CURRENT ISSUES AND TRENDS IN TRANSPORTATION AND LOGISTICS

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Groupe Robert Inc.

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

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

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)
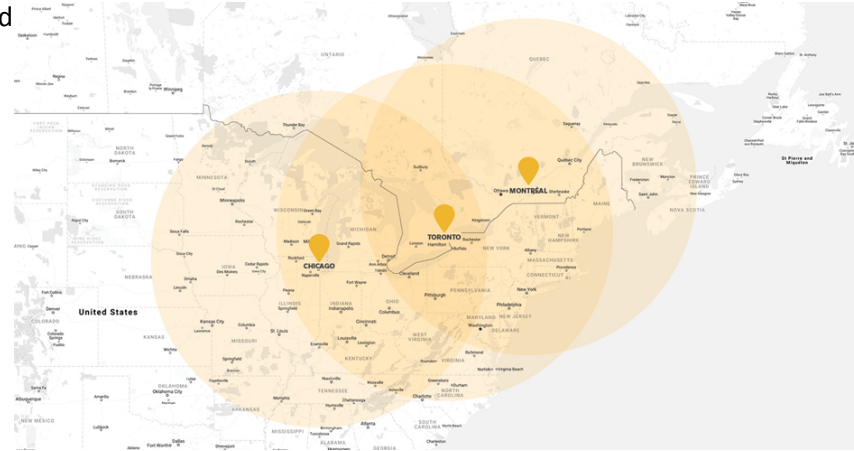- LNG fuels 125 of our trucks, reducing each truck's GHG emissions by 25%.

SmartWay certification
- We are proud to display this symbol of excellency in energy efficiency and reduced GHGs.

SmartWay®

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
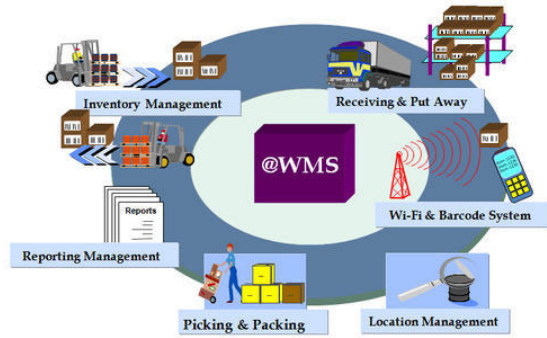 - ✓ Overtime labour
  - ✓ Poor quality
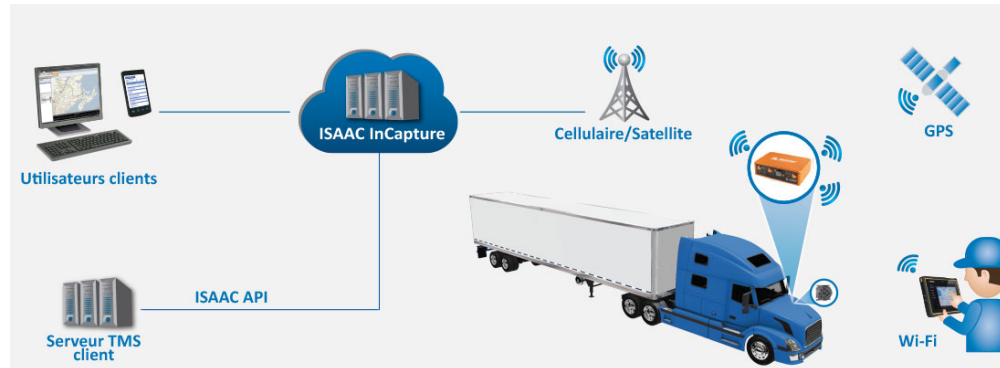
LABOUR

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

ROBERT

THANK YOU