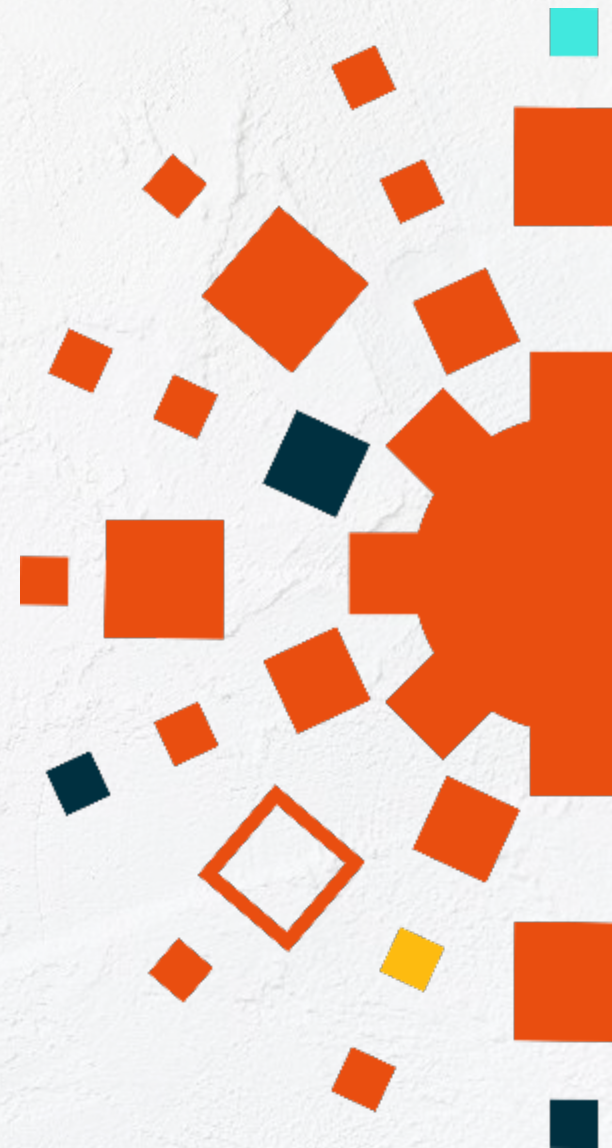




Advanced Manufacturing Technology Program (AMTP)

Email: AMTP@ngen.ca

Website: <https://www.ngen.ca/funding/challenge/advanced-manufacturing-2025>



Agenda

1. Welcome Remarks
2. NGen Introduction
3. AMTP Landing Page
4. AMTP Goals and Overview
5. AMTP Application Process and Timelines
6. Conclusion
7. Q&A



Projects Team



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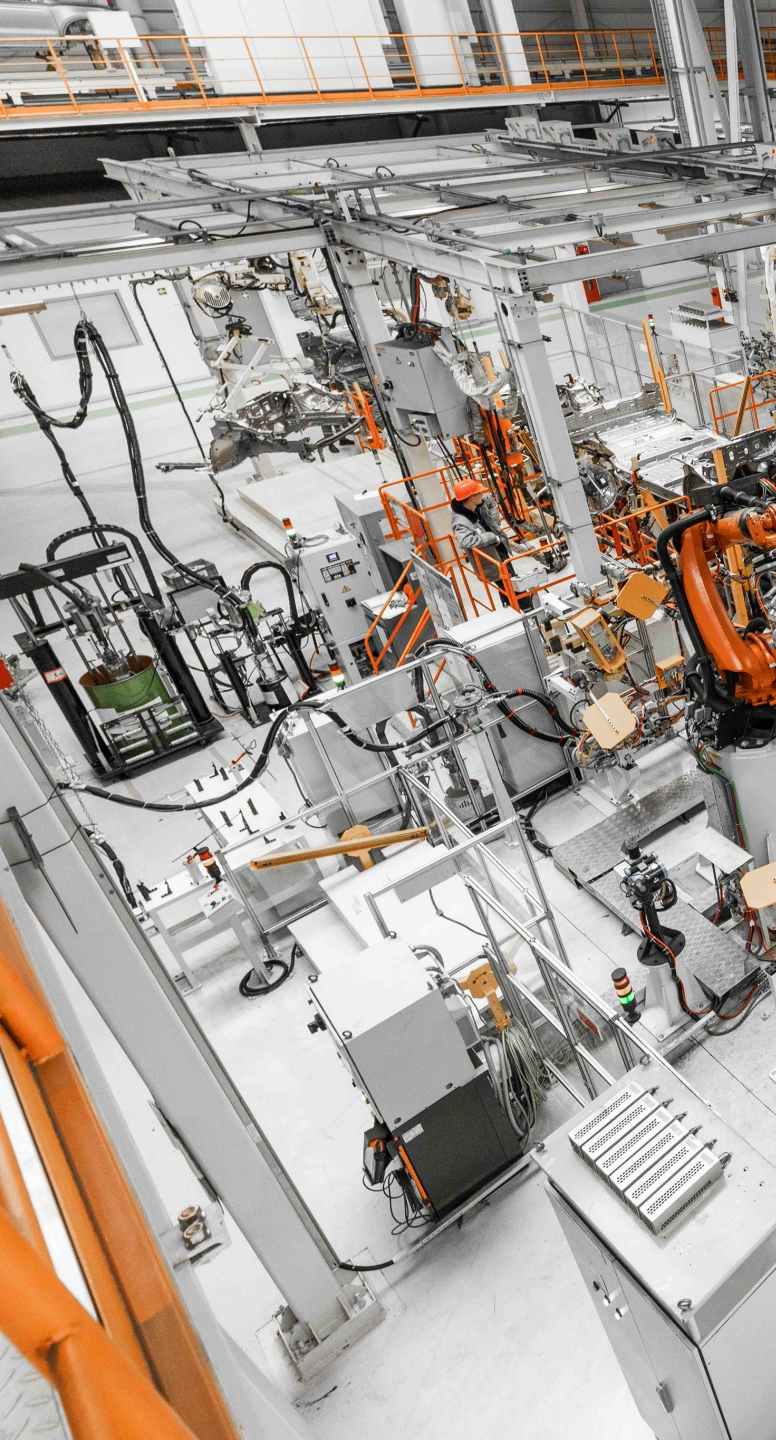
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Next Generation
Manufacturing Canada

An industry-led, not-for-profit corporation leading Canada's Advanced Manufacturing Global Innovation Cluster.

Builds world-leading advanced manufacturing capabilities in Canada by enabling the successful development, scale-up, and deployment of advanced technologies in Canadian manufacturing.



**Promotes
Canadian
Capabilities**



**Makes
Connections**



**Funds
Collaborative
Innovation**



**Supports
Workforce
Development**



**Modernizes
Canada's
Manufacturing
Footprint**

www.ngen.ca

NGen has co-invested over \$570 M in advanced manufacturing innovation

This represents:



- 165 transformative projects across different manufacturing industries.
- Collaboration between 370 industry partners (89% are SMEs)
- \$7.2 billion in sales to date
- 33x Return on Investment
- 117 projects (71%) significant environmental impacts

NGen has 8000+ members from the entire ecosystem for manufacturing, clean tech, and advanced manufacturing technology.

NGen strives to continue to invest and accelerate the growth of Canada's advanced manufacturing sector!

NGen is continuing to invest in...



Advanced Manufacturing Technologies



Clean Technologies



Sustainable Manufacturing



Digital Transformation of the manufacturing sector



Zero Emission Vehicles



Dual-Use projects

Webpage and Resources

NGen | Advanced Manufacturing Technology Program

Challenge Program

Advanced Manufacturing Technology Program

The Global Innovation Cluster for Advanced Manufacturing will co-invest \$35 million of Federal funds along with industry contributions to launch \$87.5 million worth of new, world class innovation projects across Canada.

NGen will support collaborative, business-led projects that are aimed at de-risking, commercialization, and scaling-up innovative manufacturing capabilities in Canada

Background & Guidance Documents

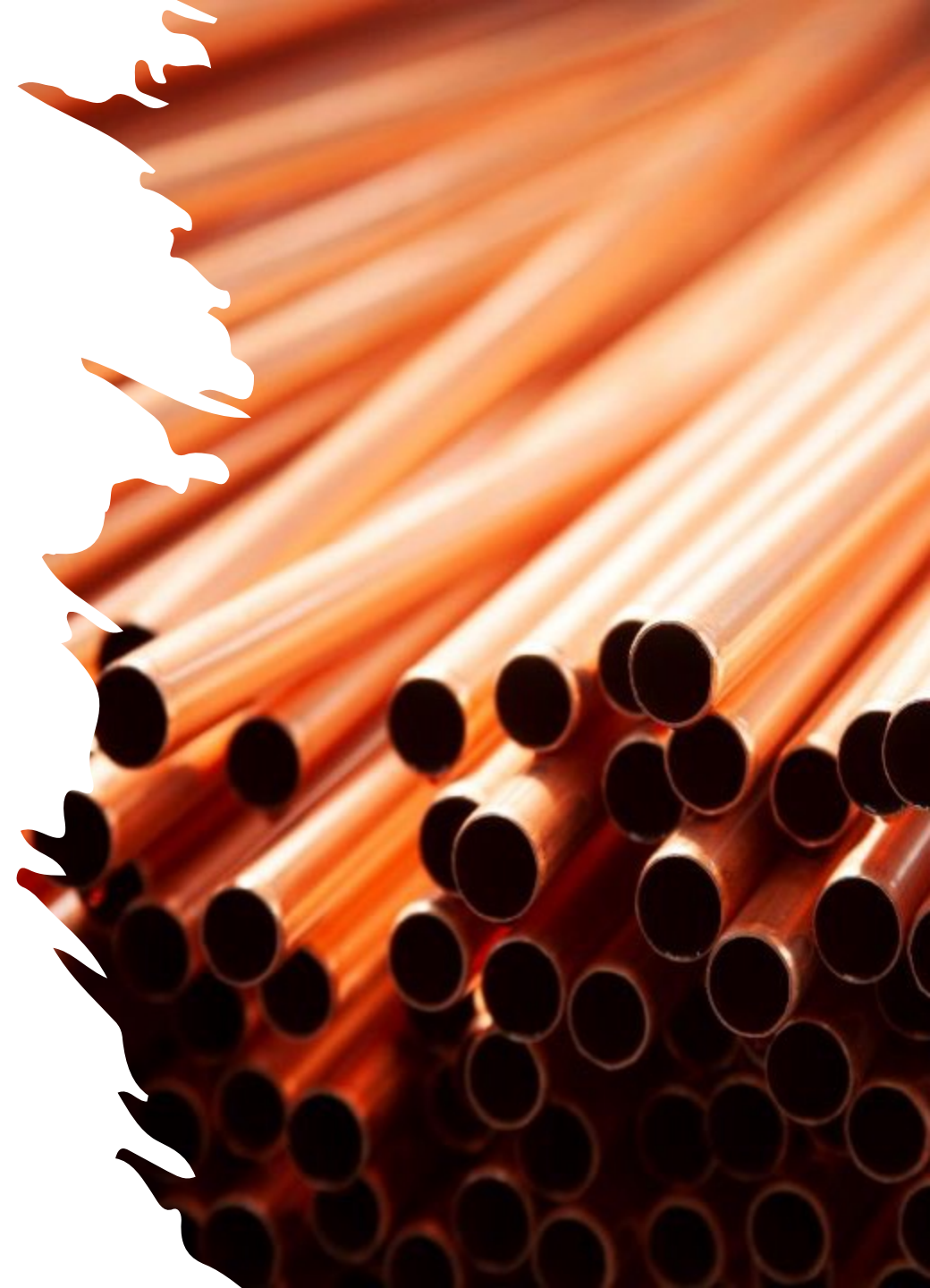
Advanced digital, materials, and production technologies are helping manufacturers respond to and take advantage of shifting market dynamics by improving existing production and business processes, improving productivity, reducing costs and scaling up the production and commercialization of new products and services.

The objective of this Advanced Manufacturing Challenge is to strengthen the competitiveness of Canada's manufacturing sector, drive more innovation and investment in advanced manufacturing technologies in Canada, generate new commercial opportunities for Canadian companies in global markets, grow world-leading Canadian enterprises, and develop a modern and inclusive workforce with the skills to excel in advanced manufacturing.

Application Guide English French	Financial Guide English French (Coming Soon)	IP Guide English French
Member Registration and Login Guide English French	Guide to Submitting a Project for Screening Bilingual	Application Process Presentation English
Financial Due Diligence English French (Coming Soon)	Financial Due Diligence Video Watch	Budgeting Eligibility (Coming Soon)
Budgeting Eligibility Video (Coming Soon)	Claims Brief English French	Claims Brief Video Watch
IP Guidance Presentation English French	IP Guidance Video English French	Collaboration Corner Connect
Application Agreement English French	SME Declaration Form English French	Project IP Tables English French

AMTP - Challenge Goal

- **In this challenge, NGen is targeting an investment of up to \$35 million to drive innovation and strengthen competitiveness of Canada's advanced manufacturing sector.**
- **Projects must aim to de-risk commercializing and transforming manufacturing capabilities using novel world-class technology.**
- **Projects must advance and leverage core enabling technologies where advanced manufacturing capabilities can deliver a global advantage across various sectors.**



AMTP - Projects must meet key criteria:



Transformative

- Involve the development of novel world-class Advanced Manufacturing capabilities with the potential to confer a significant competitive advantage to the Canadian manufacturing industry.



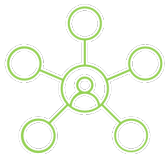
Collaborative

- Demonstrate meaningful collaboration between partners, developing industry relationships, building trust and sharing in knowledge, risk, investment and the resulting benefits.



Applied

- Focus on solutions supporting novel manufacturing technologies with a clear short-to-medium path to commercialization and a potential to generate significant long-term commercial and economic benefits to all partners



Enduring

- Leave a legacy in skills development, tools, testbeds, intellectual property, and/or business knowledge for Canada's advanced manufacturing ecosystem beyond partners and timelines of the project.

AMTP - Projects out of scope:

- Projects that involve minor upgrades, routine maintenance, or standard equipment replacement.
- Replication or direct adoption of off-the-shelf technologies without significant customization, integration or advancement.
- Projects that do not demonstrate a clear advancement in manufacturing capability, productivity, or competitiveness.
- Projects that would be undertaken at the same scale or scope and within the same period without NGen funding.
- Production activities themselves or activities that subsidize full-scale production.
- Projects primarily focused on business model innovation, marketing, sales, or customer engagement strategies.
- Initiatives centered on leadership development or organizational change management without a direct link to transformative manufacturing outcomes.

AMTP - Projects out of scope:

- Projects that are not ready for technology demonstration or integration.
- Projects lacking a clear path to commercialization or real-world manufacturing application within a reasonable timeframe.
- Development of enterprise software, ERP systems, or IT infrastructure.
- Projects focused solely on data management or analytics.
- Proposals that do not include meaningful collaboration between manufacturers and technology providers.
- Projects where benefits accrue to a single firm or organization.
- Project activities that could be viewed as anti-competitive.
- An amount of product development, testing, and validation is allowed within a project as long as it can be demonstrated as being required to support the achievement of the advanced manufacturing goals. No more than 15% of the funding allocation can be related to product development.

If in doubt about the project scope and eligibility of a project idea, the NGen project team is available to provide support throughout the application process at AMTP@ngen.ca

AMTP – Who is eligible to receive funding:

- Be an NGen member. Membership is free at www.ngen.ca/membership
- Have a business registered and value-added presence in Canada (not sales office).
- Funding recipients must be one of the following:
 - For-profit organizations
 - Not-for-profit organizations that facilitate and fund research and development on behalf of the ecosystem and whose funding and/or revenue is received primarily from private-sector or industry organizations
 - Non-federal Crown corporations whose funding is derived from commercial activities
 - Indigenous organizations

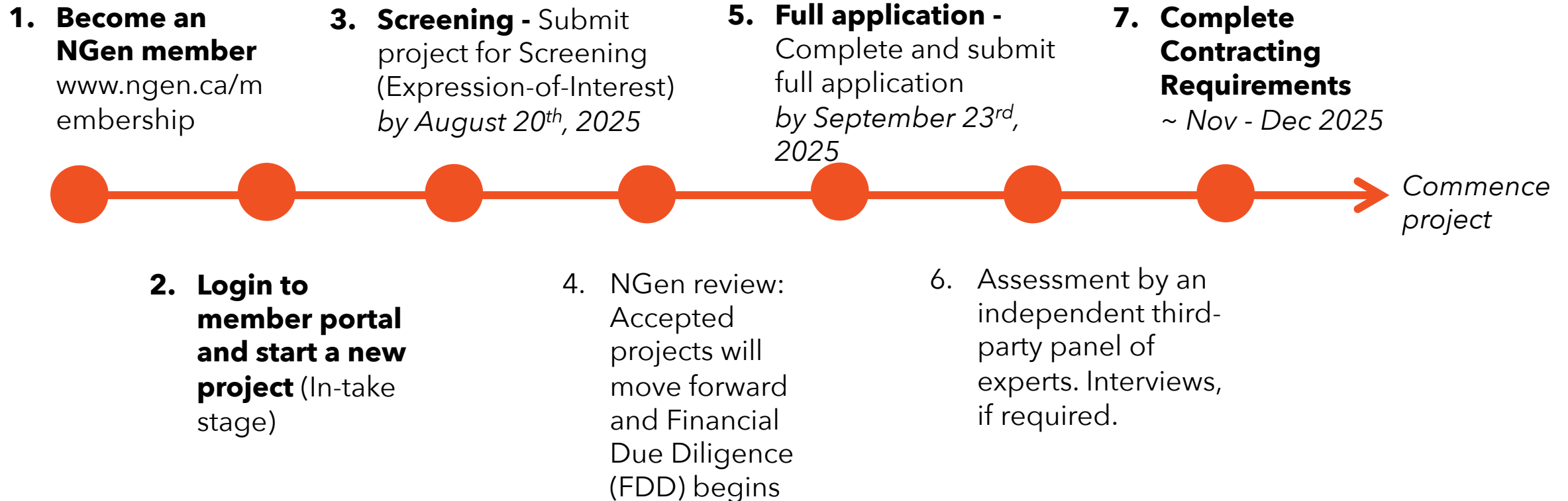
AMTP – Project consortium requirements:

- Include at least two (2) unassociated industry partners – a lead and partner(s)
 - A formal collaborative partner is one that contributes **funding (cash)** and **background IP** to the project, leading to the **development of foreground IP**.
 - Must include **manufacturing** and **technology expertise**.
 - Include **at least one (1) SME** as a partner, with less than 500 employees globally.
 - Encouraged to include **academic and research** partners.

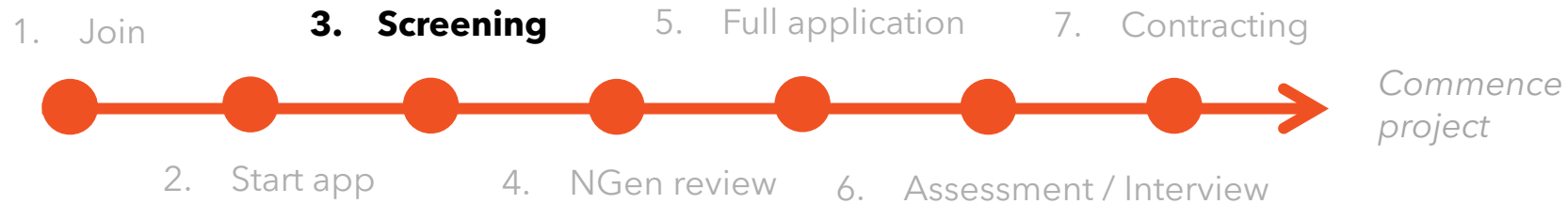
AMTP – Term and requirements:

Eligible Applicants	<ul style="list-style-type: none">▪ For-profit orgs that are incorporated and with value-added presence in Canada▪ Not-for-profit orgs facilitating R&D – funding/revenue primarily from private sector▪ Non-federal Crown corporations whose funding is derived from commercial activities▪ Indigenous organizations
Total Project Value	\$1.5 million - \$8 million CAD
NGen % Reimbursement	40% of total eligible project costs
Allowable Reimbursement	Any one partner cannot receive more than 70% of total NGen reimbursement
Eligible Project Costs	<ul style="list-style-type: none">▪ Labour▪ Subcontractor (up to 30% of total eligible project costs)▪ Equipment (up to 20% for SMEs and 10% for non-SMEs of their total respective eligible project costs)▪ Materials & Supplies▪ Travel and Other Costs (e.g., IP-related costs)
Admin Fee	5% of total project value
Duration	Projects to begin April 1, 2026, and cannot extend beyond January 31, 2028
Stacking Limit	100%

AMTP - Process and key dates:



AMTP - Screening requirements (Aug 20th, 2025):



- Brief description of the project and how it contributes to new and transformative advanced manufacturing capabilities in Canada; and how the project is transformative, collaborative, applied, and enduring.
- Contact information for all partners (1 lead contact & 1 finance contact per partner).
- High-level financial proposal for each partner - Breakdown of cash contribution, funding sought from NGen, in-kind contribution, and other government funding.
- SME Declaration Form
- Signed NGen Application Agreement (i.e., NDA) by all partners.
 - NGen will commence FDD only after this step. FDD will look at the ability of each partner to support their financial commitment to the project by evaluating factors including, but not limited to, Profitability, Liquidity, Leverage/Indebtedness, and Cashflow.

NOTE: NGen highly encourages applicants to submit their projects for screening early, to give ample time to complete the full application (which is most of the work).

AMTP – Screening requirements (Application

- Email contracts@ngen.ca to support electronic signature of the Application Agreement.
- Details for requirements can be found on the cover page of the template: [Instructions](#)



THIS FORM OF APPLICATION AGREEMENT IS FOR REVIEW PURPOSES ONLY.

When you are ready to execute the Application Agreement in the form below, please contact us by email at contracts@ngen.ca with the following information for each Applicant:

1. Full legal name of each Applicant;
2. Jurisdiction of Incorporation of each Applicant (i.e. Canada, Province, Territory of incorporation);
3. Address for each Applicant; and
4. Full name and email address for the Authorized Signatory of each Applicant.
5. Full name, email address and phone number of Financial Due Diligence (FDD) Primary Contact

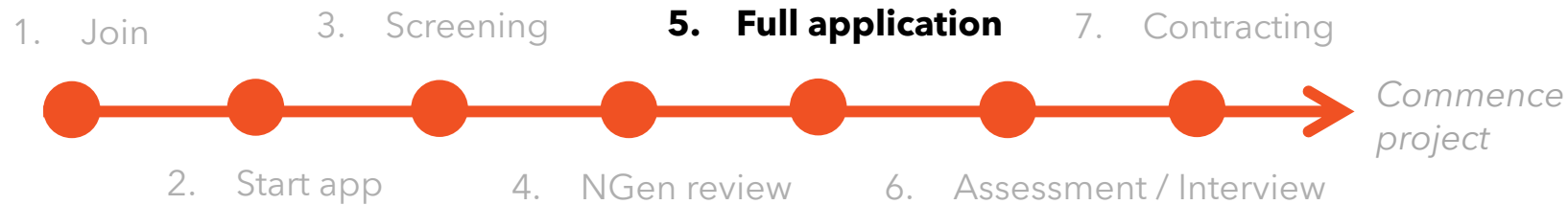
Once we have received ALL of the above information, we will circulate the Application Agreement to the Applicants for signature via DocuSign.

If you have any questions or concerns, please contact us at contracts@ngen.ca.

Thank you very much.

[Note: This document is also available in French on the NGen website.]

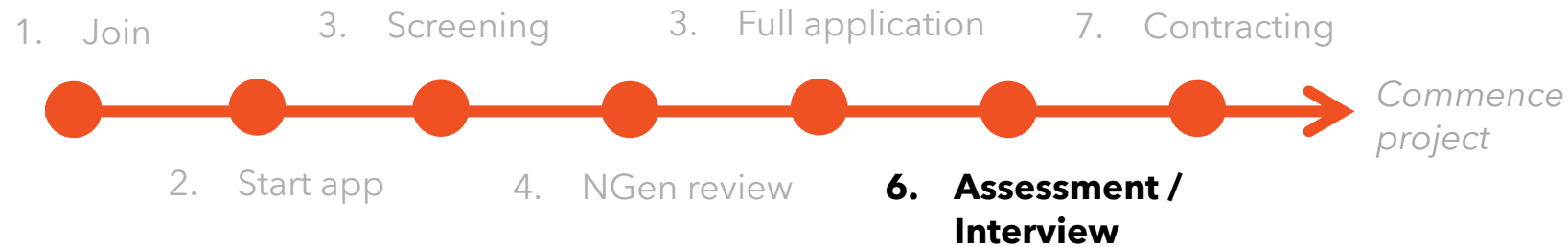
AMTP - Full application requirements (Sep 23rd, 2025):



- Responses to ten (10) application questions (7,000-character max per question)
- Three (3) appendices:
 - Appendix one (1): Project plan (i.e., Gantt chart) - (XLS, MSP, PDF)
 - Appendix two (2): Risk Register - (XLS)
 - Appendix three (3): Intellectual Property Tables - (DOC) *Template available on the webpage*
- Milestone register
- Jobs, economic impacts, and academic institution engagement details
- Financial workbook filled out on the application portal (one per partner)

NOTE: NGen highly encourages applicants to submit their draft application early so you can ask for review and feedback by NGen staff.

AMTP – Assessment process:



- Up to five (5) independent third-party panel of experts will review each application.
- The two key gateways Assessors will look for:
 - Is the project in Scope, in context of this program's objectives and goals?
 - Would they recommend the project for funding?
- NGen's Assessors are chosen from diverse professional backgrounds and expertise, and can include industry executives, technical experts, consultants, and academia.
- At NGen's discretion, select projects may be invited for a brief interview with the Assessment panel should further clarity be required on an Application.
- Projects will be notified if they are recommended for funding after Assessment and enter into a Contracting phase with NGen.
- Detailed Assessment feedback will be provided to each project, regardless of Assessment outcome.



Project Development Support

- Are you unsure if your project idea is in scope?
- Do you need collaborative project partners?
- Do you need advice on how to improve the IP aspects?
- Do you need help connecting with other funding sources?
- Other questions?

Email us at AMTP@ngen.ca

Official Guides, Resources, and Templates

<https://www.ngen.ca/funding/challenge/advanced-manufacturing-2025>

