



Optimizing the Logistics Costs of a Leader of the Cosmetics Industry

PRACTICE

Supply Chain

SECTOR

Cosmetics

MISSION DURATION

3 Months



Our client, a world leader in the cosmetics industry, wants to optimize its logistics costs.

KEPLER offers to implement a logistics strategy that will reduce its additional costs linked to the saturation of its logistics organization in France.

Context

- Two distribution centers (North and South), acting as an interface between factories, subcontractors, and distribution centers
- Saturated warehouses, generating additional logistical costs linked to overflow
- An expected 10% increase in volumes passing through the platforms
- Constraints that are evolving on the market (CO2 emissions, responsiveness, etc.) requiring a review of the rules for flow arbitration

Objective(s)

Optimize Full Costs

- Defining and sizing the logistics organization on a 5-10 years span

Our Approach

Sector: Cosmetics
Mission: 3 months

Methodology

1 **Flow mapping**
and analysis of dysfunctions

2 **Observation of operating**
methods in platforms and
summary of logistics issues

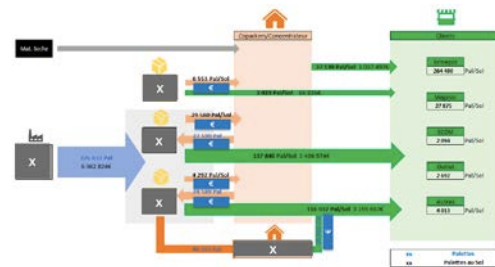
3 **Definition of target flows**
(information and physical)
and workshops on scenarios

4 **Impact modeling**
(quality - cost - time
- environment) and
recommendations

Levers and Tools

- **Flow mapping**
- **Warehouse diagnosis**
- **Modeling / Simulation**

Flow modeling



Summary of impacts

SC0	SC1A	SC1B	SC2	SC3A	SC3B	SC4A	SC4B	SC5B
Rés. directes	100% centralisé en interne	100% centralisé au barycentre	1 plateforme + 3 PL + 2 PTF et 2 sous-traitants	2 PTF et 2 sous-traitants spécialisés	2 PTF - 3 PL + 2 sous-traitants généralistes	2 PTF intern 2 CPN, NeuroGad	2 PTF - 3 PL + 2 sous-traitant NeuroGad	PF FCR 3PL + PF spécialisés
€	€	€	€	€	€	€	€	€
⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠	⚠

Dashboard

-15% **in full costs**
on the selected
scenario

-8% **Carbon
emissions**

Logistics roadmap
and three-year
action plan

Using the tools for modeling and visualizing flows allow understanding cross-cutting levers for improvement without being biased by local optimum constraints.

Beyond the savings generated, this approach contributes to the decompartmentalization of professions and the objectification of decision-making.

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