



GNI Overview and Accomplishments

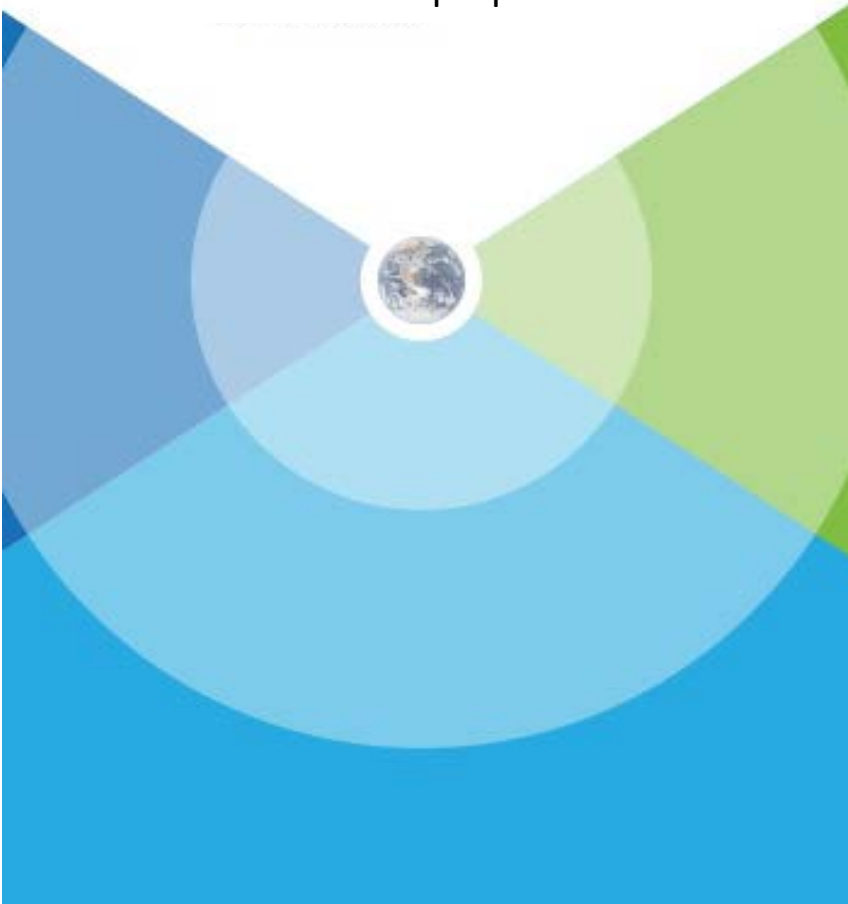
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The Global Nexus Initiative

GNI, created in 2015, has proven that the challenges of the 21st Century can effectively be addressed through new collaborations, policy innovation, and a common purpose.



What Is the Global Nexus Initiative?

The Global Nexus Initiative (GNI) brings together for the first time, **20 leading experts** from the nuclear industry, nuclear security, and environmental communities to examine the complex challenges posed by the **intersection of climate change, energy demand, and global security.**

GNI has proven that, together, non-traditional partners **can develop valuable new policies** that address important issues arising from the nexus of nuclear power, climate challenges, and global security.

Nuclear in a New Era: Four Key Policy Objectives

Supporting Decarbonization

Nuclear power, with other clean energy technologies, is essential to meeting global clean energy demand and climate objectives.

Strengthening Geopolitical Competitiveness

Nuclear export relationships are long and geo-strategically important. Authoritarian governments are now positioned to dominate 21st Century global nuclear supply.

Prioritizing Innovation and Technology

Next generation technology is the new frontier. Advanced reactors require financial, regulatory, R&D, and security support.

Leading on Global Security and Governance

Strong safety, security and non-proliferation systems are essential in every country operating, expanding, and pursuing nuclear power programs.

Key Achievements

Since 2015, GNI has held multiple workshops and meetings, produced four videos, and published **six policy reports**:

1. [Advancing Nuclear Innovation: Responding to Climate Change and Strengthening Global Security](#)
2. [Identifying Preliminary Criteria for Safeguarding Advanced Nuclear Reactors](#)
3. [Nuclear Power for the Next Generation: Addressing Energy, Climate, and Security Challenges](#)
4. [Evolving Nuclear Governance for a New Era](#)
5. [A Framework for Advanced Nuclear Reactor Deployment: Policy and Issues](#)
6. [The Role and Responsibility of Nuclear Power in a Carbon Constrained World](#)

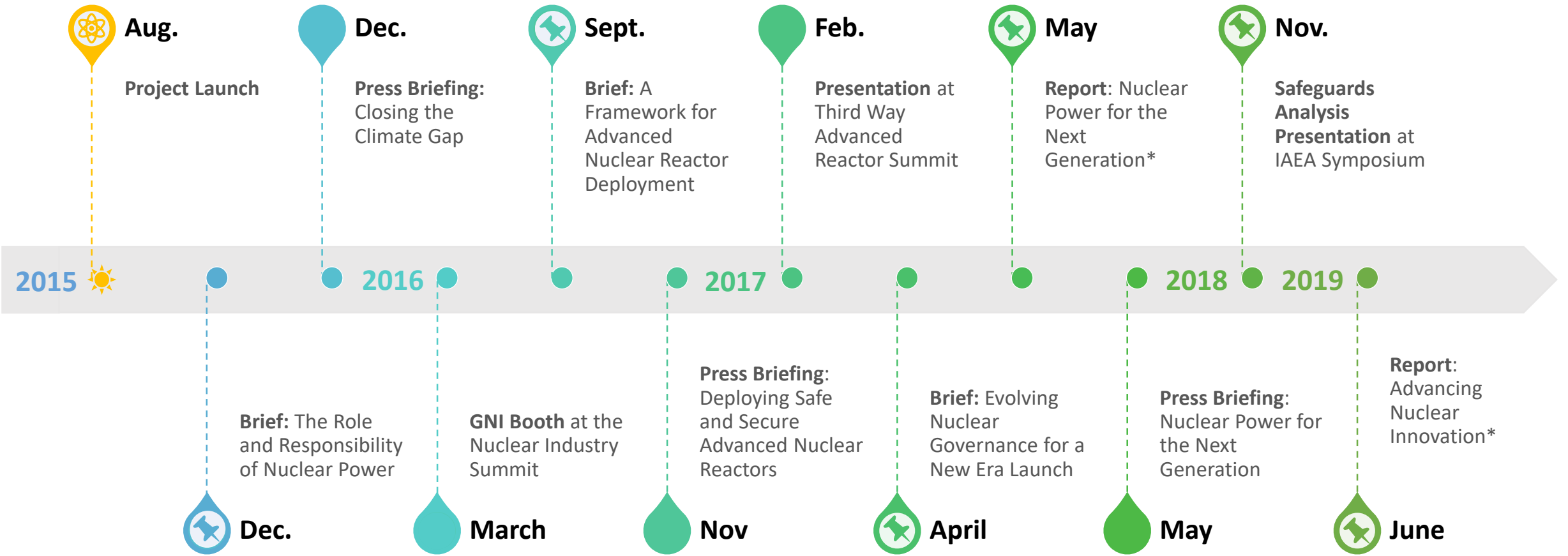
These reports have:

- **Established** the value of nuclear power in addressing the global climate change challenge.
- **Developed** the key policy pillars that undergird the value of nuclear power in the 21st Century.
- **Produced** the first comprehensive, public analysis of the safeguards, security, and geopolitical implications of next generation advanced reactors.
- **Won** two Graphic Design USA Awards.



Timeline of Success

Since 2015, GNI has released **6 policy reports**, **4 Videos**, **3 Press Briefings**, and **2 Webcasts**. Two of its *reports designed by Odgis & Co. have won Graphic Design USA Awards.



2019 in Review

[Advancing Nuclear Innovation: Responding to Climate Change and Strengthening Global Security](#), published on June 3, 2019. The **public launch was well received and attracted** media attention. The report was covered by several news outlets and featured in several highly respected energy newsletters. +

The report was **the first public response** to the call for “safeguards by design” in advanced reactors and set the **foundation for additional analysis**.

The report **won** a Graphic Design USA Award.

Follow-on workshop and paper with BTI.

Value of GNI was validated in a first-of-its-kind **MoU between NEI and the Canada Nuclear Association (CNA)**. It noted that the work of GNI will continue to be **a vehicle for enhancing international nuclear security collaboration**.

