

Innovation

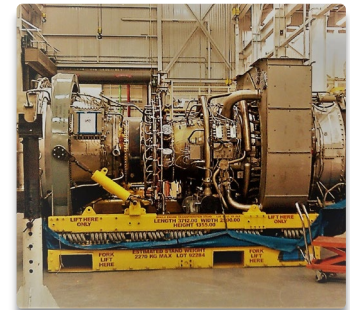
Execution

Process Excellence

www.abacusteam.ca

Services

- ▶ Lean Six Sigma training and coaching
- ▶ Strategy, Innovation and Operational Excellence
- ▶ Toyota Production System deployment
- ▶ Project Management and Agile
- ▶ Machine Learning and Artificial Intelligence Strategy
- ▶ Quality and Environmental Management
- ▶ Strategy deployment / Hoshin Kanri
- ▶ Design for Six Sigma and Design for Reliability



Lean Six Sigma Training and Certification

- ▶ Customized Green Belt and Black Belt Training
- ▶ Design for Six Sigma and Design for Reliability
- ▶ Lean Six Sigma for Healthcare
- ▶ Open registration through McGill University





Strategy, Innovation and Operational Excellence

- ▶ Starting from an organizational and situational assessment
- ▶ To identifying and managing the strategy deployment to get to the expected results
- ▶ Workshop facilitation
- ▶ Management coaching



Project Management and Agile

- ▶ Agile Project Management and SCRUM
- ▶ In complex situations
- ▶ When adaptative approaches are needed

Quality and Environmental Management

- ▶ Quality and Environmental Management Systems
- ▶ Development, Assessment, Optimization
- ▶ Including AI and Machine Learning Applications



ECO LEAN SIGMA
A workshop for preoccupied professionals

abacus

- ✓ **ENVIRONMENTAL MANAGEMENT**
Reach business environmental management objectives
- ✓ **PLANNING**
Integrate the environmental dimension in business and improvement planning
- ✓ **WASTE REDUCTION**
Establish a bridge between variation reduction, the 8 wastes and environmental impact
- ✓ **ARTIFICIAL INTELLIGENCE**
Advantages of AI and Machine Learning in achieving the desired impact
- ✓ **CERTIFICATE**
At the end of the 3 day workshop, the participants will receive an Eco Lean Sigma Practitioner certificate
- ✓ **STANDARDS**
Bridge gaps between ISO14000, ISO9000 and environmental laws

Who Are We Working With



Government of Canada
Gouvernement du Canada



Experience

- ▶ Your consultants are all Black Belts or Master Black Belts
- ▶ Here is a section of our specific experiences
 - ▶ Design engineering
 - ▶ Operations management
 - ▶ Supply chain management
 - ▶ Quality and customer care
 - ▶ Insurance
 - ▶ Healthcare and research
 - ▶ Industrial processes
 - ▶ Higher education
 - ▶ Service Industry



Our mission

WHY

Contribute
to a breakthrough
organizational
success of our clients

HOW

Improve and innovate in complex environments
with very demanding customers
Build alignment and ensure execution
Engage the organization
Concurrently advance sustainability

WHAT

Customized training , coaching and strategy deployment support
Improvement programs, measurable results
Best practices strategies: innovation, AI, Deep Learning

Who is Alex Boussetta

- ▶ Alex is the founder of Abacus Team
- ▶ Alex has over 26 years of operational experience. He participated in many company transformations, turn around initiatives, and led continuous improvement and operational excellence deployments.
- ▶ Prior to consulting, Alex was Corporate Director of Lean at MAAX, Director of Operations at Triton Electronik, and Director, Enterprise and Devices Quality at Blackberry.
- ▶ He holds a VIP award for his project management work at General Electric, as well as a five-star award from Blackberry.
- ▶ Competency : Lean thinking, Lean Six Sigma with operational and business processes, Strategic Planning, Project Management, Quality Management



Who is Alex Boussetta

- ▶ Extensive experience and education in continuous improvement: Lean and Six Sigma, Design for Six Sigma
- ▶ Extensive experience and education in project management, including projects over 30 Millions \$, related to industrial engineering, facilities, product introduction, information systems
- ▶ Diplomas and Certifications: P. Eng., M. Eng, Lean Six Sigma Master Black Belt (MBB), PMP, Agile SCRUM Master Certified (SMC), Environmental Professional (EP)

New York Institute of Finance, Certificate of Mastery -
M&A Professional Certificate Examination

MIT Innovation and Technology Certificate, MIT Machine Learning and Artificial Intelligence Certificate



Martin Carignan

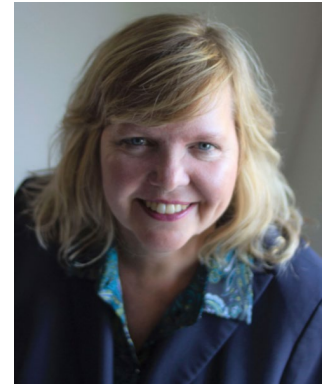
- ▶ 26 years of work experience. Martin has been consulting in Lean Six Sigma for the last 22 years .
- ▶ He was one of the first Master Black Belt trainers for Bombardier.
- ▶ Prior to consulting he was a Change Agent at Abitibi Consolidated.
- ▶ Lecturer at the Ecole de Technologie Superieure University in Montreal, where he teaches Lean Six Sigma.
- ▶ Competency: Lean thinking, Six Sigma with operational and business processes, management coaching
- ▶ Diplomas and Certifications: Masters in Statistics , MBA. Certified Master Black Belt



Sheri Phillips

Strategic Partner

- ▶ 27 years of work experience. Sheri has been consulting in Lean Six Sigma for the last 3 years.
- ▶ Prior to consulting she was the Sr Director, Industrial Performance and Director of Learning at Sanofi
- ▶ Competency: Corporate strategy deployment, cost reduction, training strategies, Project Management, Change Management
- ▶ Diplomas and Certifications: Project Management Professional (PMP), Lean Six Sigma Master Black Belt (MBB), and Certified Training & Development Professional (CTDP), Prosci Certified Change Practitioner



Courtney Tripp

- ▶ 9 years of work experience
- ▶ Prior to consulting, Courtney worked in the service and insurance industries. She also has hands-on experience with non-profit organizations
- ▶ Competency: Lean Six Sigma, customer service, hospitality, service industry, mutual funds, process analysis, creativity and training
- ▶ Diplomas and Certifications: B.A. in Legal Studies and Sociology, Lean Six Sigma Green Belt (GB)
- ▶ Courtney is a Black Belt in training

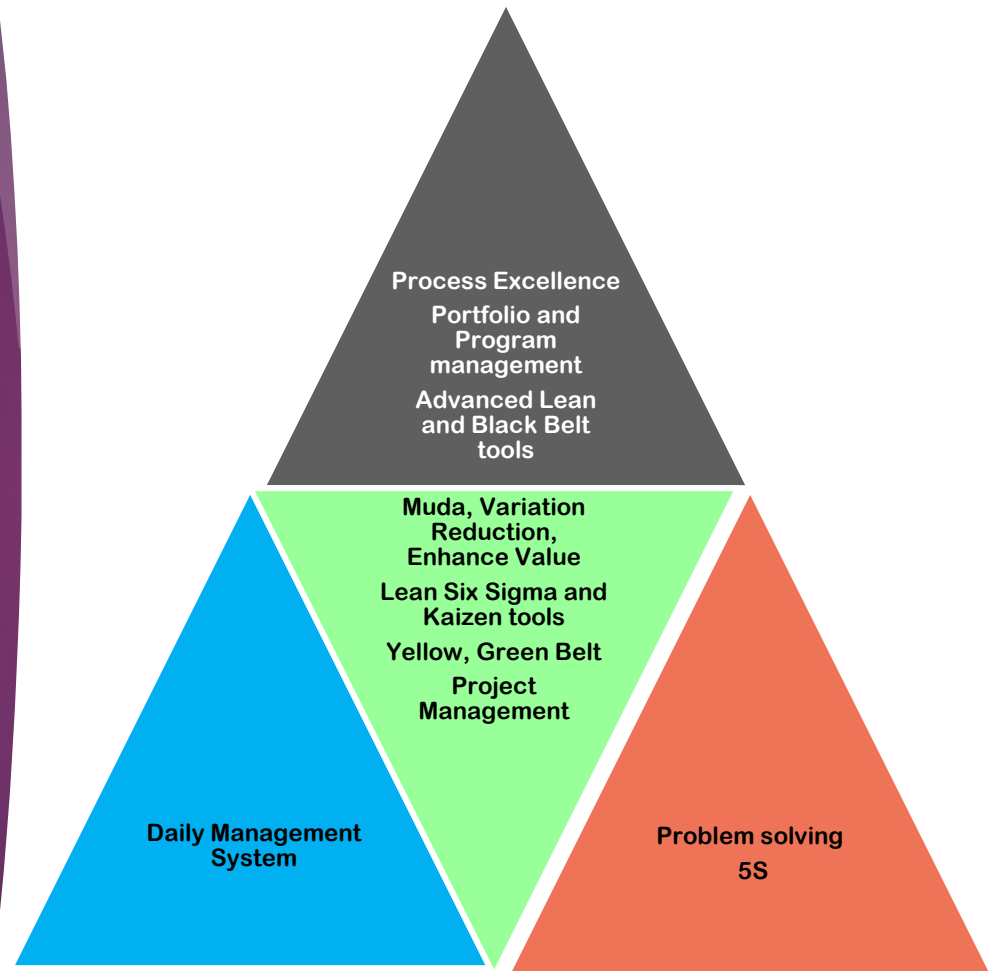


Mike George

- ▶ 16 years of work experience. Mike has been consulting in Lean Six Sigma for the last 4 years
- ▶ Prior to consulting he was a Quality Manager and Project Manager at Electrolux and Volvo
- ▶ Competency: Quality Management, Lean Six Sigma, Organizational Excellence, Change Leadership, Management Coaching
- ▶ Diplomas and Certifications: P. Eng., Lean Six Sigma Black Belt , Certified Lead Auditor AS9100 & 9001, CMQ/OE (Manager of Quality and Organizational excellence), Certified Change Management Professional (CCMP)



Roadmap to Flawless Execution and Process Excellence





Define

- Mission statement
- Scope and team:SIPOC
- Sponsor, Process Owner identification
- Project Charter, Prj. Management Plan (10 dims)
- Force field, Stakeholder analysis

Measure

- Voice of the customer, Needs, Y, X
- Brainstorming, Ishikawa, 5W, 5W2H, ICUKU
- Process mapping, Value Stream Mapping
- VA/NVA and other analysis types
- Risks: FMEA
- Observation, Data collection, MSA
- Process capability

Analyze

- Critical X
- Graphical analysis: relationships, trends
- Chronological analysis, time series
- Statistical analysis

Improve

- Scenarios, Functional analysis
- Creativity: SCAMPER, analogy, workout, TRIZ
- Value Engineering, Design Thinking
- Flow techniques, Setup Reduction
- Pull: Kanban, Heijunka
- Poka Yoke, 5S, TPM
- Selection grids, Pugh principle
- DOE, Performance prediction
- Pilot and Implementation plan

Recognize

- Strategic plan
- Customer complaints and surveys
- Scorecards, Dashboards
- COPQ
- Benchmarking, SWOT analysis
- Tree technique
- Selection grids
- Multi Generation Project Planning

Control

- Visual management
- Control plan and charts
- Standard work
- Transfer of power to the Process Owner
- Lessons learned
- Celebrate, Recognition