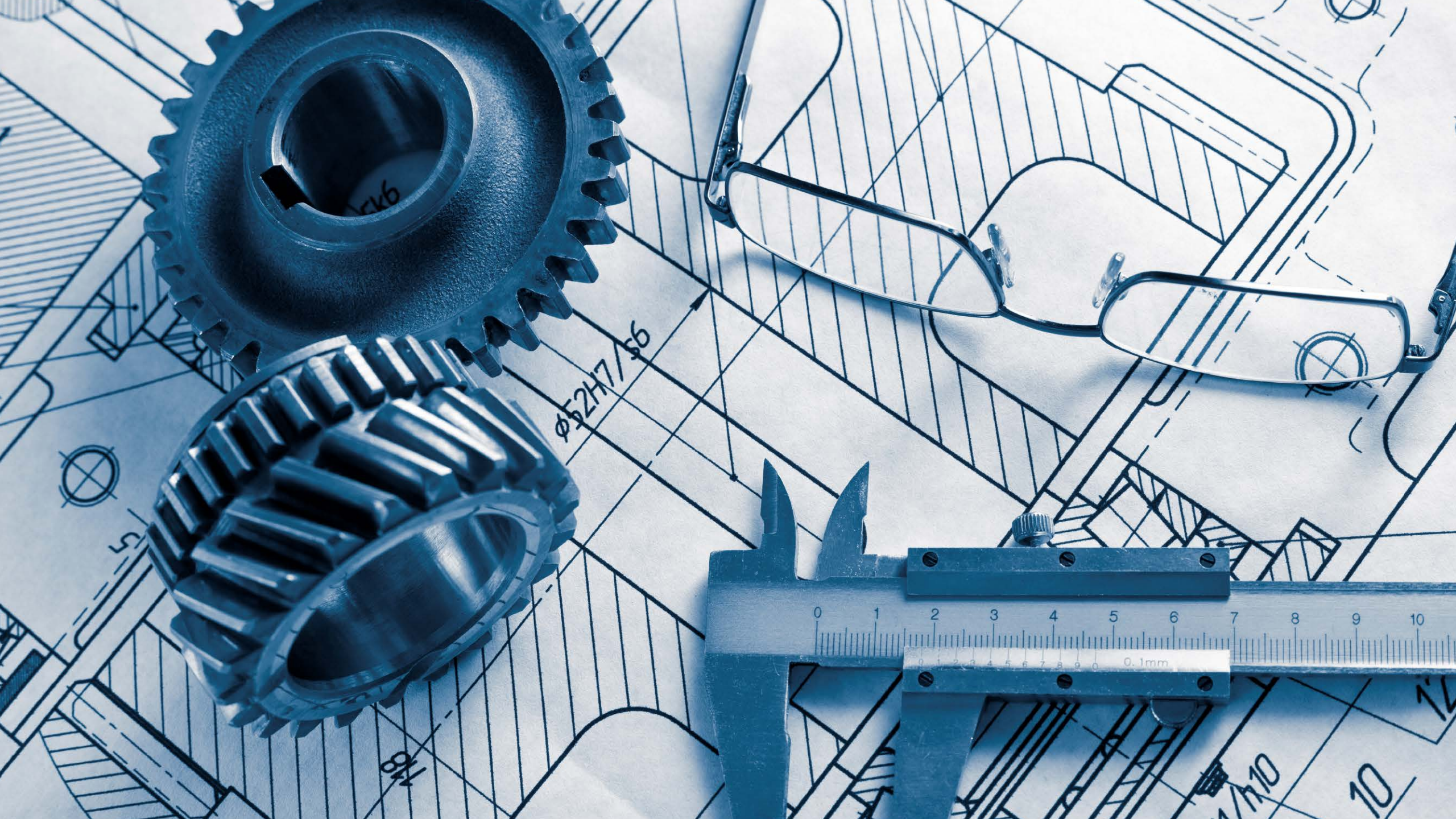
Advanced Nuclear Industry: Next Generation













State of play among nuclear fission innovators



A large, modern, multi-story building with a grid of windows, partially obscured by trees and a sign in the foreground. The building is light-colored and has a prominent corner. The foreground features a dark sign with white text, green foliage, and a grassy area.

DEPARTMENT OF ENERGY



ONE
WHITE FLINT
NORTH

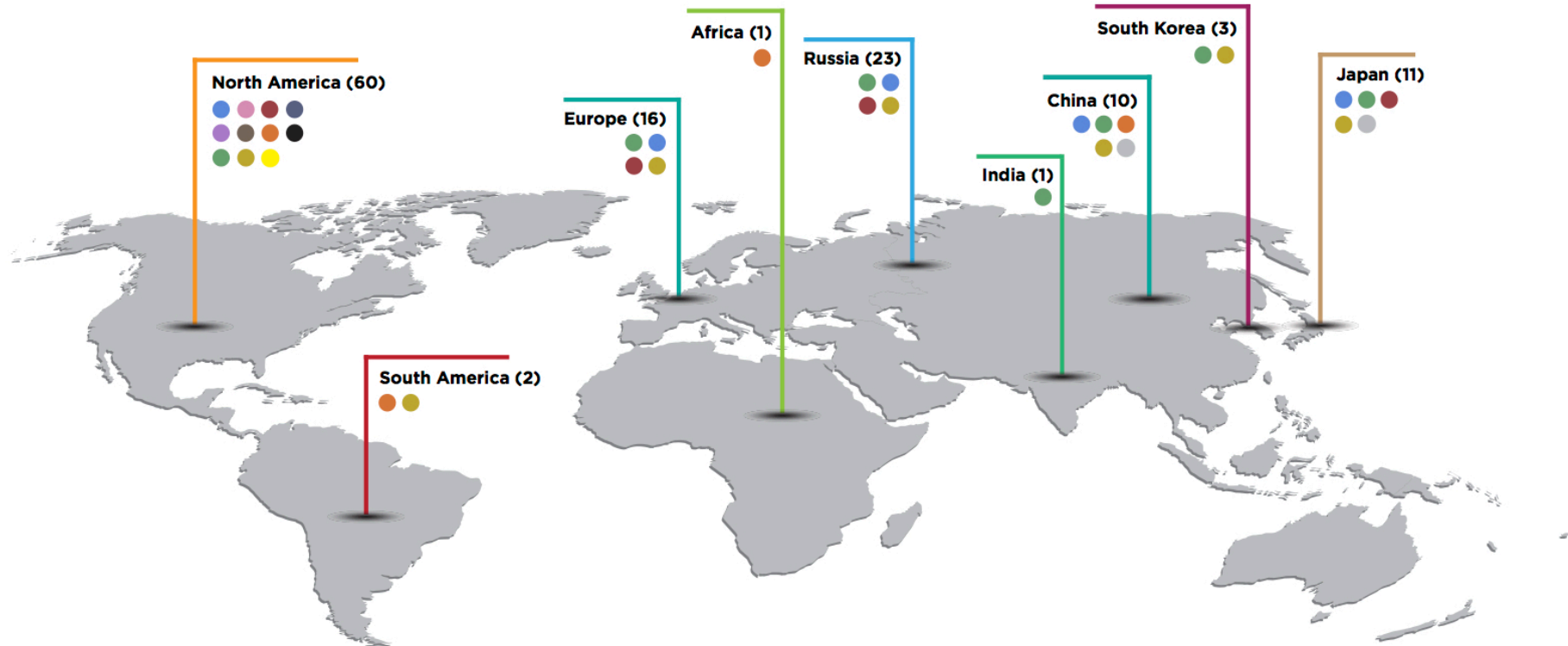
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UNITED STATES
NUCLEAR REGULATORY
COMMISSION

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The Global Advanced Nuclear Industry



Reactor Design Types

- Molten Salt Reactor
- Fluoride Salt-cooled High Temperature Reactor
- Liquid Metal-cooled Fast Reactor
- High Temperature Gas Reactor
- Pebble Bed Reactor
- Nuclear Battery Reactor
- Designs Advanced Nuclear Fuels
- Small Modular Reactor
- Fusion Reactor
- Super-Critical CO₂ Reactor
- Accelerator Driven System
- Super-Critical Water-Cooled Reactor






THE ADVANCED NUCLEAR

SUMMIT AND SHOWCASE



THE
ADVANCED NUCLEAR
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