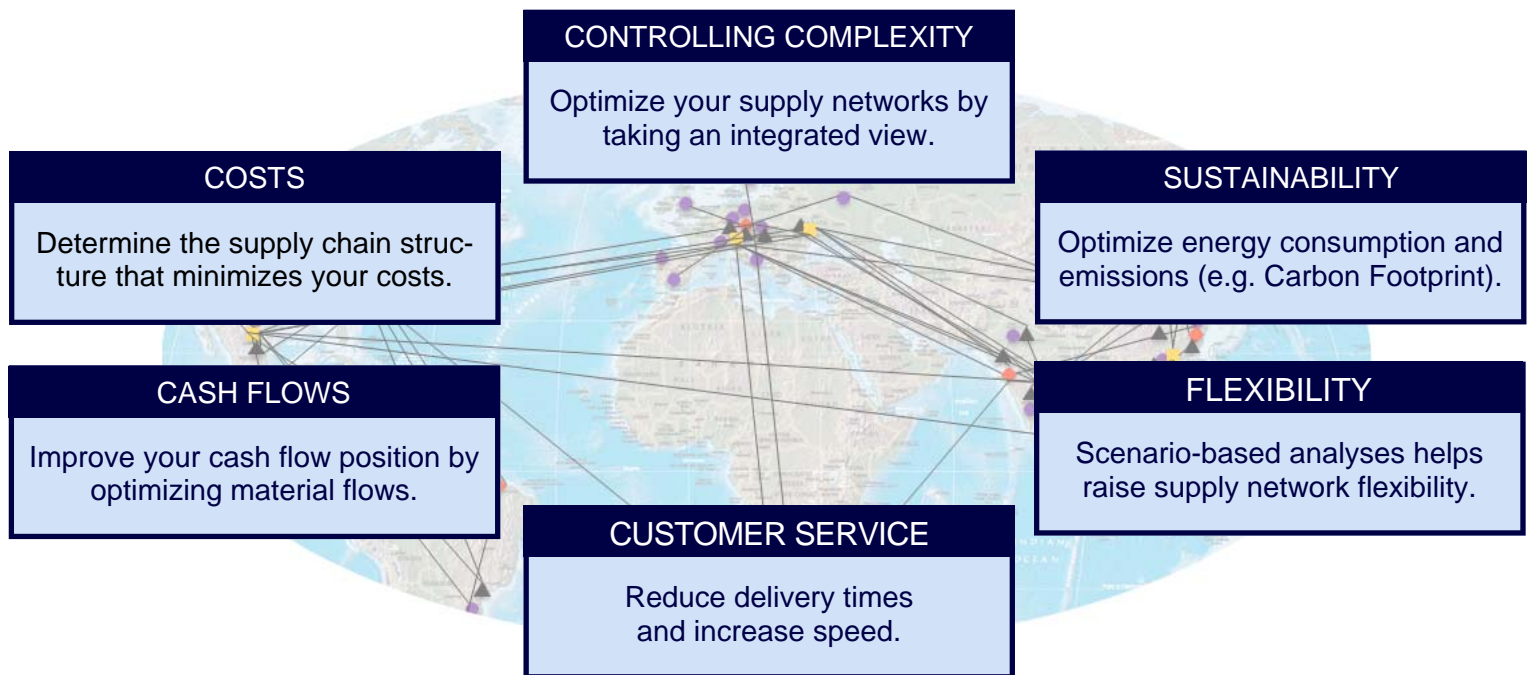


SC^{opt} – optimizing global supply chains

Can you answer these questions for your global supply chain?

- How do labor costs affect the optimal location of your facilities?
- What are the best suppliers worldwide for each location?
- How do currency fluctuations influence the optimal setup of your supply network?
- What is the impact of a new supplier on your CO₂ emissions along the supply chain?
- How does the supply chain structure influence cycle/delivery times?
- What are the effects of opening up new production sites on existing facilities?
- How do new facilities affect global material flows?
- How do transportation costs, duties, taxes influence the optimal setup of the supply network?

Problems are interrelated –
Changing parts of the network means changing the entire supply chain!



SC^{opt} – tool-based optimization of ...

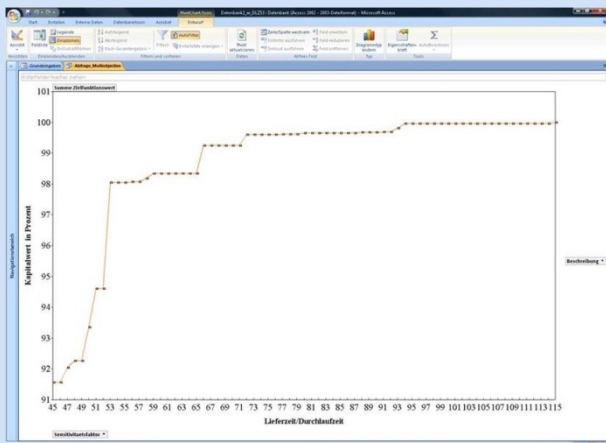
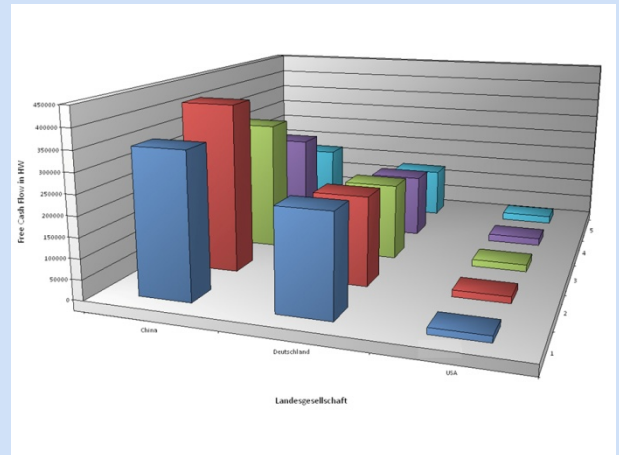
- supply structures
- distribution centers
- locations of production facilities
- investments in technical resources
- resource allocation of machinery, equipment and personnel
- logistics, transport and material/product flows

SC^{opt} – optimizing global supply chains

SUSTAINABLE COMPETITIVE ADVANTAGE

The economic environment is constantly changing!
 SC^{opt}: a new tool for optimizing your procurement-
 production-distribution network

Single and multi-level production, locations, customer
 markets / customers, supply markets / suppliers, logistic
 networks



HOLISTIC OPTIMIZATION APPROACH

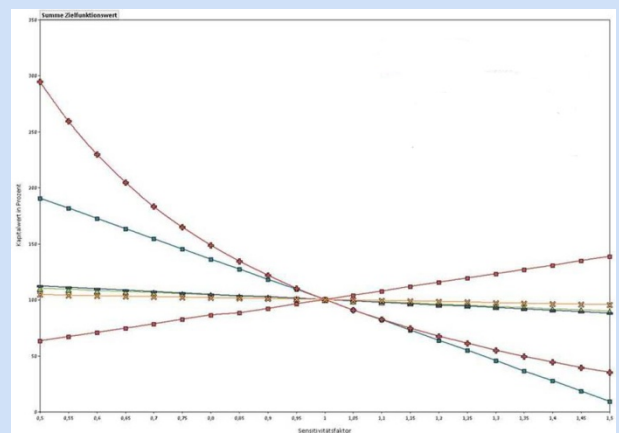
Profits, delivery/cycle times, CO₂ emissions:
 Simultaneous optimization of multiple objectives
 Enhanced decision support: Analysis tools and reports

Visual decision support by advanced graphics

IN-DEPTH ANALYSIS

Analyze the effects of diverse parameter modifications
 (exchange rates, labor costs, transportation costs, etc.)
 in detail and with visual support tools.

Determine core factors and performance drivers and
 their effects on the global supply network.



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