

## **Department of National Defence - IDEaS - Call for Proposals and Competitive Projects**

Updated Information

### **The following updates have been made:**

The deadline to apply to the following Competitive Projects has been extended to **Tuesday, October 5, 2021**.

The Department of National Defence (DND) is hoping for more applications to help find the best technology to solve its newest challenges covering a wide scope of DND/CAF needs from real-time surveillance, rotary blade maintenance, antennas, and greenhouse gas reduction:

- [Worth a thousand sources: A fused picture for continental surveillance](#) [1]
- [We Sea You: Digital tracking and accounting on navy vessels](#) [2]
- [Erosion from Motion: Reducing wear and tear on rotary blades](#) [3]
- [Wireless is where it's at: Secure and Seamless Wireless Network Onboard Ships](#) [4]
- [High Bandwidth, Low Profile: Next generation point-to-point communication solutions for the field](#) [5]
- [Less GHGs on the Seas: Practical solutions to measure and record energy consumption](#) [6]

### **Sponsor**

Government of Canada - Department of National Defence

### **Program**

Innovation for Defense Excellence and Security (IDEaS)

### **For More Information**

Please consult the [IDEaS website](#) [7].

### **Description**

New Call for Proposals (CFP) from Test Drives and Competitive Projects are on the way. The Green Heat: Low Carbon Energy Generation for Heating Existing Buildings Test Drive will be issuing its call for proposals soon. You can see the Green Heat [Advance Procurement Notice](#)

[8] now to prepare for the call.

Six new challenges under Competitive Projects will also be released in the coming weeks. Here's a sneak peek:

- Worth a thousand sources: A fused picture for continental surveillance
- We Sea You: Digital tracking and accounting on navy vessels
- Erosion from Motion: Reducing wear and tear on rotary blades
- Wireless is where it's at: Secure and Seamless Wireless Network Onboard Ships
- High Bandwidth, Low Profile: Next generation point-to-point communication solutions for the field
- Less GHGs on the Seas: Practical solutions to measure and record energy consumption

## Special Notes

Please note that research activities carried out in the context of COVID-19 need to adhere to the University of Guelph COVID-19 research principles, policies, guidelines and processes as they may be updated from time to time and communicated on the [Office of Research web-page](#) [9].

For Questions, please contact

You can subscribe to the [IDEaS mailing list](#) [10] to receive emails as new Calls for Proposals are issued, and for ongoing updates.

Alert Classifications **Category:**

Funding Opportunities and Sponsor News

### Disciplines:

Health and Life Sciences

Information and Communications Technology

Physical Sciences and Engineering

Social Sciences

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### Source

URL: <https://www.uoguelph.ca/research/alerts/content/department-national-defence-ideas-call-proposals-and-competitive-projects>

### Links

[1] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/worth-a-thousand-sources-a-fused-picture-for-continental-surveillance.html>

[2] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/we-sea-you-digital-tracking-and-accounting-on-navy-vessels.html>

[3] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/erosion-from-motion-reducing-wear-and-tear-on-rotary-blade.html>

[4] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/wireless-is-where-its-at-secure-and-seamless-wireless-network-onboard-ships.html>

[5] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/high-bandwidth-low-profile-next-generation-point-to-point-communication-solutions-for-the-field.html>

[6] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/element/competitive-projects/challenges/less-ghgs-on-the-seas-practical-solutions-to-measure-and-record-energy-consumption.html>

[7] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas.html>

[8] <https://www.merx.com/dcc/solicitations/open-bids/APN-IDEaS-Test-Drive-Green-Heat-Low-Carbon-Energy-Generation-for-Heating/0000190341?language=EN>

[9] <https://www.uoguelph.ca/research/>

[10] <https://www.canada.ca/en/department-national-defence/programs/defence-ideas/subscribe.html>