WELCOME

Hangar of the Future Information Webinar







Aerospace & Aviation at Centennial: A Long History

 Centennial College holds an excellent track record in the aerospace and aviation sector

 We've been teaching our School of Transportation & Aviation programs for 50+ years

 Our excellence and experience in this field is what empowers us to apply for this TAC

 ARIES (Applied Research, Innovation and Entrepreneurship Services) is an established research department placing Centennial amongst Canada's top research colleges



Hangar of the Future: What's in it for you?

Centennial College is applying for a Technology Access Centre to transform aircraft MRO and equip the industry for the future.



Reduce costs and increase efficiencies



Address your labour shortages



Get ready for the next generation of aviation technologies





A specialized centre of expertise advancing applied research and innovation



They address **timely innovation** challenges by leveraging a college's expertise, technology and equipment and providing them to industry organizations.



NSERC TAC grants provide funding for the core operations, up to \$350K/year for 5 years



Centennial invited by NSERC to apply for funding after initial down-selection

Hangar of the Future: Ontario's first aerospace-specific TAC

- Currently only 2 aerospace-specific
 TACs in Canada Manitoba & Quebec
- Aerospace has a rich heritage in Ontario hosting many of the world's top aerospace companies



The aerospace industry is **lagging behind** in today's world of rapid technology development



Labour shortage in need of recruitment, training, upskilling



Post-pandemic recovery: profitability challenges



No easy access for aerospace industry to innovation

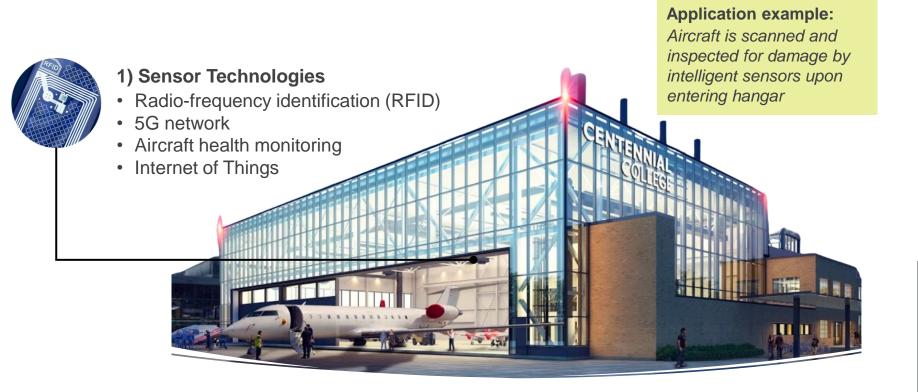


Ontario's aerospace industry is significantly **underserved**

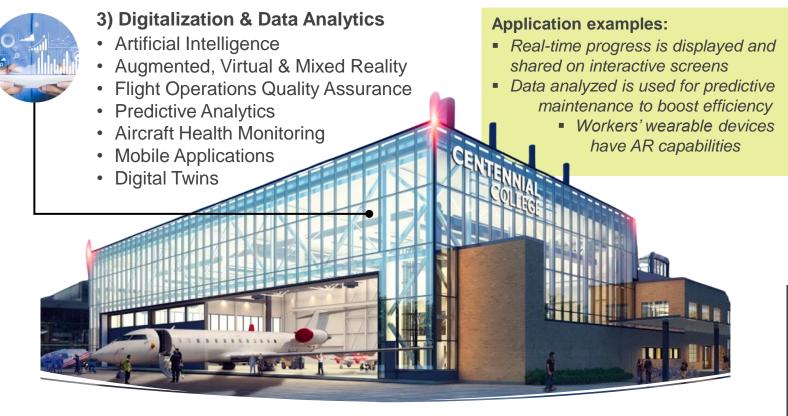


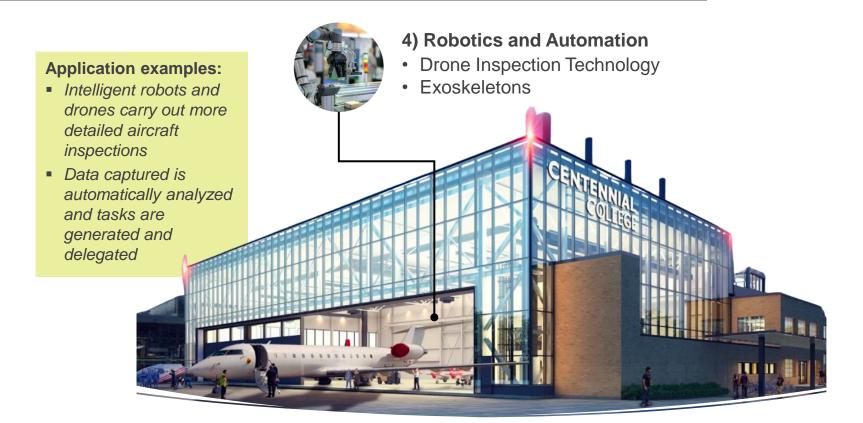
Innovative **SMEs have vital roles** in advancing aerospace technology















Hangar of the Future: Labs & Facilities



Centennial College Schools





Industry
Partners &
Collaborators



Ontario SMEs in Aerospace



MRO Sector and Market



Student and Staff Researchers



We need your help to refine our application!



Your feedback and input

- Today's discussion
- Survey / questionnaire
 - What is important to you for this TAC?
 - What are the industry's innovation priorities?



Your engagement

- Share our questionnaire with other industry connections
- Engage in conversation with others and share their feedback

What's next?

- Dec 2nd, 2022
 Last day to submit your feedback
- Dec 23rd, 2022
 Centennial completes TAC Proposal
 - Summary of proposal sent to industry partners
- Jan 19th, 2023
 Centennial submits full TAC application to NSERC
- March 2023
 NSERC awards grants
- Q3 2023
 Hangar of the Future operational



Questions & Discussion Period We welcome your feedback and input



