Research Findings: Canada’s Digital Opportunity

• Significant opportunities SME ITC firms located in proximity to Canada’s existing manufacturing clusters.

• Few of the manufacturing supply chain firms have the technical capacities to effectively implement the new technologies and optimally collaborate with their ITC partners.
Policy Implications of Research

Findings

• With respect to 3D printing the opportunity is broad but not deep.

• It is in the supporting technologies that most of the digitization impact is likely to happen in the near term.

• Talent: Improving the Cognitive Capacities of SME Firms.
Policy Perspective

• Can a ‘loosely coupled’ innovation system get us to the industrial digital economy in time?
• What additional De-Risking Mechanisms can assist SMEs? ReMAP IP Model in Advanced Manufacturing Supercluster?
• A global competitive advantage by linking resource base to manufacturing base. However, the linkages between digitization of ore bodies, metallurgy, structural metallurgy to design and manufacturing have yet to be made.