

Donor country Canada			
Project/programme title Development of next generation of nuclear power reactors			
Purpose R&D collaboration to accelerate development of the next generation of nuclear power reactors			
Recipient country Partners include Canada, U.S., France, EU, Switzerland, China, Korea, Japan, South Africa	Sector Energy (nuclear power)	Total funding \$4,800,000	Years in operation
Description The Generation IV International Forum is a multi-lateral organization for R&D to develop the next generation of sustainable nuclear energy systems for commercialization in the 2025-2030 timeframe. All leading nuclear nations participate including: U.S., France, Japan and the EU. 20 Canadian universities are also involved and have leveraged additional funding.			
Indicate factors that led to project's success This project is not yet completed. Through cooperation, the participating countries are looking to share costs and accelerate the timelines of the R&D so that secure and sustainable nuclear technologies will be available sooner.			
Technology transferred Next generation nuclear energy systems, specifically, the Supercritical Water-Cooled Reactor (SCWR) and the Very-high Temperature Reactor (VHTR). New reactors are hoped for post 2030.			
Impact on greenhouse gas emissions/sinks			