The Challenges

Challenge 2 - Supply-Chain Eco-Footprint

Company Challenge:

Manitou is the first manufacturer to reveal the consumption of its machines under the REDUCE program. We consider providing the greatest transparency starting from the purchasing phase is essential to providing customers with all the factors that affect the cost of use.

One opportunity is to reduce our Supply Chain eco-footprint and identify all the factors necessary to to improve it, such as optimization of transportation, materials input, returnable packaging etc.

SDGs Addressed:

Context:

Manitou is motivated to reduce our eco-footprint. We would like you to work on the optimization of the transportation (put in place a Milk Run).

Manitou Questions:

- How do we quantify ecofriendly transportation?
- What can we measure?
- How can we integrate our suppliers' ideas in the process?
- Challenge: Imagine an innovative way to quantify the environmental and economic benefits to reduce the supply chain eco-footprint.

Key Questions / Answers to assist students in completing the case study:

- What does Milk Run mean? *Consolidating orders/cargo from multiple manufacturing facilities/warehouses in close vicinity and carrying to the final destination or hub to save time, money, and multiple placement of trucks.*
- What does eco-friendly transportation mean to Manitou, what is the criteria being used to measure "eco-friendly"? *Utilising the fewest number of vehicles to transport manufacturing material.*

Team Member Info:

Joe Wisniewski – Transportation and Logistics Manager
Wendy Fournier – Commodity Manager
Darwin Stewart – Senior Buyer
Phyllis Barham – Buyer

Submission Directions

Please answer the challenge by addressing all questions. Submit either a 1-page response in .pdf format or a presentation deck of no more than 10-slides to PRMEic@unglobalcompact.org, with the subject line **PRMEIC_YourTeamName_eco-Response**.