

Innovation 4 Nuclear (I4N) North America

THE INNOVATION CONTEST OF THE NORTH AMERICAN YOUNG GENERATION IN
NUCLEAR

RULES & GUIDELINES



I4N-NA 2021 Contest Details



The link on www.NAYGN.org, outlines the first North America Nuclear Innovation Contest details.

The idea is to encourage and challenge young professionals to be innovative and take charge in creating sustainable solutions to the problems the world faces.

The purpose of I4N-North America is to **reward innovative ideas focused on nuclear technologies or applications that will contribute to the United Nations Sustainable Development Goals**

I4N-NA Description of the Contest

- **A Brainstorming meeting** with the Organizing Committee will be arranged in July before the forum to help them prepare their pitch and development plan.
- They will receive **I4N-NA giveaways**.
- The winning team awarded during ANS YPC21 Conference will receive a **travel grant** to attend the I4N finale during IYNC2022 in Sochi, Russia.

Travel grants are reimbursable based on the presentation of invoices.

I4N-NA – Rules and Guidelines

- **A team up to four members**, all under 40 in 2022
- The contest is open to **students and young professionals living currently in North America (U.S., Canada and Mexico)**
- There are **no restriction on members background** (technical, political, commercial, ... and from academia, industry, regulatory...)
- The **submission form** that will be completed will summarize the team information
- **The language of the contest is English** : although presentation skill will be evaluated during the contest, proficiency in English will not be a limiting factor.
 - Furthermore the language of the contest will remain English during Phase 3

Additional consideration will be given to those teams that have a representative from NAYGN, ANS and WIN

Competition will be conducted in 3 Phases

- Phase 1 – Each team to submit the submission form, a recorded **3 min pitch** and a **maximum 5 page-long “development plan”** evaluated by a panel composed of experts from the nuclear industry.
- Phase 2 – The top teams will be selected to develop a **10 min pitch** and a **maximum 10 page-long “development plan”** which will be presented at the ANS YPC21 Conference.
- Phase 3 - The winning team will be selected and announced at the ANS Winter Conference 2021 and participate in the **international finale I4N** at IYNC 2022 in Sochi, Russia.

Before the announced deadline, contestants will **submit their innovative idea online using the submission form** provided on **www.NAYGN.org**.

I4N-NA Key Dates in 2021



- ◆ Timeline for 2021 Competition
- ▶ Competition Launch: Launch on June 17 / Brainstorming Session in July
- ▶ Presentation Dates: Phase 1: September 17th
Phase 2: November 12th
- ▶ Winners Announced: December 4th

I4N-NA – Competition Evaluation Criteria

Any innovative idea aligned with the purpose of the contest can be submitted. It can be either a Technical or Societal idea. It will be evaluated based on these 5 criteria :

- **Description of the idea (/6)** : Clarity, Thoughtful use of illustrations or videos
- **Innovation contribution (/4)** : Forward Thinking, Creativeness, Resolution of current problems and limitations
- **Applicability of idea (/6)** : Possibility of bringing the idea to effective action by using various resources in an undefined time scale, Business plan proposal, Individuation of possible stakeholder interests, Depth of research, Quality of arguments and analyses
- **Contribution to sustainability (/4)**: Contribution to the sustainable goals : <http://www.un.org/sustainabledevelopment/sustainable-developmentgoals>
- **Bonus points (/3)** : Team members have representation from NAYGN, ANS and WIN

Sample I4N IDEAS

Small Modular Reactors <i>Technical</i>	Energy Transition: The Role of Nuclear <i>Societal</i>	Radioactive Waste: Closing the Circle <i>Technical</i>	Breakthrough in Nuclear Fuel & Materials <i>Technical</i>
What advances are making them closer to real deployment?	Can policy and regulations pave the way forward for nuclear?	How should we deal with our nuclear heritage?	How are materials being developed for upcoming designs?