

## Research Themes

In order to achieve its objectives, GARDN will focus on seven research themes: Source Noise Reduction, Source Emissions Reduction, Materials / Manufacturing, Airport Operations, Aircraft Operations, Alternative Fuels, Lifecycle Management.

Within these themes, nine research projects are in the start-up phase, led by Pratt & Whitney Canada (5), Bombardier Aerospace (3) and CMC Electronics (1). Other projects will be launched in the upcoming months.



### MISSION

GARDN is a newly established Business-Led Network of Centers of Excellence, with an initial budget of \$22M over four years (2009-2013).

Its mission is to promote the protection of the environment. GARDN's activities are in support of the competitive excellence of Canadian aeronautical products and services, the economic success of the member companies and the development and training of highly qualified personnel in the aerospace environmental field.

## Contact Us

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## Green Aviation Research & Development Network



[www.gardn.org](http://www.gardn.org)

# Facts about GARDN...

- The 9 first research projects were approved on September 14 2009
- The projects bring together: 11 Canadian universities, 3 major industrial leaders (CMC, Bombardier, Pratt & Whitney Canada), 7 SMEs, the NRC and 1 foreign university
- \$22 million budget



## Structure

On GARDN's executive board :

- Dr. Claude Lajeunesse, Chairman of the Board (AIAC)
- Dr. Hany Moustapha, (Pratt & Whitney Canada)
- Dr. Fassi Kafyeke, (Bombardier Aéronautique)
- Dr. André Bazergui, (CRIAQ)
- Mr. Sylvain Cofsky, Network manager

## Partners

The industrial leaders of the GARDN are three major players in the Canadian aerospace industry: Pratt & Whitney Canada, Bombardier Aerospace and CMC Electronics. They are joined by eleven top Canadian universities (ETS, McGill, Poly, Concordia, Waterloo, Ryerson, Western, Calgary, Carleton, Ottawa and UTIAS) as well as seven well-established SMEs (Messier-Dowty, Aercoustics, Integrant, Infotech, Exova, VacAero and Standard Aero). The participation of AIAC and CRIAQ benefits the overall management of the network.

GARDN will champion synergies with other Canadian environmental initiatives in the Aerospace industry, such as SDTC, CRIAQ, FMP, etc, as well as international activities in ICAO, EU (CleanSky), NATO, etc.

