

SMRS

Small But Mighty Reactors!

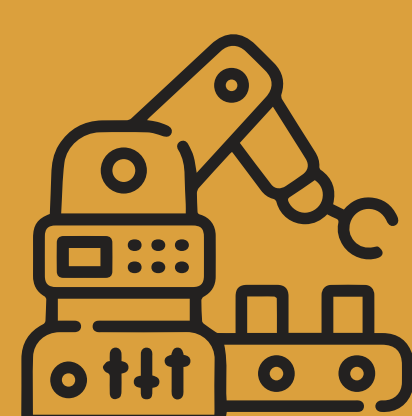
“Redefining nuclear energy with compact design, modular construction, and enhanced safety margins.”

Small

In Power < 300 MWe.
In Contracted Site and Grid.

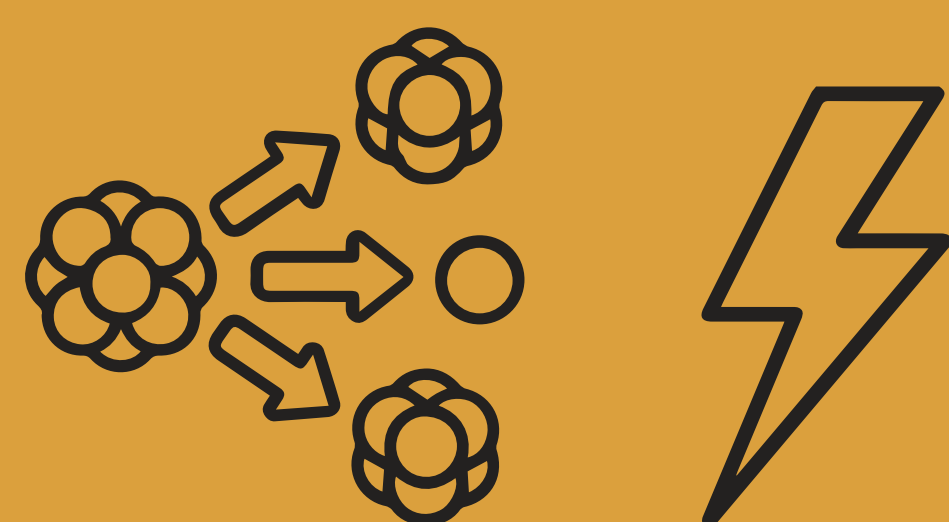
Modular

Fabricated Standardized Transported Assembled



Reactor

Fission to Electricity!



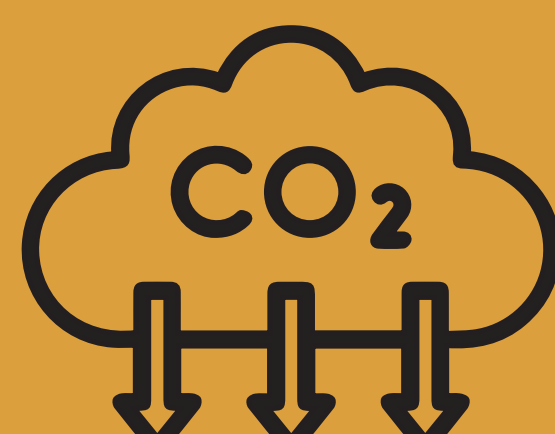
Design

SMRs are advanced nuclear reactors designed around modularity and simplification. By integrating the reactor core, coolant system, and safety features into a compact layout, SMRs reduce complexity and construction uncertainty. Multiple reactor modules can be deployed at a single site, allowing capacity to grow with demand.



Future Role

Beyond electricity generation, SMRs are expected to support hydrogen production, district heating, desalination, and industrial process heat. As regulatory frameworks mature and supply chains develop, SMRs are positioned to become a key component of low-carbon energy systems, particularly for regions seeking reliable, scalable, and resilient power solutions.



Near-term Developments

- Transition from prototypes to commercial deployment.
- Standardization of designs and licensing processes.
- Cost reduction through serial manufacturing.



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