

Canadian Nuclear Society / Société Nucléaire Canadienne

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*“Supporting nuclear science and technology for over 25 years”
“plus de 25 ans de promotion de la science et de la technologie nucléaires”*

Generation IV Reactor Technology

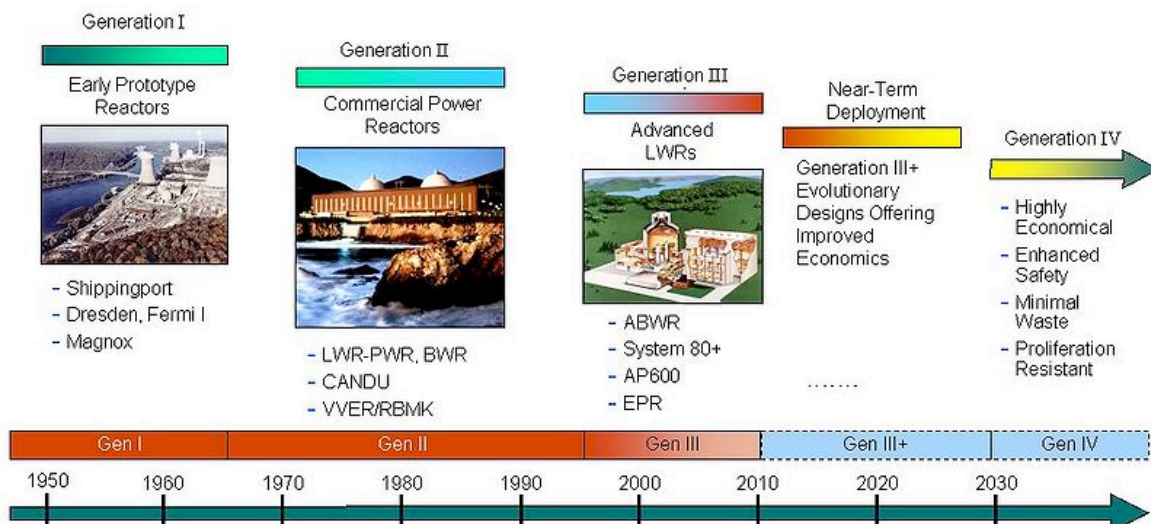
On February 28th, 2005 Canada signed the Generation IV International Forum (GIF) Framework Agreement (treaty) to pursue collaborative large-scale, research initiatives focused on the six systems endorsed by GIF. Currently, 9 countries have signed the Framework Agreement. Canada is participating in two systems: the Super Critical Water-cooled Reactor (SCWR) and the Very High Temperature Reactor (VHTR). Canada's main focus is on the development of the SCWR which is viewed as a natural evolution of CANDU systems. Canadian VHTR efforts are focused on research and development that are synergistic with the SCWR.

To fulfil Canada's obligations under the Framework Agreement, Natural Resources Canada (NRCan) created the Gen IV National Program to bring together government, industry and universities from across the country to participate in R&D in support of this multi-lateral development of advanced nuclear-based systems.

Mr. Daniel Brady, Acting Program Director of the Natural Resources Canada

Generation IV National Program, will present an overview of the GIF, Canada's national program, and research being undertaken in Canada to support our treaty obligations. Mr. Brady is Canada's alternate representative on the international Supercritical Water-Cooled Reactor System Steering Committee. Daniel joined Natural Resources Canada in 2005 as program manager for a climate change technology and innovation program. He joined the Gen IV program in 2006 to help further establish and develop Canada's Gen IV National Program. When joining Natural Resources Canada, Daniel brought with him 14 years of industry experience in product research and development and thermal power station experience. He will make his presentation in the **Bennett/Mackenzie Room of the J.L. Gray Centre at 7:30 p.m. on Thursday, Dec. 03.** Members of the public are welcome.

Generation IV: Nuclear Energy Systems Deployable no later than 2030 and offering significant advances in sustainability, safety and reliability, and economics



Further information: Ragnar Dworschak at 584-8811 Ext. 44342, or Geoff Edwards at Ext. 43247