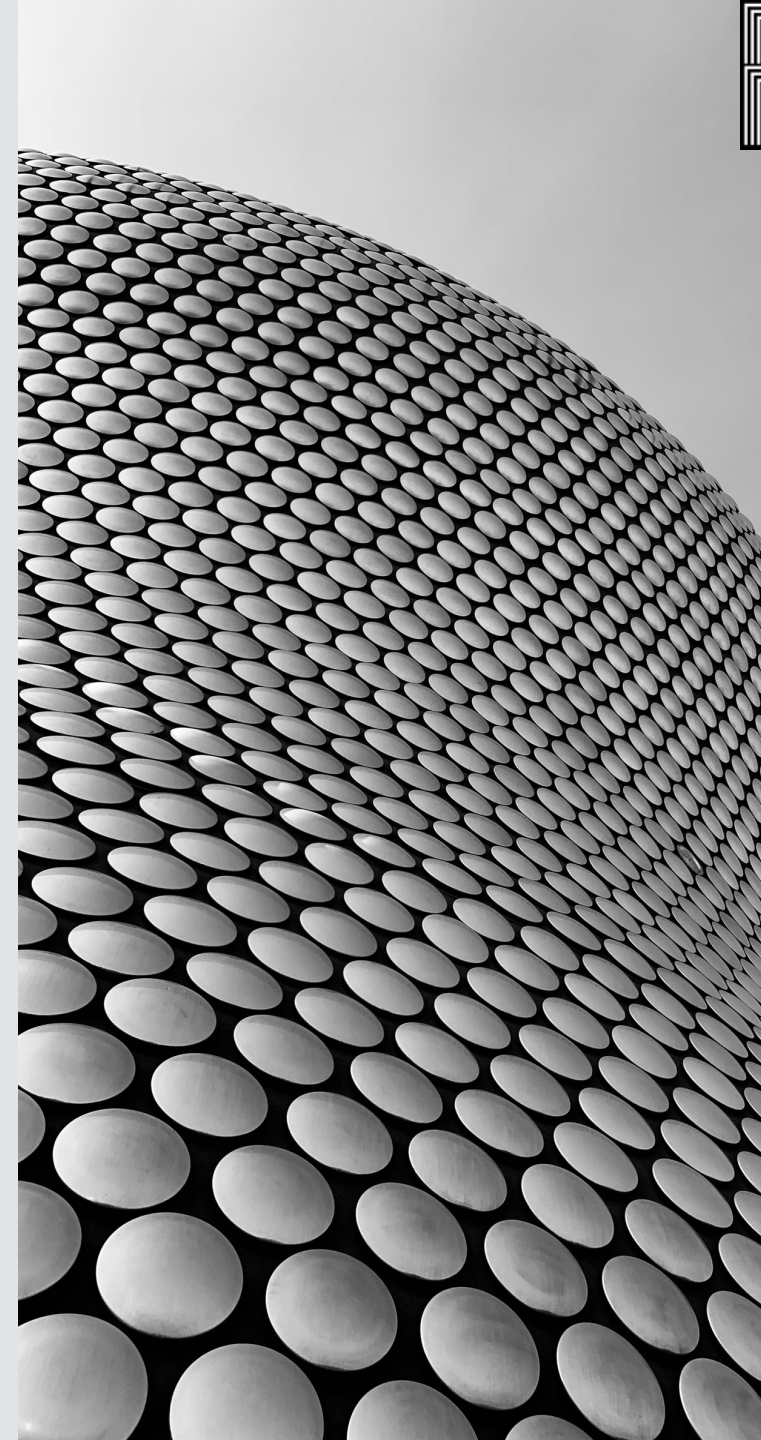


Advanced Reactor Deployment

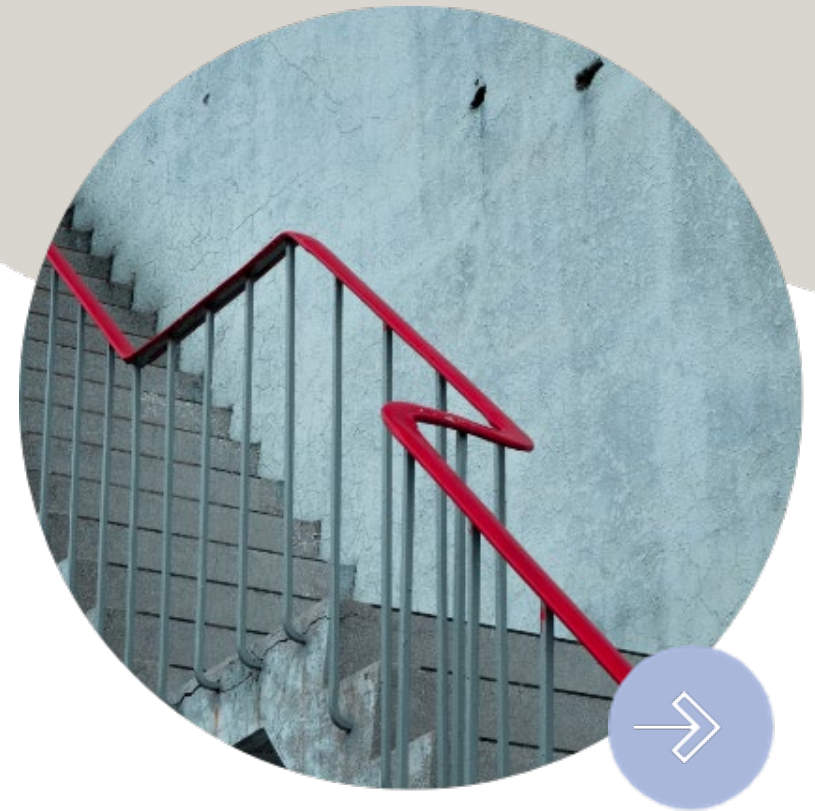
Regulatory Initiatives

Mo Shams



Framework Modernization

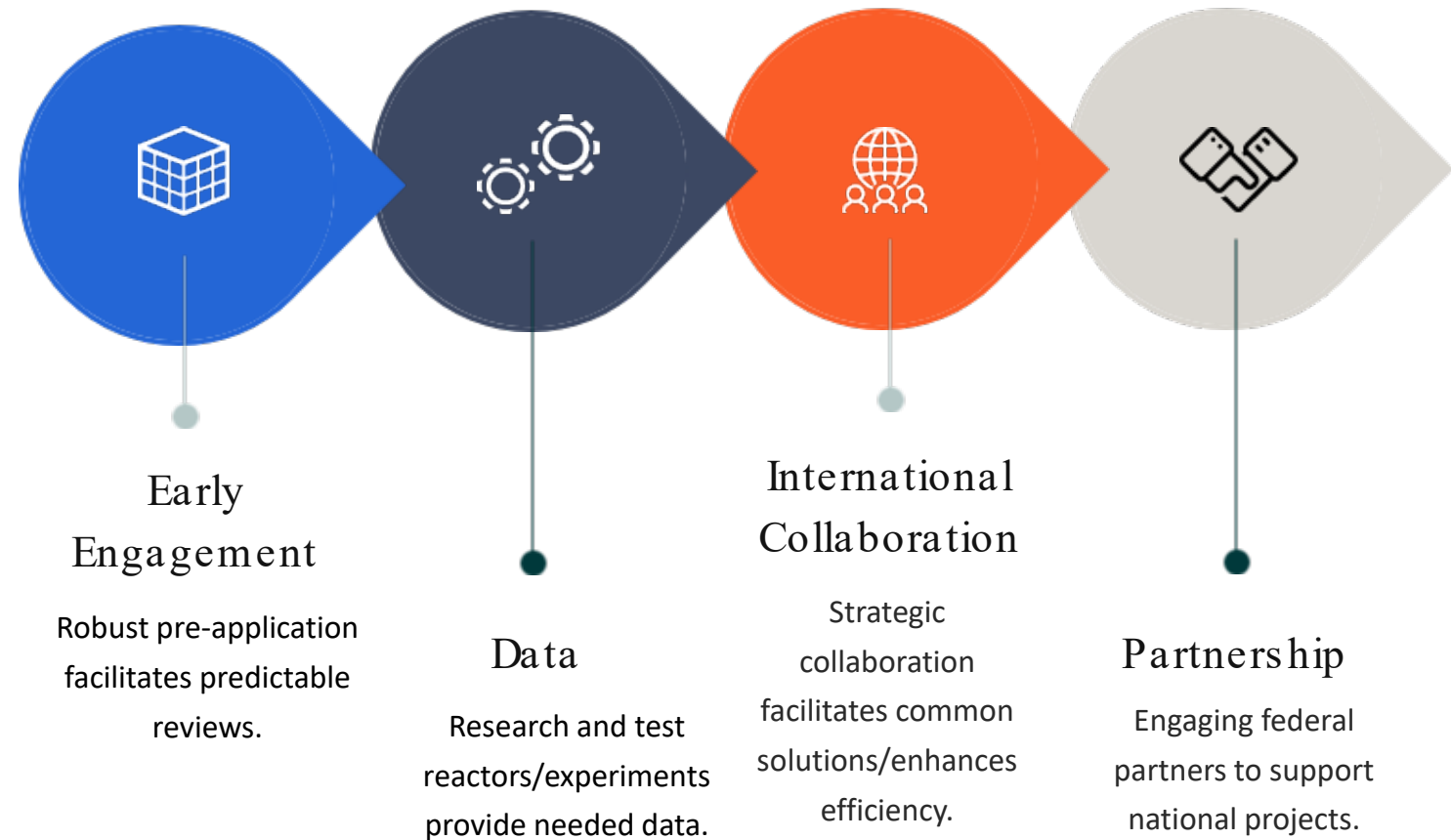
- Part 53
- Physical Security
- Emergency Preparedness
- Generic Environmental Impact Statement
- Siting
- Part 50/52 alignment
- Construction Oversight (ARCOP)
- Fees
- Fusion
- Guidance (TICAP/ARCAP)
- Microreactors



Who we're working with

- Licensing
 - Kairos Power
 - Abilene Christian Univ.
 - NuScale
 - Terra Power
- Fuel Fabrication Facilities
 - X-energy
- Pre-Application
 - X-energy
 - Kairos Power
 - TVA
 - Oklo
 - ARC
 - Terrestrial Energy
 - Westinghouse
 - Holtec
 - Radiant
 - GE Hitachi
 - Univ. of Illinois
 - General Atomics
- Military
 - PELE
 - Eielson AFB

Licensing First-of-a-Kind Technologies





INTERNATIONAL COLLABORATION



Regulatory Efficiency

Enabling Advanced Reactor Regulatory Safety & Efficiency Globally

**Multilateral
Agreements**
UK ONR, US
NRC & CNSC
Memorandum of
Cooperation on
Advanced
Reactor and SMR
Technologies

**Bilateral
Collaboration**
PAA, Romania
& Others

Multinational Groups
IAEA, NEA & WENRA

International Forums
SMR Regulators Forum
Nuclear Harmonization & Standardization Initiative
Regulatory Cooperation Forum



Thank you.