Supply Chain Weekly Blast **#012 : Tackling Disruptions in Supply Chains Veki**O

In case of disruptions, supply chain organizations must see the high-uncertainty environment as a prompt to rethink their supply chain strategies and operations, to build greater resilience.

Impacts

revenue

cost of goods sold

write-downs

stock

†3.1% **↓**2-3% **↓**32-46% **↓**11+% **↓**4.9+% capital expenditure

Steps

Redefining sourcing strategy.

Exploring onshoring opportunities and developing local suppliers — or the local footprints of international suppliers. Modifying contract structures to protect against short- and medium-term risks.

Revisiting footprint.

Optimizing manufacturing and logistics footprints. Using digital technologies and advanced analytics tools to exploit of data, and identify the trade-offs involved and making decisions that optimize end-to-end costs.

Reviewing inventory strategy.

Adjusting inventory strategies for the short term to **ensure business continuity** and to maintain service levels. In the medium term, reassessing safety-stock levels might also be required.

Preparing for drastic changes in demand.

Reinforcing forecasting capabilities so to **predict and manage the impact of changes in demand**. Increasing flexibility through greater use of outsourcing to deal with volatile demand.

Adjusting product portfolio.

There also can be the need to **adjust product development strategies** when driven by regulatory changes or by shifting consumer needs.



Strengthening capabilities and talent.

In order to be a more agile and flexible organization, **forecasting and analytical** capabilities, as well as capabilities to react quickly to market-shifts are necessary now more than ever.

Example: Brexit poses major uncertainty for supply chains—and this could persist for a decade or more.

by Rabin Sahu, Machine Learning Engineer at Vekia