CURRENT ISSUES AND TRENDS IN TRANSPORTATION AND LOGISTICS

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YESTERDAY, TODAY AND TOMORROW

1993

2019

The future!
CONCRETE EFFORTS TO REDUCE THE ECOLOGICAL FOOTPRINT

**Better fuel consumption**
- Wide-base single tires
- Smaller tractor-trailer gap
- Speed limiters
- Adoption of long combination vehicles

**Energy-efficient equipment for trucks**
- Aerodynamic skirts
- Solar panels
- High-performance automatic transmissions

**Reduction of 11,000 tonnes of GHG per year**
- Our energy efficiency plan has drastically reduced the quantity of GHG being emitted.

**Conversion to liquefied natural gas (LNG)**
- LNG fuels 125 of our trucks, reducing each truck’s GHG emissions by 25%.

**Responsible choices for distribution centres**
- Forklifts powered by compressed natural gas
- Optimized lighting systems to reduce energy use

**SmartWay certification**
- We are proud to display this symbol of excellency in energy efficiency and reduced GHGs.
BEST PRACTICES FOR OPTIMIZING THE LOGISTICS CHAIN

Location of warehouses, plants, suppliers and clients

• Strategic distance between each stakeholder
  ✓ Transportation by container, train or truck
  ✓ Management of transportation between distribution centres and
  ✓ Last-mile management

• Management of raw materials
  ✓ Quality just-in-time production
  ✓ Order preparation, kitting
  ✓ Warehouse management

• Inventory management
  ✓ Back-order
  ✓ Overtime labour
  ✓ Poor quality
LABOUR

Office staff

Drivers
“ORDER TO CASH” (Systems)

- Management of trucks
- Traceability
- Performance reports
- Modernization (systems)
- B.I. (Business Intelligence)
- Sales management
- Invoicing
SOLUTIONS FOR THE FUTURE

- Partnerships between carriers
- Balanced routes
- Industry consolidation
- Production chain location
  - Global / North America / Local
- Continual system development
THANK YOU