



Next Level Supply Chain Optimization with Horváth's NetCost Model

Capability Statement

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Companies must be prepared for transformation as various trends continue to disrupt the way business is done today!



Integrative Optimization

procurement, production, warehousing,
transportation, customer service, finance

Transparency

Constant information flow, real-time data

Market Dynamics

volatile demand, customer expectations



Network Complexity

suppliers, customers, material
flow, information flow



Sustainability

ecological awareness, sense of
responsibility, climate neutrality,
Supply Chain Law

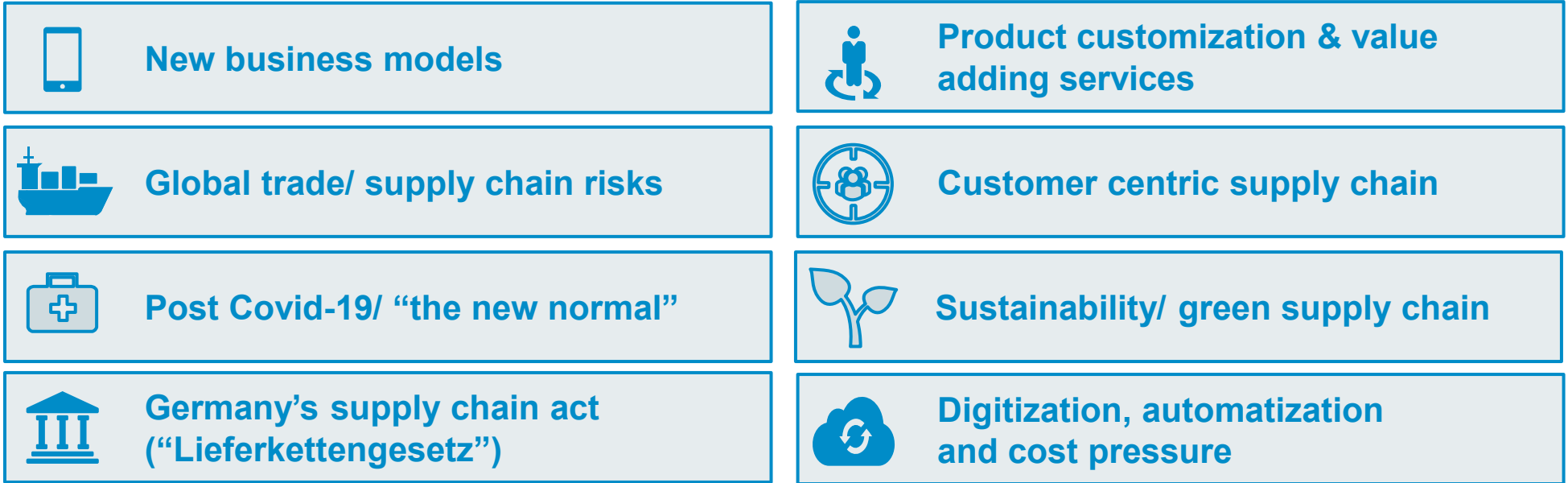
Resilience & Agility

rapid change, persistence,
adaptability, transformation



Especially the need for supply chain transformation has been intensified by latest economic trends and upcoming challenges

Drivers of Supply Chain Transformation



How companies need to prepare themselves for Supply Chain Transformation

BE COMPETITIVE

Efficiency and optimized costs level to strengthen the market position

BE RESPONSIVE

Flexibility to manage new or changing requirements in a volatile environment

BE SUSTAINABLE

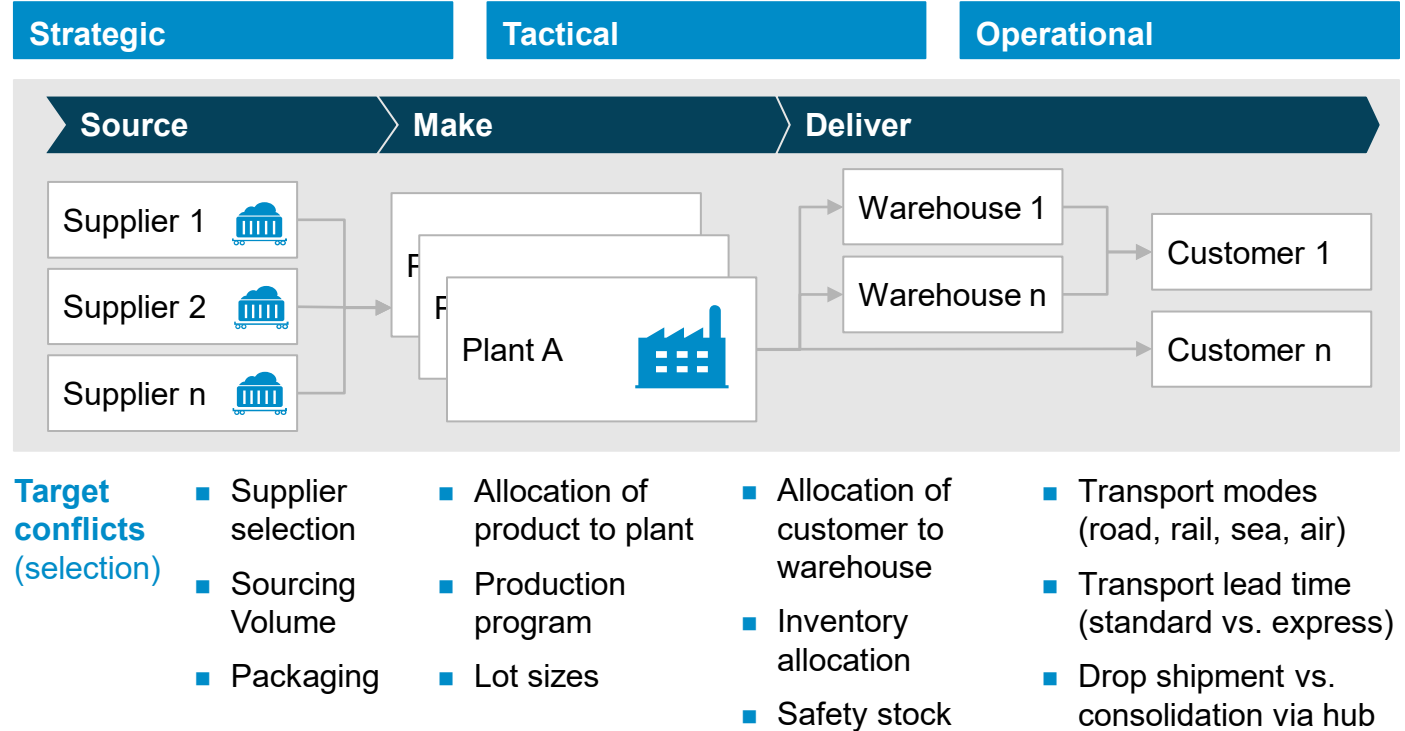
Ecological & social standards to act responsibly and sustainable

As global supply chain management is getting increasingly complex, conventional optimization reaches its limitations

Current Challenges

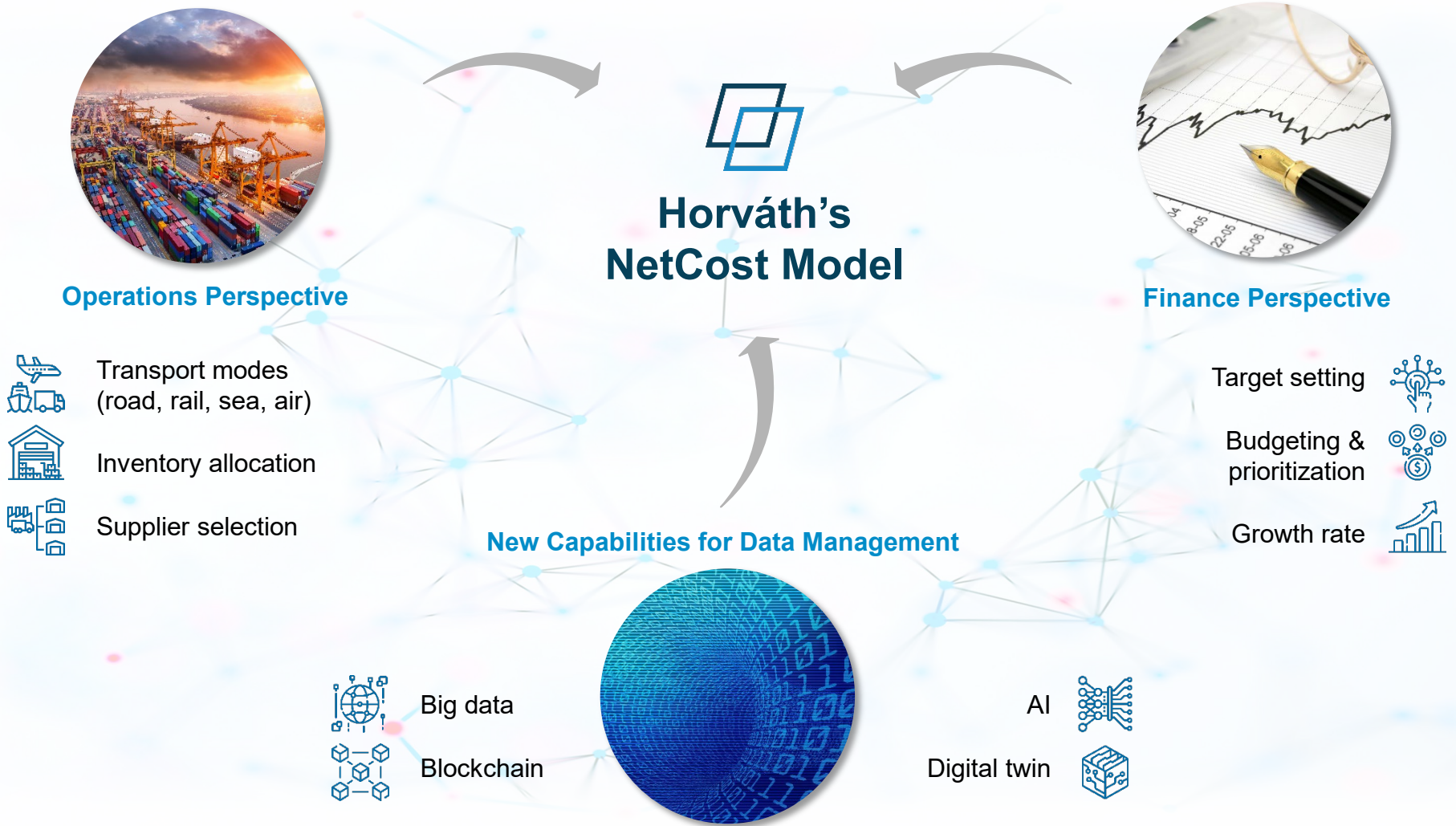
- High market dynamics**
 due to volatile demand and customer requirements
- Low transparency** on profitability implication in sourcing, production, logistics
- Silo-based optimization**
 due to order allocation without an overall perspective
- Complex network**
 requires advanced optimization

Supply Chain Optimization




Target conflicts and silo-based decisions along the value chain limit the optimization potential

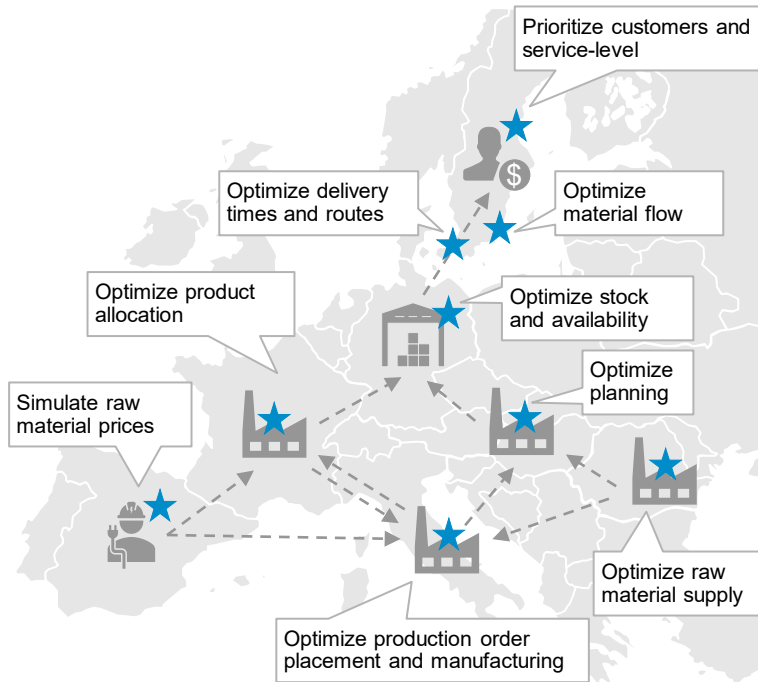
Horváth's NetCost Model facilitates transformation by integrating operations and finance data to achieve holistic decision making



Data-driven supply chain optimization based on true P&L effects for sustainable results

Operations Perspective

 Key challenges for Supply Chain Management and Operations



Next Level Supply Chain Optimization

 Optimization of conflicting challenges in supply chain management

Horváth & Partners' Netcost Model

Decision support based on financial impacts and real P&L effects



Financial Perspective

Profit Loss Statement 

Sales and sales deductions		
Net sales		
- Special direct cost sales		COGS
Standard cost	- Material cost	
	- Variable production cost	
	Contribution margin I	
- Fixed production cost		
Contribution margin II		
- Cost object variances		Period/functional cost
- Cost center variances		
- General and admin cost		
- Sales and marketing cost		
- R&D cost		
Contribution margin III		
+/- Other operating income/ exp.		
EBIT		

Next level supply chain optimization integrates operational constraints directly with a holistic financial evaluation to allow for optimum decision-making based on bottom-line impact!

A specific data model ensures that the cost calculation can be embedded in powerful optimization tools for the supply chain

Fixed Parameters

Base Parameters: *network elements, calendar years, currencies, ...*

Product Master Data: *products, hierarchies, BOM, weights, packaging type, inventory type, ...*

Customer/Supplier Master Data: *ship-to/ ship-from locations, logistics requirements, ...*

Network Master Data : *production plants,*

Variable Parameters

Demand Forecast: *per region, per market, location, per customer, by product/ item level*

Routing & Production Allocation: *production lines, material flow, utilization, availability*

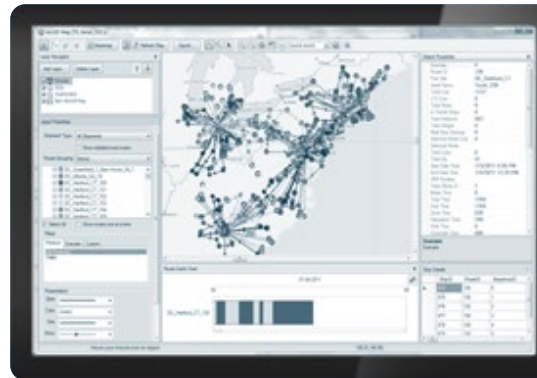
Supplier Selection & Parameters: *volume, weight, capacity/order constraints, lead time*

Transport Selection & Parameters: *distance, lead times, weight, packaging, carrier, ...*

Production Shift & Parameters: *#shift, h/week, HC/ FTE'S, overall equipment efficiency, ...*

Production & SC-related Costs: *Production*

Tool-Based Supply Chain Optimization



Horváth's Netcost Model

Production Network Cost

- Feasibility of volume allocations
- Capacity transfers/ make-or-buy effects

→ OPTIMIZE COST-TO-PRODUCE

S&OP and Fulfillment Cost

- Supply and demand planning
- Service levels and landed costs

→ OPTIMIZE COST-TO-SERVE

Sustainability/ Green Supply Chain

- Emissions and carbon footprint
- Energy and resource consumption

→ OPTIMIZE CARBON-FOOTPRINT

Working Capital

- Demand-driven inventory allocation
- Decrease of cash-to-cash cycle

→ RELEASE CAPITAL LOCK-UP

Solved target-conflicts by scenario-based decision-making integrating all functions along the supply chain

Perspectives



Supply Chain
with transparency
on global logistics
performance, etc.

Production
with transparency
on production
performance, etc.

Sales / CS
with transparency
on order fulfillment,
service-level, etc.

Finance
with transparency
of COGS, NWC,
financial KPIs, etc.



Horváth's Integrated Supply Chain & Financial View (NetCost Model)

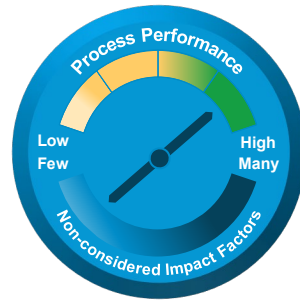
Derive steering impulses
through transparent KPIs
and interpretation



Solve target-conflicts
through integrated
assessment



Integrate different
perspectives for
decision making



Aligned KPIs and metrics
in Operations & Finance and
their impact on results



Fact-based simulation
of scenarios and their
financial impact



“Cost-to-serve”
“Carbon-Footprint”

Aligned decision making
based on the financial impact,
aggregated to P&L level

There are strong benefits for COO & CFO by investing in the HORVÁTH NetCost Model for SC Optimization

COO

Improved target achievement

The P&L-effect is the best KPI to align Sales, Procurement, Production and SCM to accept compromises in their targets

Increased profitability

The knowledge of P&L-effects for all measures to optimize the supply chain is a precondition to increase profitability

Improved supply chain performance

Optimization potential identified by full understanding of all mechanisms across the supply chain and transparent KPIs

Aligned functional perspectives

Different functional perspectives can be integrated into an aligned perspective to solve any target conflicts

Optimized steering impulses

Deep insights in supply chain scenarios and forecast by common interpretation of feasibility and impacts



HORVÁTH NetCost Model

CFO

Improved target setting

Better target setting by an integrated financial target logic in supply chain optimization

Consistent financial evaluation

Strategic, tactical and operational decisions rely on a consistent financial assessment methodology

Increased controlling performance

For every measure to improve the supply chain, financial data is available without additional effort

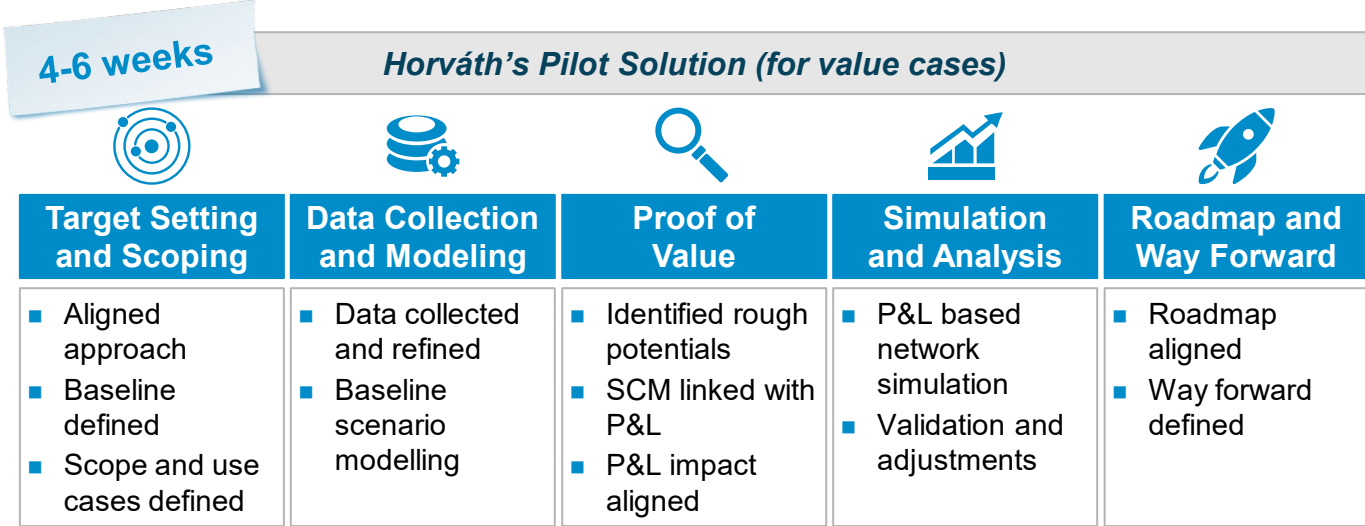
Intensified cooperation

Fostering business partner roles in finance and engage in mutual projects & initiatives

Proactive support of forecasts

Improved forecasts by involving Finance in the forward-looking process of supply chain scenarios

Our scalable “5-step piloting approach” requires a timeframe of approx. 4-6 weeks to derive prioritized optimization potentials



Horváth's Solution

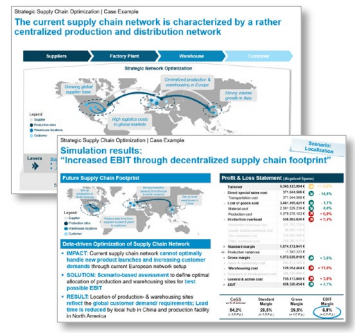


Continuous and integrative optimization



Horváth's NetCost Model

Project Examples



- Experienced NetCost Model implementation partner to minimize efforts and risk
- Potential cost savings between 8-14% achieved and approved
- Average project duration of 5 weeks to implement first value cases
- Projects in various industries (Life Science, Chemicals, Manufacturing, Automotive, Retail, etc.)



Your contacts at Horváth for any further questions or discussion!



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