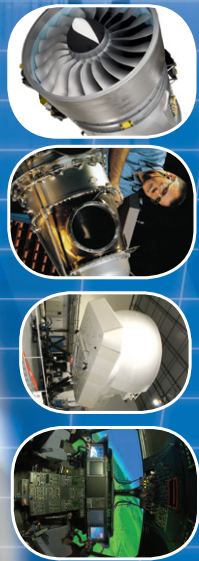




Consortium for Research and Innovation in Aerospace in Québec



CRIAQ – 10th Anniversary in 2012

CRIAQ is a unique model for collaborative industry led research, involving industry, universities and research centres.

- Light networked structure;
- Fostering innovation through a number of networking mechanisms between industries, universities and research centres;
- More than a thousand researchers and specialists involved;
- Active in national and international scenes.

Québec and Canadian Aerospace Industry at a Glance

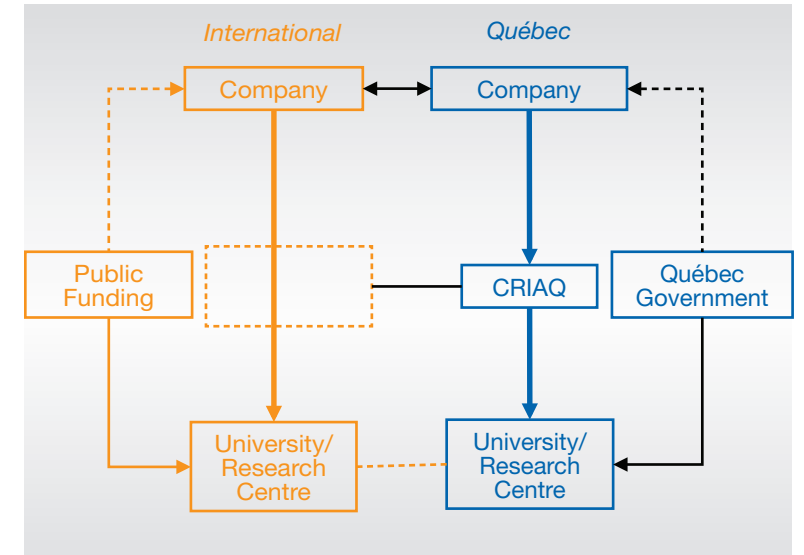
- ▶ 226 companies, 39,500 employees and annual sales of 10.9 billion dollars in Québec;
- ▶ Québec aerospace industry is the seventh in the world, behind the USA, France, Germany, UK, Italy and Japan;
- ▶ Québec accounts for 55% of employment in the Canadian aerospace industry and Greater Montreal harbours 98% of Québec's aerospace activity;
- ▶ Prime contractors and original equipment manufacturers account for 90% of sales and almost 75% of total employment;
- ▶ 70% of Canadian aerospace R&D takes place in Québec;
- ▶ 80% of the Québec production is exported.

Source: MDEIE

Research Themes

- DPHM** Diagnostics, Prognostics, Health Monitoring and Non-Destructive Testing
7 projects
- MDO** Modeling, Simulation, Optimization and System Integration
17 projects
- ENV** Life cycle Analysis, Security and Icing
13 projects
- ACOU** Vibro-Acoustics and Noise Control
6 projects
- LEAN** Supply Chain Optimization and Lean
5 projects
- INTD** Interior Design
2 projects
- COMP** Composites
24 projects
- AVIO** Avionics and Control
18 projects
- PLM** Product Development
3 projects
- MANU** Manufacturing
27 projects
- AUT** Autonomous Systems
New

International Model



International Missions and Projects

Country	Since	Mission	Projects
Japan	2009	√	
Singapour	2009	√	
China	2008	√	1
Mexico	2008	√	
USA	2008	√	
Poland	2008	√	
Germany	2008	√	1
UK	2007	√	
India	2006	√	11
Italy	2005	√	2
Belgium	2005	√	
France	2004	√	1

Partners



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Industries



Universities and Research Centres



Associates

