

BIOGRAPHY



Alistair Munro

Director of Business Development, Lean Design Canada, Inc. and Munro & Associates, Inc.

Alistair Munro, is the Director of Business Development for Lean Design Canada, operating out of Windsor and Toronto, Ontario, Canada. Lean Design Canada is the sole affiliate of Munro & Associates in Canada, but operates independently and in other global regions.

No stranger to international business, Alistair has spoken/presented and/or worked in the UK, France, U.A.E, China, Australia, USA, as well as across Canada. His broad background, including his time at Lean Design Canada, which has seen him working with companies from O.E.M's to tier 3's in the financial sector, construction and property investment, Automotive, Aerospace, Agro-Food Industry, Medical, Consumer Electronics, Alternative Energy, and Machine, Tool, Die, and Mold industries.

From large pulp and paper machinery design to video game controllers, Alistair Munro was worked on a large variety projects in various manufacturing fields.

Some highlights of his career have seen him working Tier 1 Automotive Suppliers to Ford, GM Holden, Toyota and Futuris (among others). One particular project involved the selling off of the spare parts business and consolidating multiple sites across Australia as well as an operations overhaul, including plant move and re-layout, line balancing and general Lean Manufacturing best practices. Also recently, Alistair is participating in the BMW i3 teardown benchmarking study by Munro & Associates.

Similar to this, Alistair has worked with several OEM's across China to both improve both product design and manufacturing facilities, especially in the consumer electronics industry.

Alistair's skills were also applied in a benchmarking study carried out for Agriculture and Agri-Food Canada (AAFC) to improve the efficiency and plant layout of the participating companies in the study.

Alistair Munro was also involved in the Windsor Essex Economic Development Commission's Capabilities Study of 2008 which documented the technical capabilities and capacities of local MTDM shops in the Windsor Essex region as well as the MTDM Diversification Study which outlined the need for local MTDM shops to diversify from Automotive into Aerospace and Defense and other sectors with various opportunities proposed and outlined.

In addition to this, Alistair has worked with several MTDM (Machine, Tool Die and Mold) companies in southwestern Ontario. This includes a pilot project with the Windsor Essex Economic Development Commission (WEEDC) funded by the Ministry of Economic Development and Trade's "Communities in Transition" grant/funds to help turn around companies in the MTDM sector after the economic crash through Lean efficiencies, productivity improvement and Lean Design. Companies that participated in this grant found on average a 15% to 30% reduction of cost by implementing these Lean methodologies and tools. Other grant experience has come through CME's SMART Program, Ives Landry Foundation Grant, and the NRC IRAP grant. Alistair has worked with the Canadian Association of Mold Makers (CMM) and The Canadian Tooling & Machining Association (CTMA) as well as WEEDC on such projects as "The Future is Here" 2008 Mold Making Reverse Trade Show, which was the largest show of its kind in the region.

Alistair has spoken, presented or been involved with the Ontario Aerospace Council (OAC) with various projects and conventions, including the Paris Airshow, Farnborough Airshow, Aero Montreal, DTAPP (Digital Technology Adoption Pilot Program), Natural Resources Canada (NRCan) "Dollars to \$ense Workshop", and "Raytheon/Munro & Associates Lean Design and Benchmarking Workshop" at the OAC's Annual General Meeting.

A prolific writer, Alistair is the current editor and main content contributor to the Munro Report (Munro & Associates' newsletter) as well as several other online and printed magazines and newspapers, most notably for the Society of Manufacturing Engineers (SME) Manufacturing Engineering Magazine, Medical Device and Diagnostic Industry (MDDI) Magazine, Aerospace Manufacturing and Design Magazine, and Today's Medical Developments Magazine, and Design News. Alistair has also been written about in the Windsor Star and has appeared as a guest on CKLW AM 800's "Experts On Call".