

SUPPLY CHAIN MANAGEMENT ASSOCIATION

An Overview of Supply Chain



SC TRAINING OPPORTUNITIES; AN EVOLUTION

While education in procurement dates back to training manuals from CP and CN in the 1800s, formal education in the pillars of Supply Chain management remain relatively new and are popping up everywhere.

Are skills really transferrable?

How do I develop my staff to the next level?

How do I select the right course for myself or my staff?

What is available and where?

STAFF DEVELOPMENT

“We are never going to have the right skills and knowledge to do what needs to be done. The only way we will is to continue to reinvent ourselves, by updating our skills in order to maintain our relevance. We need to accept that as our reality,”

*Jim Carroll, Futurist
Special to The Globe and Mail
Published Saturday, Sep. 03, 2016 6:00AM EDT*

ABOUT SCMA

- Premier end-to-end association for Canadian supply chain professionals
- Established Sept 3 2013 - amalgamation of the former Purchasing Management Association of Canada (1919) and the former Supply Chain and Logistics Association of Canada (1967)
- Over 7,000 members across Canada
- Provides Continuous Professional Development and Networking opportunities to members
 - conference, Symposium, webinars

OUR MISSION, VISION & VALUES

MISSION

To build leadership in supply chain management

VISION

Employers recognize and value the contribution of supply chain management professionals to the success of their organizations.

Values:

We are Professional / Collaborative / Focused.

SCMA EDUCATION PROGRAMS

- Two streams: tactical and strategic
- Classroom and self-study programs
- Supply Management Training (SMT) – early career, skills-based, tactical learning
- Supply Chain Management Professional (SCMP) Designation – leadership program focused on marrying tactical ability and strategic thinking

AGENDA

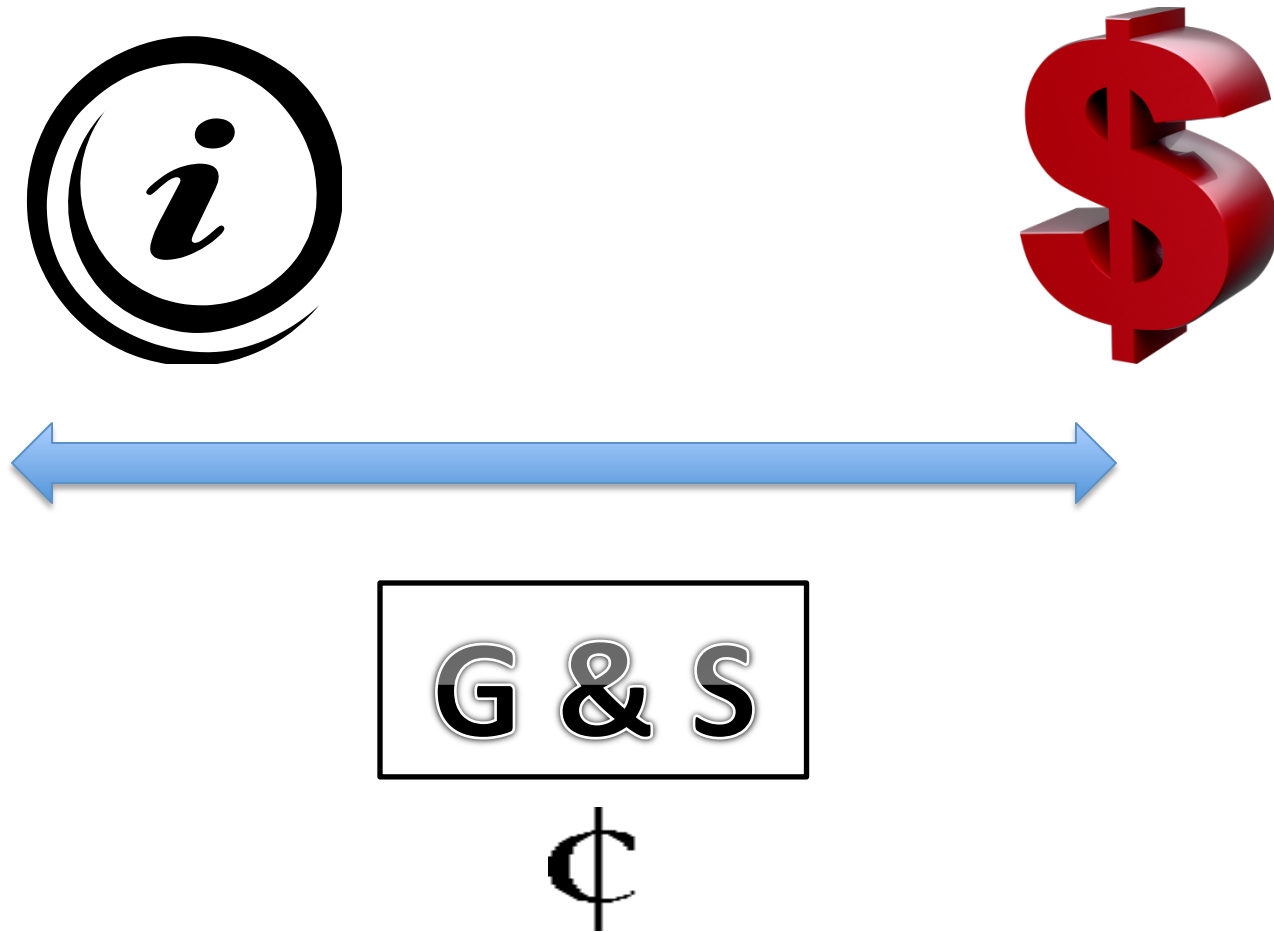
- **What is a Supply Chain?**
- What is Changing?
- Supply Chain Education
- Open Questions

STRATEGIC SCM IN CANADA

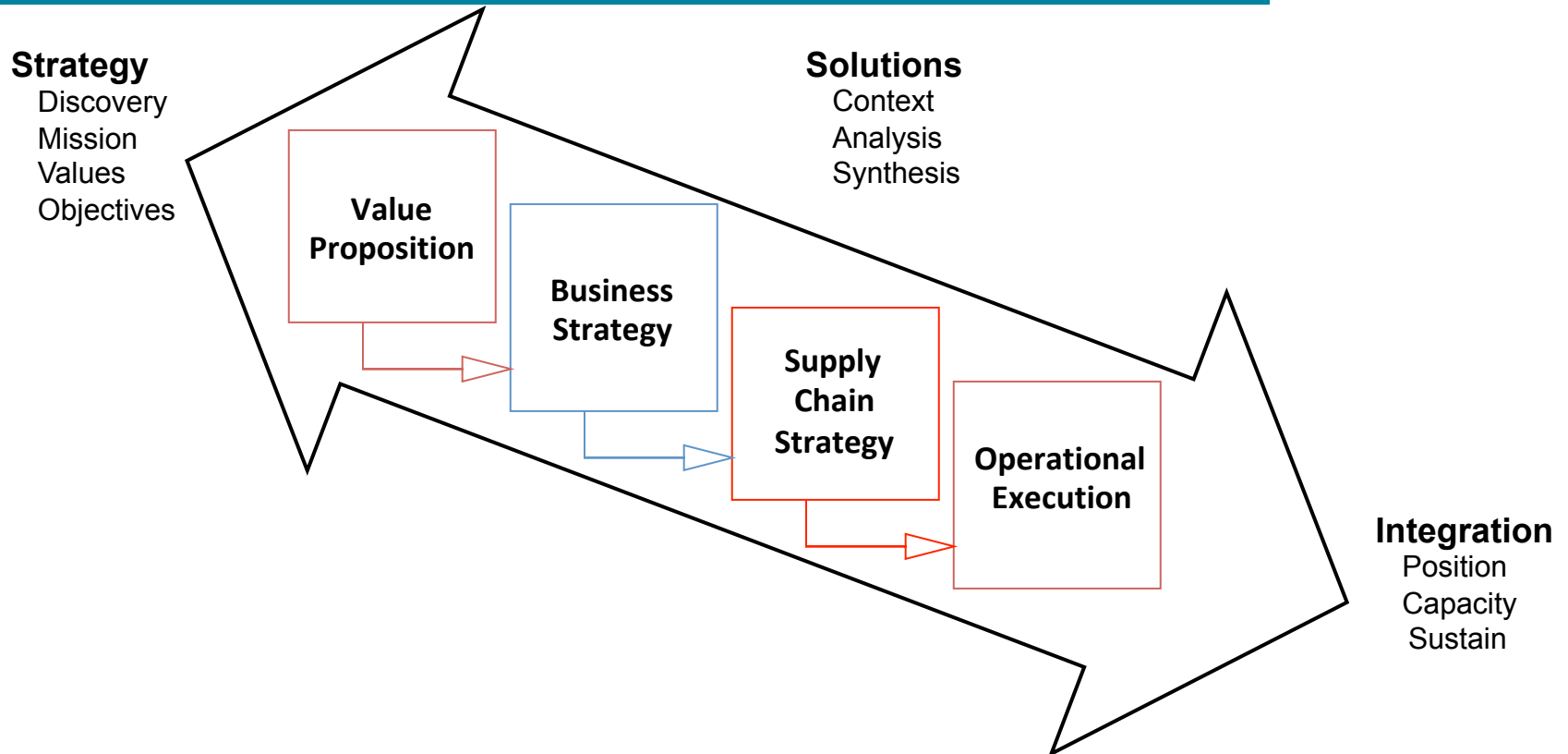
SCMA views the Definition of Canada's SCM as
The process of strategically managing flows of goods, services, finance and knowledge, along with relationships **within and among** organizations, to realize greater economic value through:

- Supporting enterprise strategic objectives
- Contributing to the achievement of strategic competitiveness of the enterprise
- Enhancing customer satisfaction

WHAT IS SUPPLY CHAIN MANAGEMENT?



STRATEGY ALIGNMENT



WHY DO YOU CARE?

- SC excellence is about a relationship between growth, costs, cycles and complexity;
 - most companies have multiple supply chains
- As Artificial Intelligence (AI) replaces procurement professionals in the next decade, SC excellence (as noted above) will be the evolution of public procurement.

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SPECIFIC TRENDS

Public Sector Procurement

- It was a job; potentially a boring one. Now we have an increased emphasis on the profession; advising clients and managing categories.
- Complex contract management may require a different skill set than needs assessment. Both require leadership without authority.
- Artificial Intelligence can replace most of our roles and this will only grow, even at the senior level.

INTERNET CONNECTIONS

Change:

- Social media, mobile technologies, cloud capacity, big data, and Internet of Things.
- the shift from N.A. middle class to global middle class.
- Investment in companies vying for private-public partnerships will come from new places with global crowd sourcing allowing both intellectual and financial capital to flow in new and unique ways.

ARTIFICIAL INTELLIGENCE

Robotics will usher in a new disruption in AI, data gathering, access to information and public-private partnerships

Robots are learning in new ways. Sensors (audio, visual and tactile) allow them to learn the way a human learns on the job. But connected to the WWW able to learn from other robots around the world.

An increase in the number and capability of these robots will create a wave of artificial intelligence programs that can mimic human decision making, including category management, contract management, vendor performance compliance and development, and customer compliance.

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- **Supply Chain Education**
- Open Questions

HOW WE GOT HERE

Yesterday's Supply Chain Leaders.

- Formal training? It didn't exist.
- They learned on the job by doing it
- They relied on networking, and created the associations we turn to today

Now we have new people coming in, potentially with new ideas

- Better educated; more collaborative
- Unaccustomed to business structure



CAREER DEVELOPMENT

Early Career

- A provider of business advice and information
- Gathering information, analyzing, reporting, compliance

Mid-Career

- A tactical leader and operational decision-maker
- Discernment, Negotiation, Project Management, Policy setting

Career Peak

- A leader and strategic decision-maker
- Vision, Motivation, Leadership, People Development

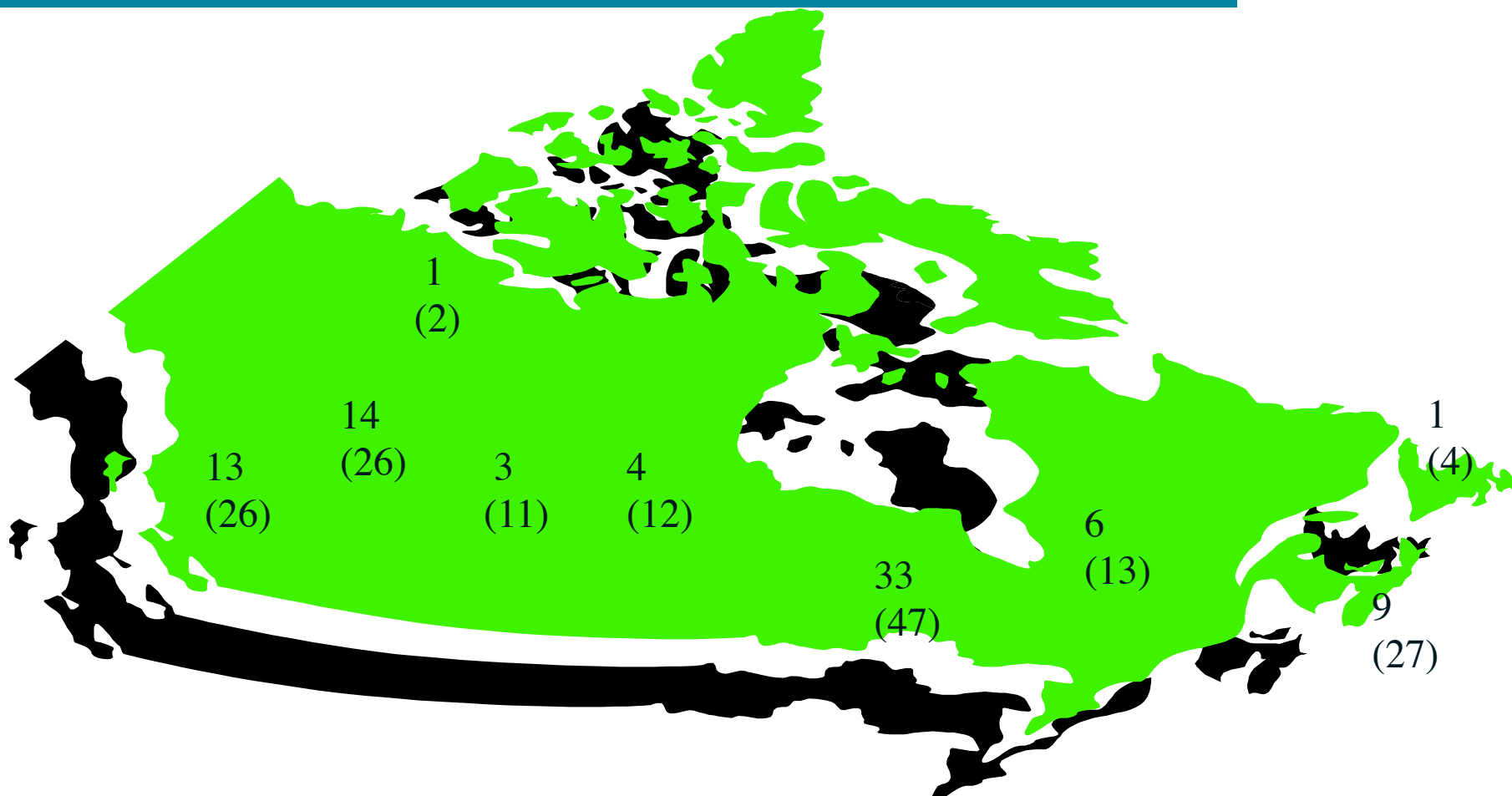
TRAIN YOUR PEOPLE

Many Canadian leaders do not see developing a succession plan as an immediate concern.

The next generation will be attracted to, and retained by those who provide career paths, and offer continuing education and professional development).

The growth of the supply chain sector, the diminishing talent pool and the retirement of skilled employees all combine to make this a critical time for employers, private and public.

SCMA RESEARCH – SC OFFERINGS



BC COLLEGES AND UNIVERSITIES

British Columbia Institute of Technology
Capilano University
Kwantlen Polytechnic University
University of British Columbia
Vancouver Island University
University of Victoria
University of Northern British Columbia

Camosun College
Douglas College
Langara College
Okanagan College

COLLEGES AND UNIVERSITIES

ALBERTA:

Mount Royal University
S. Alberta Institute of Technology
Concordia University of Edmonton
MacEwan University
University of Alberta
University of Calgary
University of Lethbridge
Keyano College

SASKATCHEWAN:

University of
Saskatchewan

MANITOBA:

University of Manitoba
University of Winnipeg

ON COLLEGES AND UNIVERSITIES

Brock University

Carleton University

Lakehead University

McMaster University

Royal Military College

Ryerson University

U. of Ontario Institute of Tech.

University of Ottawa

University of Toronto

University of Waterloo

University of Windsor

Wilfrid Laurier University

York University

Algonquin College

Conestoga College

Durham College

Fanshawe College

Lambton College

Mohawk College

Niagara College

St. Clair College

Centennial College

Humber College

Seneca College

Loyalist College

Fleming College

St. Lawrence
College

George Brown
College

Canadore College

Confederation
College

Northern College

Sheridan College

QC COLLEGES AND UNIVERSITIES

Bishop's University

Concordia University

HEC Montreal

McGill University

Université Laval

John Abbott College

COLLEGES AND UNIVERSITIES

NEW BRUNSWICK:

University of New
Brunswick
Yorkville University

NEWFOUNDLAND & LABRADOR:

Memorial University of
Newfoundland

NOVA SCOTIA:

Acadia University
Cape Breton University
Dalhousie University
Nova Scotia Community
College

NORTHERN TERRITORIES:

Aurora College

ASSOCIATIONS

SCMA – end-to-end supply chain – Supply Chain Management Professional (SCMP)

APICS – end-to-end supply chain – Certified Supply Chain Professional (CSCP)

TBS or PWGSC or PMMRP,CMO – Certified Federal Specialist in Procurement (CFSP), Level I and II, or Certified Federal Specialist in Materiel Management (CFSMM)

NECI – Public Sector Procurement Program Certificate

NIGP – Executive Certificate in Public Procurement

ASSOCIATIONS

CIPFA – Public Finance and Accounting - Certificate in Public Sector Procurement

ISM – Certified Professional in Supply Management (CPSM)

CIPS – Procurement and Supply Management - (MCIPS)

Non-procurement players in the SC field:

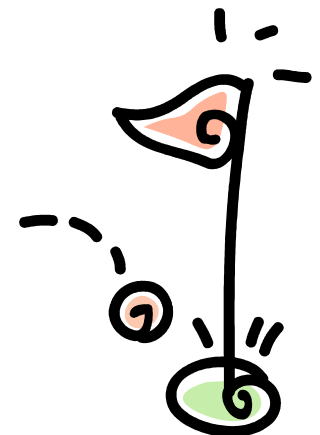
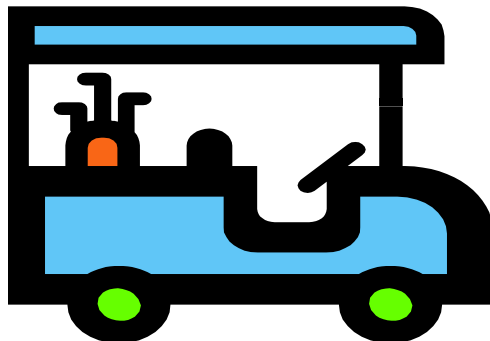
CITT – Transportation and Logistics

CIFFA – Freight Forwarding

CPLI – The Logistics Institute – P.Log

GOLF – AN ANALOGY

- We're following the same concepts as we did in the 1400s.
- Strategy – Sink the ball in the fewest number of strokes
- Tactic – Use multiple clubs



GOLF – AN ANALOGY

- We have new tools; the clubs and the balls have evolved.
- Aerodynamics, materials, weight, all allow us to perform better with less effort.
- We have new methods for how we hold our bodies when we swing different clubs.
- The concepts haven't changed, but the way we apply them certainly has.

WHY AN ASSOCIATION?

- We exist to address the shortcomings of our current leaders.
- We create mentor programs as an educational system.
- We provide networking opportunities that go beyond a beer at the bar.
- We are accountable to the members, so we have to provide what they tell us they need.

PURCHASING – MORNING COFFEE

- Make or buy decision
 - Cost/Service Trade-off
- Specs – qualifying the order (instant/perc/auto-drip)
- BoM / MRP – (beans/water/time)
- Source of Supply
 - Cost/Service Trade-off (TDL/grocer/Coffee Service)
 - Relationship / Transaction Cost Reduction / Evaluation
 - Risk Management / Market Conditions / \$
 - Sustainability

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THANK YOU!

More information:

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