

Optitrans-Optimized Transport Management

Project Summary

Problem

MSF's supply chain is marked by inefficiencies, necessitating improvement in transport logistics management. The lack of an integrated system hampers coordination between European Supply Center (ESCs) and Regional Supply Centers (RSCs), resulting in high transport cost, extended shipment times and elevated CO2 emissions.

Proposed Solution

It aims by implementing a standalone Transport Management system that seamlessly integrate with current and future ERP solutions across ESCs and RSCs. MSF will be able to optimize transport modes, routes, carriers choices resulting in decreased transport cost, shorten shipment times and reduce CO2 emissions.



Potential Impact

- Improves operational efficiency/effectiveness by reducing transport cost and time.
- Promotes environmental sustainability.
- Optimize freight space utilization.
- Strengthen MSF supply Chain resilience.

Viability

- Aligns with OCA and MSF Global Supply Chain Strategy
- **Engages stakeholders** ESC', RSCs & Legal

Risk Mitigation

- Use multiphased approach
- Coordinate with broader stakeholders
- Address challenges in technology integration with existing systems and user adoption

Scalability

- Facilitates integration with existing MSF systems and provide roadmap for scalling

Area/Type: Efficiency Gains; Incubator

Sponsor/Support: OCA

Length/Project Status: 10 months; **ONGOING** Page 1