

# Investment-Ready Project Submission Form

*Coordinated Identification of Investment-Ready Projects for Global Capital Attraction*

The Government of Canada has set an ambitious objective to catalyze \$1 trillion in total investment in Canada over the next five years, with \$500 billion from the private sector. To support this, Invest in Canada is developing an Investment-Ready Assets and Project Pipeline — a credible and consolidated portfolio of large-scale projects to present to global investors.

Federal departments and provincial and territorial partners are asked to complete this form to identify and assess projects within their networks.

## Priority sectors include:

- Energy (including clean and conventional)
- Infrastructure (ports, airports, etc.)
- Critical minerals
- New Technology/Artificial Intelligence

## Projects of interest should ideally demonstrate:

- Minimum capital requirement of approximately \$200 million
- Advanced stage of development, including key milestones achieved
- A clear path to Final Investment Decision (FID)
- Demonstrated financial viability and planning
- Visibility on supply chains and offtake arrangements
- Meaningful regulatory progress, with realistic timelines
- Strong management teams and governance structures

## GENERAL INFORMATION

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| <b>Project Proponent</b><br><i>Full legal name of the company</i>                        | Li-FT Power Ltd.                                                                                                                                                                                                 |
| <b>Headquarters Location</b><br><i>City, Province/Territory</i>                          | Vancouver, British Columbia                                                                                                                                                                                      |
| <b>Primary Sector</b>                                                                    | Natural Resources                                                                                                                                                                                                |
| <b>Secondary Sector (if applicable)</b><br><i>Describe secondary sector of focus</i>     | Critical Minerals                                                                                                                                                                                                |
| <b>Company Profile</b><br><i>1-2 sentence overview of the company<br/>(max 50 words)</i> | A Canadian Critical Minerals exploration and development company, unlocking hard-rock lithium potential in Canada through the development of upstream extraction projects and midstream processing capabilities. |

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| <b>Established In</b><br><i>Year (e.g. 2005)</i>          | 2021 |
| <b>Number of Employees</b><br><i>Full-time equivalent</i> | ~20  |
| <b>Annual Revenue</b><br><i>e.g. \$50M CAD</i>            | N/A  |

## PROJECT INFORMATION

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| <b>Project Name</b><br><i>Official project name</i>                                               | Yellowknife Lithium Project and Lithium Carbonate Conversion Facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Project Site</b><br><i>Municipality, Province/Territory</i>                                    | Yellowknife, Northwest Territories and the Alberta Industrial Heartland                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Project Stage</b>                                                                              | Conceptual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>High-Level Description</b><br><i>Provide a concise overview of the project (max 250 words)</i> | <p>The Yellowknife Lithium Project is comprised of mineral leases that cover the majority of the lithium pegmatites that make up the Yellowknife Pegmatite Province. Numerous spodumene-bearing pegmatites with strike lengths up to 1,800 m and widths up to 30 m outcrop within the Project are prominent enough to be easily visible from satellite imagery. An initial MRE of 50.4Mt of inferred resource at 1.0% Li<sub>2</sub>O was released in October of 2024. A PEA is under development with a target release of Q1 2027. Baseline data collection began in 2023 in preparation for Environmental Assessment. Li-FT is also advancing the development 30,000 t/a lithium carbonate conversion facility in Alberta's Industrial Heartland that would transform spodumene ore from the YLP (and/or other ore sources) into lithium carbonate. Li-FT has partnered with SCT, which has designed the vast majority of lithium carbonate conversion facilities globally (60+ facilities that account for 650,000 tpa of production). Together, the YLP and AB conversion facility will provide an integrated critical minerals supply chain, from</p> |

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|                                                                                                                                                       | mine to battery grade lithium carbonate production in western and northern Canada.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Benefits / Alignment with Government Priorities</b><br><i>Describe alignment with policies, incentives, or national strategies (max 250 words)</i> | <p>Li-FT Power's Yellowknife Lithium Project (YLP) and proposed lithium carbonate conversion facility are strongly aligned with the Government of Canada's Critical Minerals Strategy, economic security priorities, industrial decarbonization objectives, and efforts to establish a resilient North American battery supply chain. YLP represents one of Canada's largest emerging hard rock lithium resources. The project is strategically located near existing infrastructure and transportation corridors in the NT. The YLP supports federal priorities related to northern economic development, Arctic security and sovereignty, and the development of secure domestic supply chains by strengthening long-term industrial presence, strategic infrastructure, and capacity development in the North. The project also aligns with government priorities focused on meaningful Indigenous participation in the critical minerals economy through employment, procurement, collaboration, and long-term partnership opportunities. Li-FT has advanced extensive environmental and social baseline studies, significant Indigenous engagement and partnership initiatives, and permitting activities to support a responsible and efficient pathway toward development. The associated lithium carbonate conversion facility in Alberta's Industrial Heartland further strengthens alignment with federal and provincial priorities by advancing domestic midstream lithium processing capacity within Canada. Developing Canadian spodumene conversion capability addresses a critical gap in North America's lithium value chain, reduces reliance on foreign refining capacity, and supports broader policy objectives related to energy security, industrial competitiveness, and domestic manufacturing. Together, the projects support Canada's efforts to build</p> |

secure, end-to-end critical mineral supply chains and position Canada as a globally competitive supplier of responsibly produced battery materials.

## TIMELINE OF EXECUTION

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| <b>Phase 1</b><br><i>Description, start date – end date</i>                       | YLP: Economic Studies (PEA). 2026 – 2027. Conversion Facility: Scoping Study (2026).                                                                                    |
| <b>Phase 2</b><br><i>Description, start date – end date</i>                       | YLP: Economic Studies (PFS, FS), finalize Environmental Baseline Studies, continued Engagement. 2027 – 2028. Conversion Facility: Economic Studies (PFS, FS) 2027-2028. |
| <b>Phase 3 (if applicable)</b><br><i>Description, start date – end date</i>       | YLP: Environmental Assessment and Permitting: 2028 – 2031. Conversion Facility: Permitting (2029), Construction 2030.                                                   |
| <b>Final Investment Decision (FID) Date</b><br><i>Expected date (Month, Year)</i> | December 2030                                                                                                                                                           |

## KEY PARTNERSHIPS

|                                                                                                                                               |                                                                                  |
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| <b>Key Partnerships</b><br><i>List major investors, offtake or technology partners – include type, partner name, and role (max 150 words)</i> | Avenir Minerals is a strategic investor that holds 9.9% of the company's equity. |
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## KEY MILESTONES TO DATE

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| <b>Key Milestones</b><br><i>List milestones achieved, (feasibility study, permitting, agreements, etc.) – include date and status (max 150 words)</i> | YLP: Exploration Agreement with the Yellowknives Dene First Nation (June 2023). Initial Mineral Resource Estimate (October 2024). Baseline data collection studies initiated in 2023. |
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## MARKET & COMMERCIAL

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| <b>Market Need</b><br><i>Data and trends supporting demand; target market (max 250 words)</i> | Global lithium demand continues to demonstrate strong long-term growth fundamentals, driven primarily by accelerating electric vehicle (“EV”) adoption and rapid |
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|                                                                                                                                              | <p>expansion of stationary energy storage systems (“ESS”). Global EV sales reached approximately 22 million units in 2025, representing year-over-year growth of approximately 21%, led by continued strength in China and Europe. At the same time, global stationary storage demand increased by more than 80% in 2025 as utilities and governments invest in grid stability, renewable energy integration, and energy security. Industry forecasts project lithium demand to grow from approximately 1.6 million tonnes LCE in 2025 to between 2.8 and 3.6 million tonnes LCE by 2030, representing a projected CAGR of 10–20%. Demand growth is expected to be increasingly diversified across both EV and stationary storage applications, reducing reliance on any single end market and supporting long-term market resilience. Supply growth, however, is struggling to keep pace with accelerating demand. Industry forecasts indicate the lithium market is expected to enter structural deficit beginning in 2026, with deficits widening through 2035 as permitting, financing, and development timelines constrain new supply additions. Long-term supply forecasts have only increased modestly despite significantly stronger demand projections. Li-FT’s target market includes North American and allied EV battery supply chains seeking secure, ESG-focused lithium feedstock and domestically processed battery materials. The integrated Yellowknife Lithium Project and Alberta conversion facility are positioned to supply critical raw and midstream materials into rapidly growing North American battery manufacturing and energy storage markets while reducing dependence on foreign-controlled supply chains.</p> |
| <p><b>Other Investor Requirements</b><br/> <i>Offtake agreements, ESG, commitments, co-investment expectations, etc. (max 150 words)</i></p> | <p>Some existing royalties in place on some properties. Otherwise N/A.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## PROJECT FINANCIAL SNAPSHOT

|                                                                                                                         |                                                                  |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>Total CAPEX (\$)</b><br><i>Total capital expenditure (CAD or USD – specify)</i>                                      | YLP: \$1B; AB Conversion: \$1B                                   |
| <b>Investment Ask (\$)</b><br><i>Amount sought; specify debt / equity and phase</i>                                     | Strategic equity investments to move the project forward to FID. |
| <b>Investment Committed to Date (\$)</b><br><i>Amount committed by the company to date</i>                              | ~\$60M                                                           |
| <b>Funding Committed by Governments / FIs (\$)</b><br><i>Amount and % of total committed by public/financial bodies</i> | \$0                                                              |

## IDEAL INVESTOR PROFILE

|                                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Investor Type</b>                                                                                  | Mixed                                                                                 |
| <b>Investment Horizon</b>                                                                             | Short-term (under 5 years)                                                            |
| <b>Sector Expertise</b><br><i>Preferred expertise of investor</i>                                     | Mining and Processing                                                                 |
| <b>Other Preferences</b><br><i>Offtake, technology partnership, ESG/sustainability criteria, etc.</i> | Strategic support across project development phases followed by construction funding. |

## LATEST UPDATES / UPCOMING MILESTONES

|                                                                                                               |                                                                                                                                                                                                                                                                                                                |
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| <b>Latest Updates</b><br><i>Describe most recent developments and upcoming key milestones (max 250 words)</i> | YLP: Resource and partial infill drilling program completed in W2026. Mineral Resource Estimate update expected in Q3 2026. PEA expected in Q1 2027. AB Conversion Facility: Site visit with SCT (engineering and technology partner) in June 2026. Scoping study expected Q4 2026. FS to follow in 2027/2028. |
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## VISUALS / PROJECT MAP



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| <b>Do you have project images / visuals to share?</b>                                                   | Yes                                                                                                                                                                                 |
| <b>Image Description / Details</b><br><i>If yes, briefly describe the visuals available</i>             | Maps and Photos                                                                                                                                                                     |
| <b>Project URL / Link to Visuals</b><br><i>Provide a URL where visuals or the project can be viewed</i> | <a href="https://www.li-ft.com/_resources/presentations/corporate-presentation.pdf?v=063002">https://www.li-ft.com/_resources/presentations/corporate-presentation.pdf?v=063002</a> |

*Information is confidential and proprietary and is provided solely for the intended recipient for the purpose of evaluation of project activities.*