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CANADA'S LARGEST LEAN EVENT IN 2022

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LOEWEN OFFICE LEAN JOURNEY

- Steve Kreitz, VP Finance & CFO.
- Stuart Fengler, Sr. Lean Specialist.
- Matt Martens, Product Data Management Manager.
- Tiffany Recksiedler, Continuous Improvement Group Leader.







COMPANY BACKGROUND

- Privately held company, headquartered in Steinbach, MB.
- Established in 1905.
- One of southeastern Manitoba's largest employers since the 1960s.
- Supplier to Canada, United States, and some international markets.
- Canada's largest wood window and door manufacturer.







LEAN JOURNEY IN OPERATIONS

- 1988: Just-in-Time Manufacturing WIP reduction, line balancing.
- 2000: Continuous Quality Improvement 5S, Total Productive Maintenance, CQI charter teams.
- 2003: Demand Flow Manufacturing Assembly redesigns, capacity driven.
- 2005: Business Process Redesign Manufacturing/Systems, holistic review.
- 2008: Housing Market Crash Sustain improvements.
- 2010: 'Grass Roots' Continuous Improvement 2 Sec Lean, CI Teams, Kaizen events.
- 2019: Lean Office . . . What about the office?





2019 LEAN JOURNEY IN OFFICE – HIGHLIGHTS

- Where do you start? Get people involved!
- Strategy 'mile wide/inch deep'.
- Started to develop 14 Continuous Improvement Facilitators department consultants.
- Provided 140 training hours for Facilitators.
- Started process mapping.
- Injected new ideas Department of Families tour and hosting events.

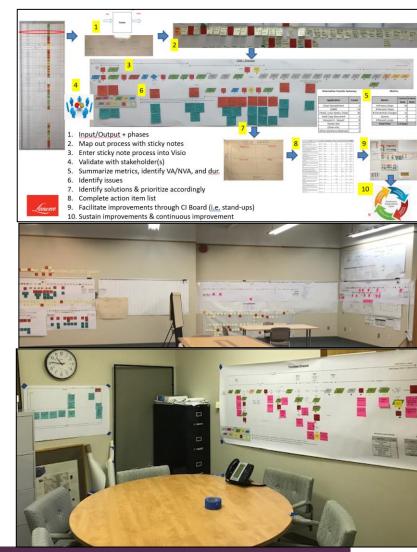






2019 LEAN JOURNEY IN OFFICE – PROCESS MAPPING

- Established a target 3 process maps per department.
- Trained and empowered the CI Facilitators.
- Discovered lots of rework, ownership changes, duplication of work within our processes.
- Provided 52 departmental updates to Executive Change Council.
- Completed 33 process maps 172 quick hits and 189 strategic ideas.

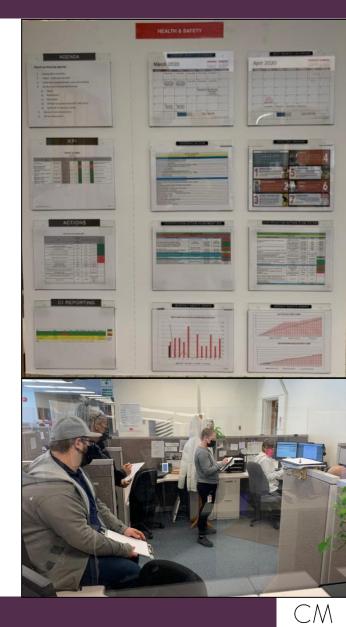






2019 LEAN JOURNEY IN OFFICE – HUDDLE BOARDS / GEMBA WALKS

- Assigned the leadership team with developing a standardized department huddle board.
- Implemented the huddle boards in 14 departments Finance, Human Resources, IT, Quality, etc.
- Tasked the leadership team with developing a Gemba Walk process agenda, schedule, documentation.





TRANSFORMATION PROCESS PERSPECTIVE – EXECUTIVE

• Successes – Developed facilitators in each functional area, completed mapping of key processes, identified hundreds of quick hits and gems

- Challenges competing workloads and priorities.
- Suggestions In retrospect, should have started with Lean 101 refresh and leader training
- Support required starts at the top leaders need to model the behavior for their teams
- Engagement Visit with Department of Families was very inspirational and a strong example of lean implementation in an information flow environment



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2020 LEAN JOURNEY IN OFFICE – HIGHLIGHTS

- Strategy finish what we started, more training, and more value stream mapping.
- Invested in the Leadership team.
- Conducted +1,400 hours of training Lean 101, Yellowbelt, and Lean for Leaders.
- Provided lean exposure through CME events Kaizen Conference, Consortium, tours.
- Survived the introduction of COVID.

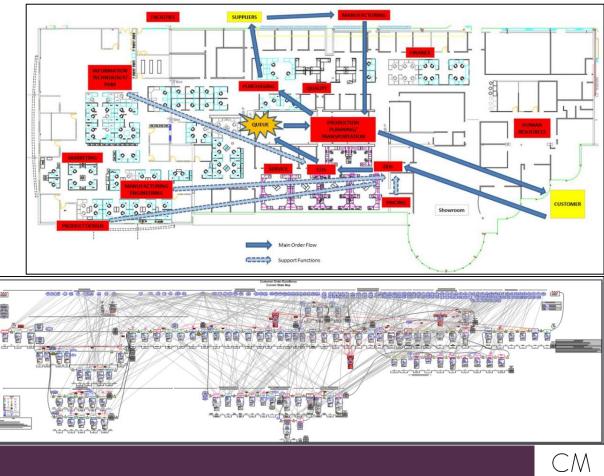


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2020 LEAN JOURNEY IN OFFICE – HIGH LEVEL VSM

- Created a project team to improve the quote to manufacturing process.
- Evaluated information process flow and system dependance.
- Started current state as COVID hit in March, 2020.
- Resorted to 100% remote via Zoom and Visio.





TRANSFORMATION PROCESS PERSPECTIVE – OFFICE LEADER/FACILITATOR

- Successes putting CI training into practice, small improvements add up, greater awareness.
- Challenges competing workloads and priorities.
- Suggestions sharing best practices/struggles, coordinate efforts across organization.
- Support required from other department facilitators, check-in from CI Steering Committee.
- Engagement utilize CI Engagement KPI, schedule designated CI time, celebrate wins.

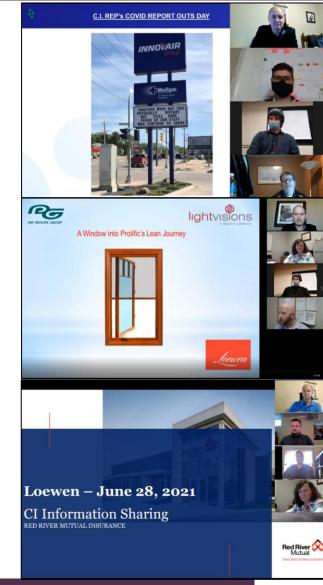






2021 LEAN JOURNEY IN OFFICE – HIGHLIGHTS

- Strategy create a CI Steering Committee to develop tools and provide support to Loewen.
- Created CI Steering Committee cross functional team from Office and Manufacturing.
- Created our 1st formal lean plan lots of ideas from local consortium companies.
- Developed CI Engagement KPI to enhance CI culture.
- Invited guest speaker to share their CI Journey with our leadership team.
- Provided more training Facilitation, Problem Solving and Greenbelt.
- Conducted 1st formal Kaizen event, with participation from CEO and VP Finance.

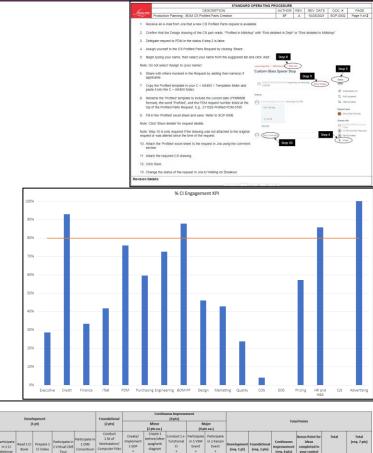






2021 LEAN JOURNEY IN OFFICE – CI ENGAGEMENT KPI

- CI Engagement KPI started with a simple concept from a consortium company.
- Provided a visual method for everyone to get involved in continuous improvement.
- Focused on **Development** reading, webinars, virtual tours, etc.
- Focused on **Foundational** 5S.
- Focused on **Continuous Improvement** SOP's, spaghetti diagrams, VSM, kaizen, etc.









2021 LEAN JOURNEY IN OFFICE -1st FORMAL KAIZEN EVENT

- Key issues: Waiting, Extra Processing, Defects.
- Created reference sheets, SOP's, defect prevention, etc.
- Reduced cycle time from 35 to 8 days.
- Focus on 100% complete, 100% correct and 100% on-time information.
- Lessons learned lean principles can be applied in an information flow.







TRANSFORMATION PROCESS PERSPECTIVE – TRANSFORMATION LEADER

• Successes – self development in others, 'moving the needle', etc.

- Challenges competing priorities, progress varies in different areas, 20% tools/80% change.
- Suggestions start simple, 'create a cause', make it visual, leverage tools commonly used in Manufacturing.
- Support required CME, industry peers, Executive sponsors, etc.
- Engagement utilize CI Engagement KPI, schedule designated CI time, celebrate wins.

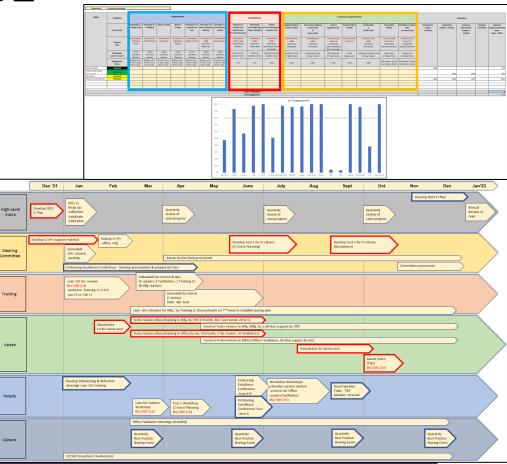






2022 LEAN JOURNEY IN OFFICE – HIGHLIGHTS

- Strategy CI alignment, engagement, and toolbox development.
- Created 2nd formal CI plan.
- Conducted 1st annual CI Wrap Up highlights, sharing, celebrating.
- Created fully integrated CI Library 'one stop shop' for everything CI.
- Introduced CI Engagement KPI (v2) to Office and Manufacturing.
- 3 Quarters to go yet . . .



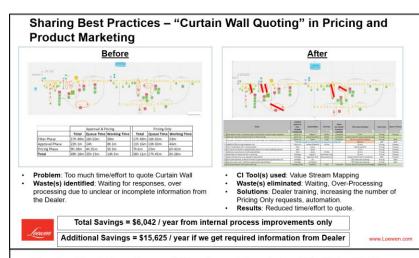
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2022 LEAN JOURNEY IN OFFICE – 2021 CI WRAP UP

- Assigned 14 departments to share one Best Practice slide from CI Engagement KPI initiatives.
- Provided exposure to 2 Sec Lean, 5S, creative training, Value Stream Mapping, and Simulation.
- Total savings from 14 Best Practice slides +\$140,000.



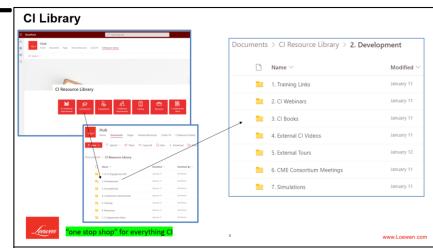
Sharing Best Practices – "Hands on Simulation" in HR + H&S

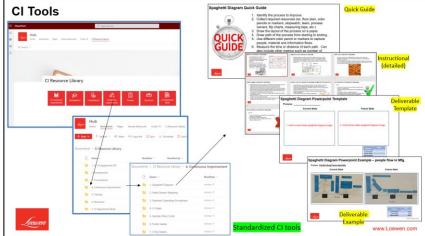




2022 LEAN JOURNEY IN OFFICE – CI LIBRARY

- Developed simple visual way to learn CI tools spaghetti diagram, value stream mapping, etc.
- Incorporated the CI Engagement KPI Office and Manufacturing (new for 2022).
- Included training database Lean 101, Yellowbelt, Greenbelt, etc.
- Provided resources webinars, tour schedules, 2 Sec. lean videos, presentations, etc.









TRANSFORMATION PROCESS PERSPECTIVE – CI STEERING COMMITTEE

- Successes alignment of CI initiatives, development of CI tools and resources, personal growth in CI.
- Challenges balancing responsibilities of committee and "day job", maintaining a full committee.
- Suggestions cross-functional committee, Executive sponsorship, fulltime committee member.
- Support required network with CME and industry, top-down support.
- Engagement responsibility/participation within committee and networking across the organization.







LESSONS LEARNED

- Top management support is essential!
- It's difficult to get people on side without education.
- You can never communicate enough.
- Success is directly proportional to # of grassroots employees involved.
- Create a visual way to engage people (get people doing something).
- Align continuous improvement efforts with strategic initiatives.
- Network with local companies and 'steal with pride'.
- Celebrate your successes!







NEXT STEPS

- Complete 2022 CI Plan training, quarterly sharing events, etc.
- Develop CI culture and engagement in all areas of the organization.
- Create an army of problem solvers.
- Align continuous improvement efforts with strategic initiatives.





THANK YOU!

LOEWEN OFFICE LEAN JOURNEY

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