NUCLEAR INNOVATION INSTITUTE

PROJECT APPLICATION

DATE		
PROJECT NAME		
PROJECT SPONSOR		
PROJECT LEAD	Name	
	Cell #	Email

QUESTION 1	**Describe your idea and clearly show how it is innovative for one (or more) of NII's three areas of focus.** - *The challenge, the motivation, the objectives.* - *What's the current state-of-the-art in this area?* - *How does it push the current boundaries in the industry or field?* - *What is the degree of difficulty in implementing the solution in the real world?* - *What is the project's level of development (feasibility study, minimum viable product/prototype, ready to move into production or commercialization)?* - *What are the deliverables? (feasibility study; proof of concept; demonstration; modeling; implementation; development of new technology; application of a new technology outside nuclear; etc…)*

QUESTION 2	**Describe how this project would benefit the nuclear industry or the field in which it applies (environmental sustainability, nuclear medicine, etc…).** - *How will the project save costs?* - *How does it improve the nuclear process or field in which it applies?* - *Does it give the Canadian nuclear industry a global advantage?* - *What is the business case or expected economic benefit?* - *Does it open a new market opportunity?* - *Could it lead to a spin-off company or division?* - *Does the project offer potential social benefits (safety, environmental, health, new skills for workers)?* - *Does it improve the skills and capabilities of the workforce?* - *Is it scalable or does it serve as a model for the rest of the industry?* - *Does it improve the supply chain?*

QUESTION 3	**What is the likelihood that the solution/technology/process can be implemented in the real world?** - *How will the hypothesis/technology/process solution be tested?* - *What are the obstacles to adoption?* - *Are they surmountable and how?* - *Can it be applied within the existing regulatory framework?* - *How do you plan to mitigate risks against adoption and scale up?*

QUESTION 4	**Has this solution or something similar been tried/implemented elsewhere in the world?** - *Is it net new to the industry?* - *To Canada?* - *To your company?* - *Does the project apply technologies already in use in the industry or would it introduce new technologies to nuclear?* - *Why is this technology/process/solution better than other, existing ones?*

QUESTION 5	**What are the project's anticipated costs?**
	
	- *Breakdown the project cost by estimated spending on:*
	  • *Labour*
	  • *Technology*
	  • *Software*
	  • *Machinery and equipment*
	  • *Licensing*
	- *Will the project use subcontractors?*
	- *Does the project require external funding?*
	- *Is there an investment opportunity?*

QUESTION 6	**Describe the make-up of the innovation team.** - *List all project participants, their role, and identify any gaps in capabilities (skills, software, technologies, assets, etc…) that need to be filled from outside the participant group.* - *Who will manage the project?* - *What is the innovation team's experience (previous projects in similar areas, years of experience, etc…)?* - *Do the partners have the ability, skills and experience to manage the project themselves?* - *Do the partners already have a breakdown of roles and responsibilities of participants?* - *What additional skills does the project team require?* - *What additional assets does the project team require?*

QUESTION 7	How long is the project expected to last and identify the major milestones?

QUESTION 8	How will the outcomes be measured for success?

Applications can include an additional two (2) pages of charts, graphs or images if desired.