



Technology Development Program [SME Stream]

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| Anchor Firm | ERICSSON  |
| Challenge Statement | 5G Enabled Warehousing and Logistics |

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| Challenge Launch Date | June 16, 2020 |
| Challenge Deadline | July 14, 2020 |
| Challenge Statement | 5G is a critical component in the Industry 4.0 revolution and will disrupt many traditional businesses in our economy. Efficiencies in warehousing and logistics will continue to be a critical component of the economy going forward, and it is evident that 5G will enable new use cases in this industry. Ericsson, through its partnership in ENCQOR, is looking to collaborate with an Ontario based SME with domain expertise in warehousing or logistics that can develop and demonstrate a solution that solves a critical problem in this sector leveraging the capabilities of 5G. |
| Project Partner | Ericsson Canada Inc. |
| Timeline | up to 12 months [NOTE: Projects must be completed by March 31, 2022, no extensions will be available beyond this timeline]. |
| Available funding | Up to \$400,000 CDN |
| Applicant Type | Ontario based SME Scale company |
| Location | Ontario [NOTE: live demonstrations in Ottawa are required every 6 weeks, this is a requirement only should COVID-19 restrictions be lifted] |
| Project Details | <ul style="list-style-type: none">Proposed project should have a clear problem description and pain-point related to the warehousing, manufacturing, or logistics sector.Commercial value of the pain-point should be included<ul style="list-style-type: none">Total Addressable Market, Service Addressable MarketThis project/use case should be validated by a customer in the respective sector [warehousing, manufacturing and/or logistics]<ul style="list-style-type: none">Customer engagement is encouraged to effectively participate in a trial of the prototype once developedProposal should include a solution diagram, defined milestones and deliverables along with information to support the Total Addressable Market and Serviceable Addressable market |
| Project Goals/ Outcomes | <ul style="list-style-type: none">Projects can be Hardware or Software focussed (or both)Project outcome is to develop a TRL-7 prototype. This is a prototype ready for demonstration in an appropriate operational environment. The prototype is at a planned operational level and is ready for demonstration in an operational environment. Activities include prototype field testing. |

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| | <ul style="list-style-type: none">• Project should provide performance metrics to effectively define success criteria by project phases |
| Applicant Capabilities | <p>The SME applicant should have a proven track record of:</p> <ul style="list-style-type: none">• Delivering solutions in the warehousing, manufacturing, or logistics sector• Successful engagements with customers in the warehousing, manufacturing, or logistics space• A team ready to begin execution on this project within 1 month of contract execution |