

Agenda

Optimized Route Planning for Efficiency, Sustainability and Cost Savings

15:00 Word of Welcome

Arthur Zondervan, Managing Consultant & Partner (Groenewout)

15:15 Innovative Route Planning – Reducing your vehicle fleet, transport costs and CO₂ emissions

Clemens Beckmann, Chief Executive Officer (Greenplan)



16:00 Enhancing Cost Efficiency and Punctuality at Jumbo's online business

Frank Gerritsen, Group Product Manager E-commerce, Jumbo

Florian Merget for the Q&A (Greenplan)



17:15 Enhancing Optimizing Transport at Arvesta: Balancing Operations and Voice of the Customer

Evert Armiroto, Transport Coordinator, Arvesta



18:00 Networking drinks with street food & food bar






Optimized Route Planning for Efficiency, Sustainability and Cost Savings

Groenewout & Greenplan - Inspiration session –
(both members of EPG)

 Kasteel St-Michiels

 26-06-2024

The recommendations, advice and conclusions, mentioned in this report, are based on the information and data provided by client. Savings, operational costs and investment estimates are depending on the assumptions and preconditions stated in this report. All orders are accepted and carried-out according to the Groenewout Terms and Conditions 2012.

Dedication

+40

Highly Skilled and Experienced Team

Experience

+60

Years of Successful Consulting Practice

Global Reach

2

Locations In Europe's „Logistics Countries“ with further Expansion Planned

Knowledge Leader

+6,500

Successful delivered Projects

Track Record

+140

Started Projects in 2023

Part of EPG




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Global leader in smart logistics solutions

Some of our clients

 (Fine) Chemicals	 Healthcare	 E-commerce	 Logistics Service Providers	 FMCG & Retail	 Other Industries
					
					
					
					
					

Our consulting portfolio

 STRATEGIC	<ul style="list-style-type: none">• Feasibility studies• Warehousing tendering for building, logistics & IT	<ul style="list-style-type: none">• Distribution Network Studies• Global sourcing• Non Product Related Purchasing (NPR)	<ul style="list-style-type: none">• Organizational- & functional design• Business process (re-)design• Key Performance Indicators (KPI's)
 TACTICAL	<ul style="list-style-type: none">• Warehouse (lay-out) design• Plant (lay-out) design• Lean warehousing• Insourcing / outsourcing warehousing	<ul style="list-style-type: none">• Transport optimisation & tendering• Service Level Agreements (SLA)• Insourcing / outsourcing transport• Benchmarks	<ul style="list-style-type: none">• Sales & Operations Planning (S&OP)• Production planning• Collaborative Planning, Forecasting & Replenishment
 OPERATIONAL	<ul style="list-style-type: none">• Loss Prevention & Security (LP&S)• Facilities electrical, HVAC & temperature engineering	<ul style="list-style-type: none">• Location studies & site selections	<ul style="list-style-type: none">• IS selection & implementation (WMS/TMS/APS)• Inventory Management
MATERIALS MANAGEMENT		PHYSICAL DISTRIBUTION	
		SUPPLY CHAIN MANAGEMENT	

Transport advise & challenges

Distribution Network Studies, scenario modelling of costs & lead times

- Rate based modelling of parcel networks (express / road), Groupage, LTL, FTL, Modal shift
- Hub structure: How many? Where to locate? Linehauls (bulk) & Final Mile + impact on handling costs lead times

Transport Optimizations (dedicated transport)

- Route planning optimization / scenario's, e.g. retail chain with own transport for store deliveries and/or home deliveries
- Define scenarios; impact of change in network, fixed routes vs dynamic planning, impact on warehouse and on customer service
 - Stops, loads, conditions; define & run scenario
 - Resulting in routes, KMs, trucks / drivers => costs
 - Compare scenarios for representative days/weeks
- External challenges:
 - Conditions for route planning: inner-city time windows, CO₂ zones, traffic/congestion, ...
 - Others: ESG reporting, workforce availability & costs



GROENEWOUT
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