

canarie

Canada's Advanced Research and Innovation Network
Le réseau évolué de recherche et d'innovation du Canada



FOR IMMEDIATE RELEASE
FINAL December 21

CANARIE INVITES PROPOSALS TO LEVERAGE NETWORK ACCESS AND ADVANCE CUTTING-EDGE RESEARCH

CANARIE access links researchers to a global community of peers, high-volume data sets, and sophisticated technologies

[Ottawa, Ontario December 21 2010] Canada's Advanced Research and Innovation Network, (CANARIE), invites proposals from public and private sector research, education and cultural institutions to link to CANARIE's high-speed network through the **Infrastructure Extension Program**.

The **Infrastructure Extension Program** connects researchers and scientists at institutions across the country to the CANARIE Network, enabling them to advance knowledge and apply it to real-world problems. For example, Environment Canada uses the CANARIE Network to transfer multi-gigabyte datasets of numerical weather model output, supporting research and helping to increase the accuracy of operational weather forecasts. Scientists also use CANARIE's high speed network to access Natural Resources Canada's enormous database of earth observation data, dating back to the 1970s, and the ongoing stream of data from satellites and sensors. This knowledge helps scientists monitor changes to Canada's vast natural resources and ensures wise stewardship of our forests, oceans, croplands, and Arctic ecosystems.

"CANARIE provides a vital link between the brightest research minds across Canada and to innovators around the world" said Jim Roche, President and CEO of CANARIE. "The expansion of the network leverages the capabilities of Canada's research and innovation community and sets the stage for the unexpected to happen – and that's when breakthrough discoveries occur."

Federal or provincial government departments, agencies and labs, private sector research labs, health, arts and cultural institutions are eligible to submit a proposal. Applications to the program are due to CANARIE on January 21, 2011.

The **Infrastructure Extension Program** has been a critical driving force increasing access to CANARIE among the research, innovation and education communities in Canada and further cements the reputation of Canada as a nation supportive of leading-edge, world-class research and discovery. A third call for proposals under the **Infrastructure Extension Program** announced in August 2010 resulted in five organizations being selected to connect with the network, and these organizations will be announced in 2011.

More information on CANARIE's **Infrastructure Extension Program**, including the application process and the application form may be found at <http://www.canarie.ca/en/extension-program/callforproposal>.

-30-

For more information, please contact:

Kathryn Anthonisen
Director of Communications
CANARIE
(613) 943-5374
Kathryn.anthonisen@canarie.ca

About CANARIE:

CANARIE Inc. is Canada's Advanced Research and Innovation Network. Established in 1993, CANARIE manages an ultra high-speed network which facilitates leading-edge research and big science across Canada and around the world. More than 40,000 researchers at over 225 Canadian universities and colleges use the CANARIE Network, as well as researchers at institutes, hospitals, and government laboratories throughout the country. Together with 12 provincial and territorial advanced network partners, CANARIE enables researchers to share and analyze massive amounts of data, like climate models, satellite images, and DNA sequences that can lead to groundbreaking scientific discoveries. CANARIE is a non-profit corporation supported by membership fees, with the major investment in its programs and activities provided by the Government of Canada.

CANARIE keeps Canada at the forefront of digital research and innovation, fundamental to a vibrant digital economy. For additional information, please visit: www.canarie.ca.

Find us on Facebook and LinkedIn by searching for CANARIE Inc.
On Twitter, search for CANARIE_Inc.