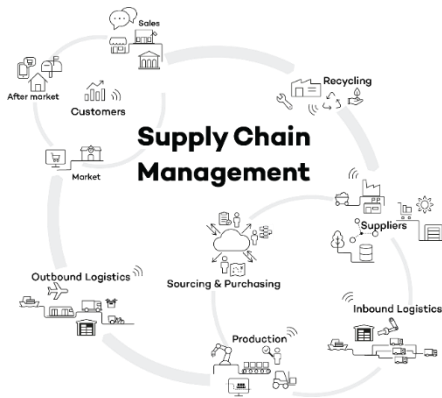


Supply Chain Management



SIMULATION



Content of the Offering:

Challenges: Achieve a high supply chain efficiency and Overall Equipment Efficiency (OEE).

Approach: Simulation-based management of material flows.

Outcome: Fact-based strategic and operative decision making and setup of efficient supply chain and factories

Challenge for the industry today

With complex and rigid processes and systems, management is often struggling to take fact-based decisions when making greenfield or brownfield investments and trying to adapt to changing market conditions whilst battling the global competition and being pressured to increase revenue and profitability.

Low supply chain performance and factory OEE is more often a reality than an exception when introducing a more diversified sourcing, assortments and distribution.

The industry is lacking the competence and tools to setup efficient and cost-effective solutions for the complete supply chain (sourcing, logistics, production, packaging, warehousing and distribution) and at the same time managing the market requirements for shorter lead-time, lower cost, increasing flexibility and customisation.

Service and Approach

We are specialists in material flow simulation modelling of supply chain, production, warehouses and logistics, with references and experience from client and projects in major segments and industries.

Simulation is a computer based method that enables analysis, visualization and optimization of complex real-world problems, solving them in a safe and efficient way.

Simulation is a visual and pedagogic tool for creating cross functional understanding and cooperation. The ability to model and analyse time critical events sets simulation

modelling apart from other methods, such as those using Excel or linear programming.

Using state-of-the-art simulation software and methodology maximizes the client's value in terms of simulation performance, data management, user friendly interfaces and documentation.

Our simulation services include:

- Pilots and case studies
- Simulation modelling and analysis
- Simulation tools and user-interfaces
- Specialist for hire
- Expert consultation
- Software and methodology education

Expected Outcome

The use of simulation enables fact-based decision making and efficient risk management when taking strategic and operative steps towards a sustainable future.

Simulation helps to explore system characteristics, increase performance and reduce risk by enabling management to experiment with what-if scenarios in an early stage and without disturbing an existing operation or before investing in new one.

Simulation-based management supports the setup of efficient supply chain and factories.

For more information contact
scm@afry.com