

What Implementation for Continuous Capability Sustainment?

Project List

by William Richardson

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POLICY PERSPECTIVE

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Below is the list of projects included in the surveys. Note that the surveys were completed in the Spring and Summer of 2024; therefore, some of the projects outlined below have moved on to the next phase in the procurement process (e.g., A-OTHR for the RCAF)

CA projects

1. Domestic Arctic Mobility Enhancement (DAME). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=938
2. Combined Joint Intelligence Modernization (CJIM). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1004
3. Canadian Modular Assault Rifle (CMAR). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1696
4. C6 General Purpose Machine Gun (C6 GPMG) Modernization. Project web page: N/A
5. Canadian Forces Land Electronic Warfare Modernization (CFLEWM). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1041
6. Light Armoured Vehicle III Upgrade (LAV 6.0). Project web page: N/A
7. LAV Recce Surveillance System (LRSS). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1748
8. Armoured Combat Support Vehicle (ACSV). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1013
9. LAV Specialist Variant Enhancements (LAV SVE). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1682
10. Tank Life Extension (TLE). Project web page: N/A
11. Live Fire Monitoring Equipment (LFME). Project web page: N/A
12. Enhanced Recovery Capability (ERC). Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1007
13. Integrated Training and Experimentation Network (ITEN). Project web page: N/A

RCAF projects

1. Airborne Early Warning and Control (AEWC).Project web page: N/A
2. Air Navigation Aid Systems Replacement (AirNAS). Project web page: N/A
3. Worldwide Satellite Communications (WSC). Project web page: N/A
4. Polar Over-the-horizon Radar (P-OTHR). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=2307
5. RCAF Air Weapons Control Coverage Expansion Project (RACE). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1943
6. Next Tactical Aviation Capability (NTAC). Project web page: N/A
7. Long Range Air to Air Missile (LRAAM). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1350
8. Instrument Landing System (ILS). In Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1832
9. Utility Transport Aircraft (UTA). In Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=979
10. Airlift Capability Project – Multirole Flight Services (ACP – MFS). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=2302
11. Future Combined Aerospace Operations Center Capability (FCC). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1834
12. Operational Training Infrastructure Enterprise Modernization (OTIEM). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1944
13. Artic Over-the-horizon Radar (A-OTHR). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1941
14. Future Fighter Lead In Training (FFLIT). Not yet in Options Analysis. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1621
15. Voice Switch for Air Traffic Control Units (VCS). Project web page: N/A
16. Surveillance of Space 2 (SofS2). In Definition Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1920

17. Future Aircrew Training (FAcT). Project web page: https://www.tpsgc-pwgsc.gc.ca/app-acq/amd-dp/air/snac-nfps/ffpn-fact-eng.html

18. CC130J Block Upgrade (CC130J B8.1). Options Analysis completed. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1784

19. Tactical Integrated Command, Control and Communication Air Project (TIC3Air). In Definition Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1831

20. Maritime Helicopter Project (MHP). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1747

21. Cormorant Mid Life Upgrade Project (CMLU). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1227

22. Fixed Wing Search and Rescue Project (FWSAR). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1721

23. Tactical Control Radar (TCR). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1711

24. Remotely Piloted Aircraft System (RPAS). In Definition Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=977

25. Canadian Multi Mission Aircraft (CMMA). In Options Analysis Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=975

26. Interim Fighter Capability Project (IFCP). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1786

27. Future Fighter Capability Project (FFCP). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=928

28. Tactical Narrowband-SATCOM Project (TNS-GEO). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1694

29. Medium Earth Orbit Search and Rescue (MEOSAR). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=996

30. Griffon Limited Life Extension Project (GLLE). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1228

31. Strategic Tanker Transport Capability (STTC). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1341

RCN Projects

1. Royal Canadian Navy Intelligence, Surveillance, Target Acquisition and Reconnaissance Unmanned Aircraft System (RCN ISTAR). In Definition Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1297
2. Artic and Offshore Patrol Ship Uncrewed Aircraft System (AOPS UAS). Project web page: N/A
3. Joint Support Ship Uncrewed Aircraft System (JSS UAS). Project web page: N/A
4. Canadian Surface Combatant Intelligence, Surveillance, Targeting, and Reconnaissance (CSC ISTAR). Project web page: N/A
5. Remote Minehunting and Disposal System (RMDS). In Implementation Phase. Project web page: https://apps.forces.gc.ca/en/defence-capabilities-blueprint/project-details.asp?id=1642
6. Underwater Environmental Awareness (UEA). Project web page: N/A
7. Maritime Counter-Unmanned Systems (C-UxS) ICARUS Solution. Project web page: N/A
8. Orca Replacement. Project web page: N/A
9. Sea Truck - Short. Project web page: N/A
10. Canadian Multi-Mission Corvette (CMC). Project web page: N/A
11. Sea Truck – Long. Project web page: N/A
12. Naval large tugs (NLT). Construction underway. Project web page: https://www.canada.ca/en/public-services-procurement/services/acquisitions/defence-marine/national-shipbuilding-strategy/projects/small-vessels/naval-large-tugs.html
13. Multi-Role Boat (MRB). Procurement press release: https://www.canada.ca/en/department-national-defence/news/2020/06/government-of-canada-awards-contract-for-new-multi-role-boats.html

About the Author

William "Will" Richardson *is a PhD candidate in Political Science at Carleton University. He specializes in International Relations and Public Policy. His Doctoral thesis will examine the intersection of Five Eyes military cooperation, emerging technologies and defence procurement. Will completed his MA at the Norman Paterson School of International Affairs at Carleton University in 2020. His MA thesis examined Canada's Future Fighter Capability Project and the role of interoperability in Canadian defence policy. Will also works as a Consultant at Space Strategies Consulting Limited, where he prepares research papers, concept papers and oral briefings on advanced aerospace concepts, military doctrine, emerging technologies and the commercial space sector for clients in the public and private sectors. Will has also worked as a political and security desk officer on several geographic desks at Global Affairs Canada, during which time he produced strategic advice, research reports, and briefing documents for use by the Prime Minister, Cabinet Ministers, and senior departmental officials. Will is passionate about history and aviation; and is also a keen cyclist and hiker.*

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