



## Lean to Green – Breakfast Workshop

### Overview:

CME in partnership with NRC-IRAP and in cooperation with Carlson Engineered Composites Inc. and Manitoba Hydro present a Lean to Green workshop on Tuesday, March 30, 2010 to talk about their successes.

### Content:

The results of the “clean” assessment of Carlson Engineered Composites Inc., presented through a workshop, will demonstrate the benefit of clean assessment tools and techniques to Manitoba firms. Manitoba firms will learn and discuss the case study of Carlson Engineered Composites Inc., as well as explore opportunities for improvement in their own facilities to improve process efficiency, product quality and customer satisfaction. Companies can benefit from an improved environment, worker health and safety, and an improved energy performance.

A number of presenters from various manufacturing companies will share their results of their experiences in applying Lean Tools to a Green process.

### Presenters:

**Gordon John Greaves, C.A.; Managing Director, Centre of Excellence for Canadian Manufacturers and Exporters Manitoba.**

He has been active in his involvement with the CME and the AMI since 2000. He also served as chairman of the Manitoba Consortium for Continuous Improvement, an organization dedicated to learning and sharing the best practices of lean management, from 2003 until 2005.

**Rob Haller; Manufacturing Engineer;** has been with **Carlson Engineered Composites** since 2002 as Manufacturing Engineer to, primarily, work of production flow and efficiencies. He was later involved in starting the current program to develop the company's capability in Light RTM. After four years with the company, he was given his current role as Engineering Manager, having facility, production and design engineering directly under his responsibility, as well as maintenance and tooling departments, which the latter directly works on all R&D projects.

**Bruce Taylor, P. Eng., President of Enviro-Stewards Inc.,** is a chemical engineer with 20 years of experience in the environmental consulting field and has expertise in the fields of water efficiency, pollution prevention (P2), energy efficiency (E2), lean & clean, sustainable development and treatment process design. His project experience includes aerospace, automotive, beverage, commercial product, food, manufacturing, medical, mining, nuclear, petrochemical, pulp & paper, pharmaceutical, specialty chemical and textile industries. His international development work includes construction of an orphanage in Sudan, earthquake relief in El Salvador, and drinking water treatment (Chile and Sudan).

**Jordan Kork, P. Eng, Vice President Operations, Canadian Tool & Die;** Lean transformations typically focus on the reduction of waste from manufacturing and administrative processes, with positive results in improvements in quality, delivery, cost, and employee satisfaction. At CTD we've added "green goals" to our lean transformation program while still using traditional lean tools.

A presenter from **Manitoba Hydro** will also be in attendance.

<b>Who Should Attend:</b>	<b>Executives and Leaders involved in Strategic Planning, Product Development, Environmental &amp; Sustainability, Operations, Financial and Engineers</b>
<b>When:</b>	<b>Tuesday, March, 30, 2010 / 7:30 am – 9:30 am</b> <b>7:30 – 8:00 am: Registration &amp; Hot Breakfast</b> <b>8:00 – 9:30 am: Program and Workshop</b>
<b>Where:</b>	<b>Victoria Inn Hotel; 1808 Wellington Ave; Winnipeg, MB (Carlton Room)</b>
<b>Costs:</b>	<b>\$40.00+ \$2.00 GST = \$42.00/person</b>

### **\*\* REGISTRATION DEADLINE – TUESDAY, MARCH 23, 2010 \*\***

~An event confirmation will be sent one week prior to each course. Cancellations must be received in writing no later than March 23/10. After that time, the full registration fee will apply and only replacement participants will be accepted. Invoices will be sent for non-attendance.~

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