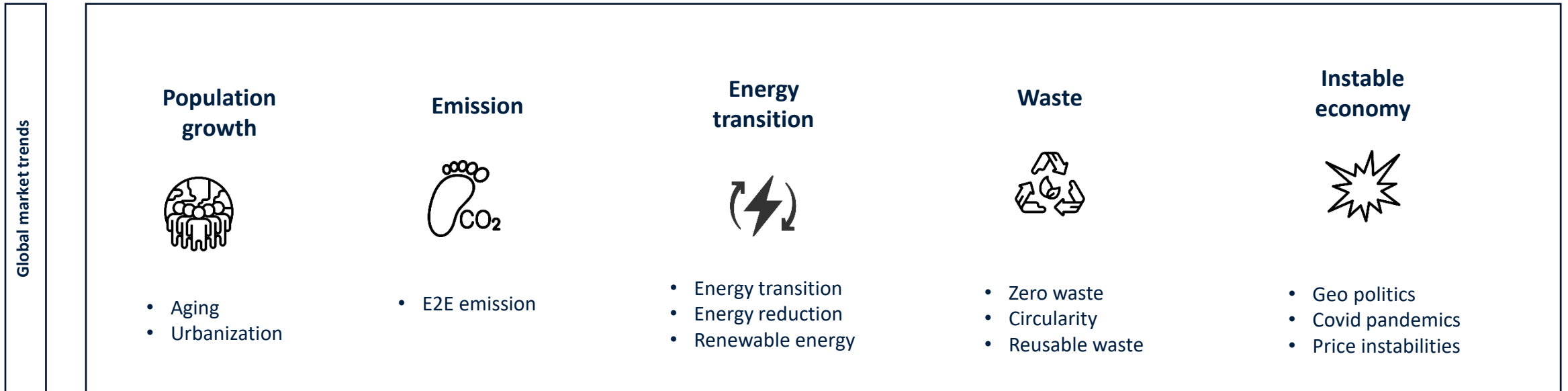


Supply chain resilience

AI zet uw organisatie in een
hogere versnelling

Supply chains are globally under pressure

By applying new technology and data companies can manage risks and work on opportunities



Digital twins can provide a solution to dealing with your supply chain challenges

Districon applies different technologies and methods to strengthen supply chains in delivering digital twins

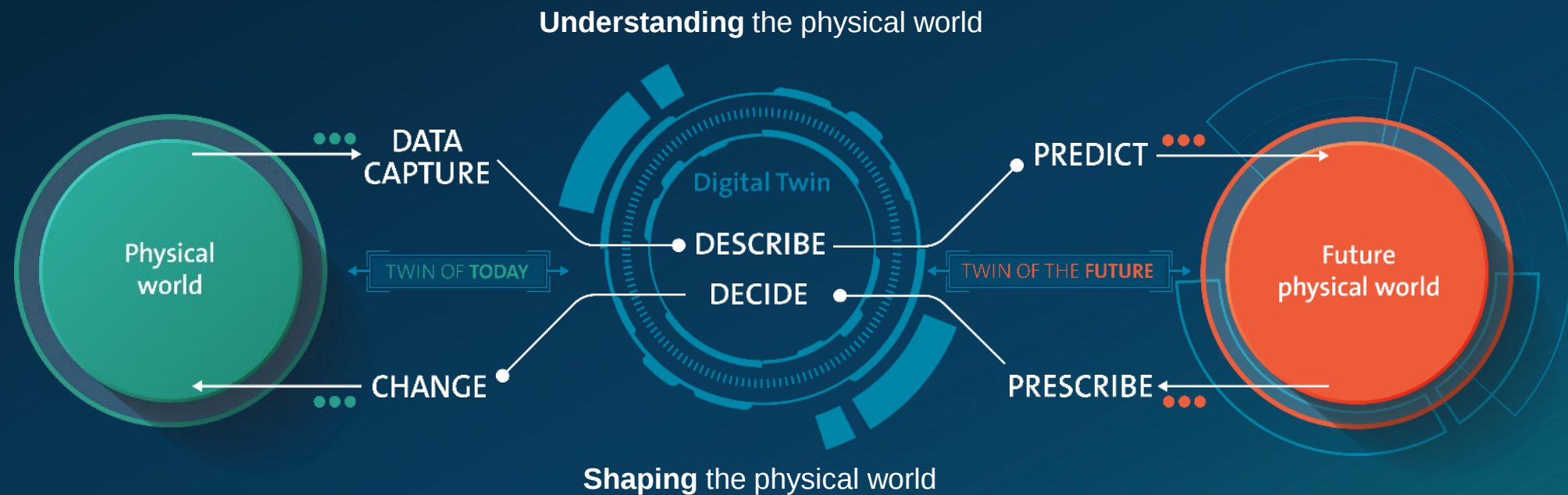


Our mission is to fuel your supply chain by using data & technology, always aligned with your processes and people.

We are convinced that well designed and fit for purpose digital twins will improve supply chain processes and planning. And, as a consequence, improve their business: revenues, costs, speed and reliability

We work agile, we improve your business step by step. Based on our in-depth industry understanding supported by advanced analytical tooling & smart data experts our efforts lead to direct added value

Digital twins as concept to provide guidance



...bringing together various concepts and technologies



ERP / MES /
historian



IoT



Other data sources
like weather,
GIS etc.



BI & Dashboards



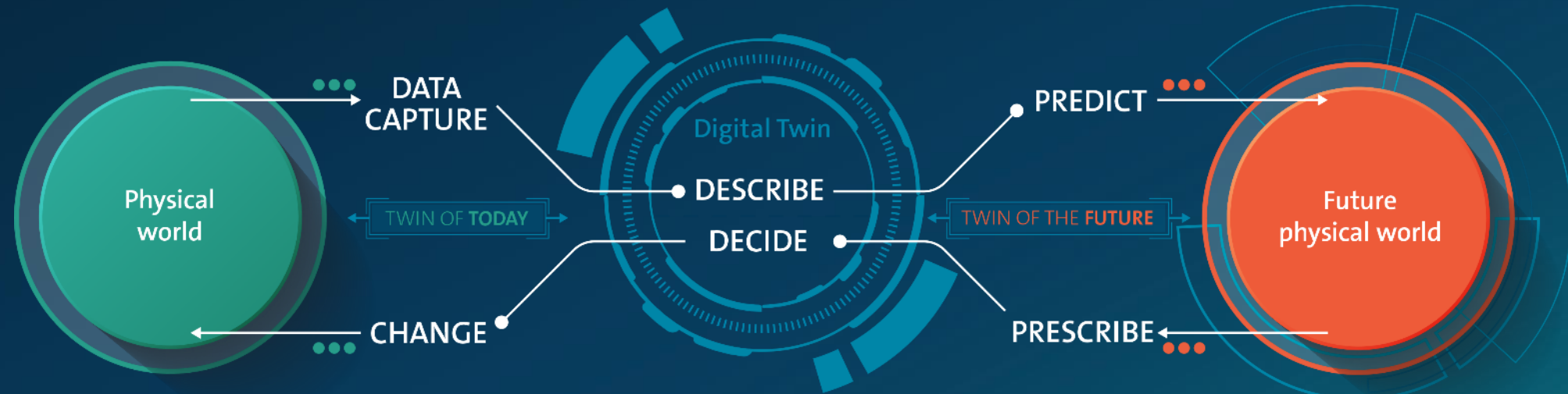
Predictive
simulation



Custom solutions in Supply
Chain & Logistics optimization

DISTRICON

a company of Royal HaskoningDHV



Alerts and
notifications



Machine-to-
machine
integration



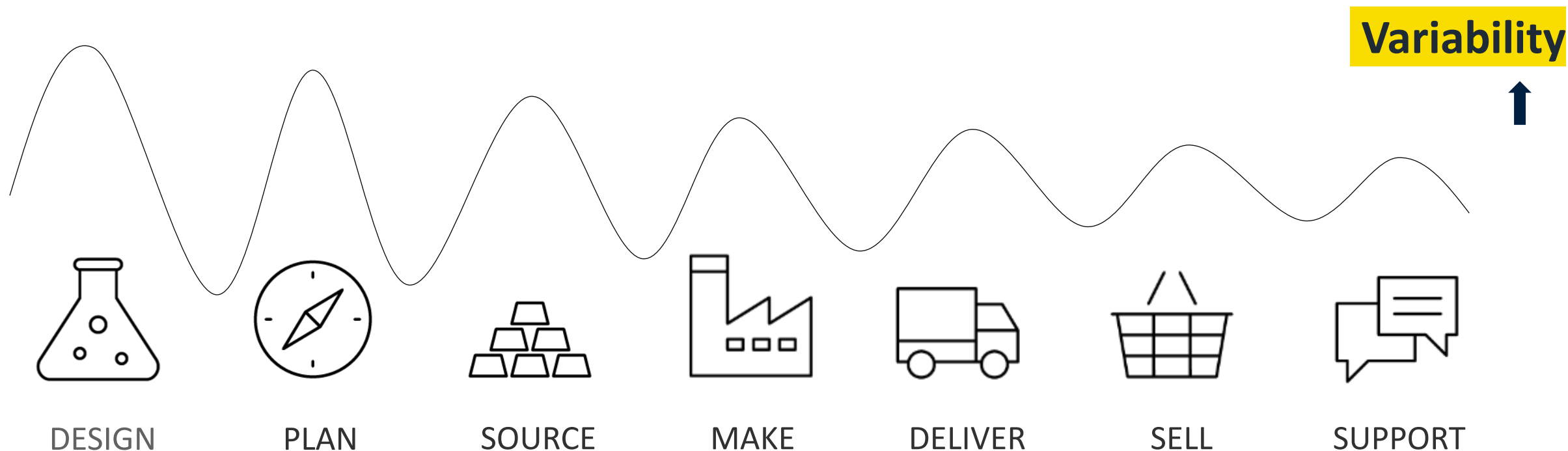
AR / VR



AI / ML
Applied Mathematics
Operations Research

Shaping the physical world

The reality of supply chains...

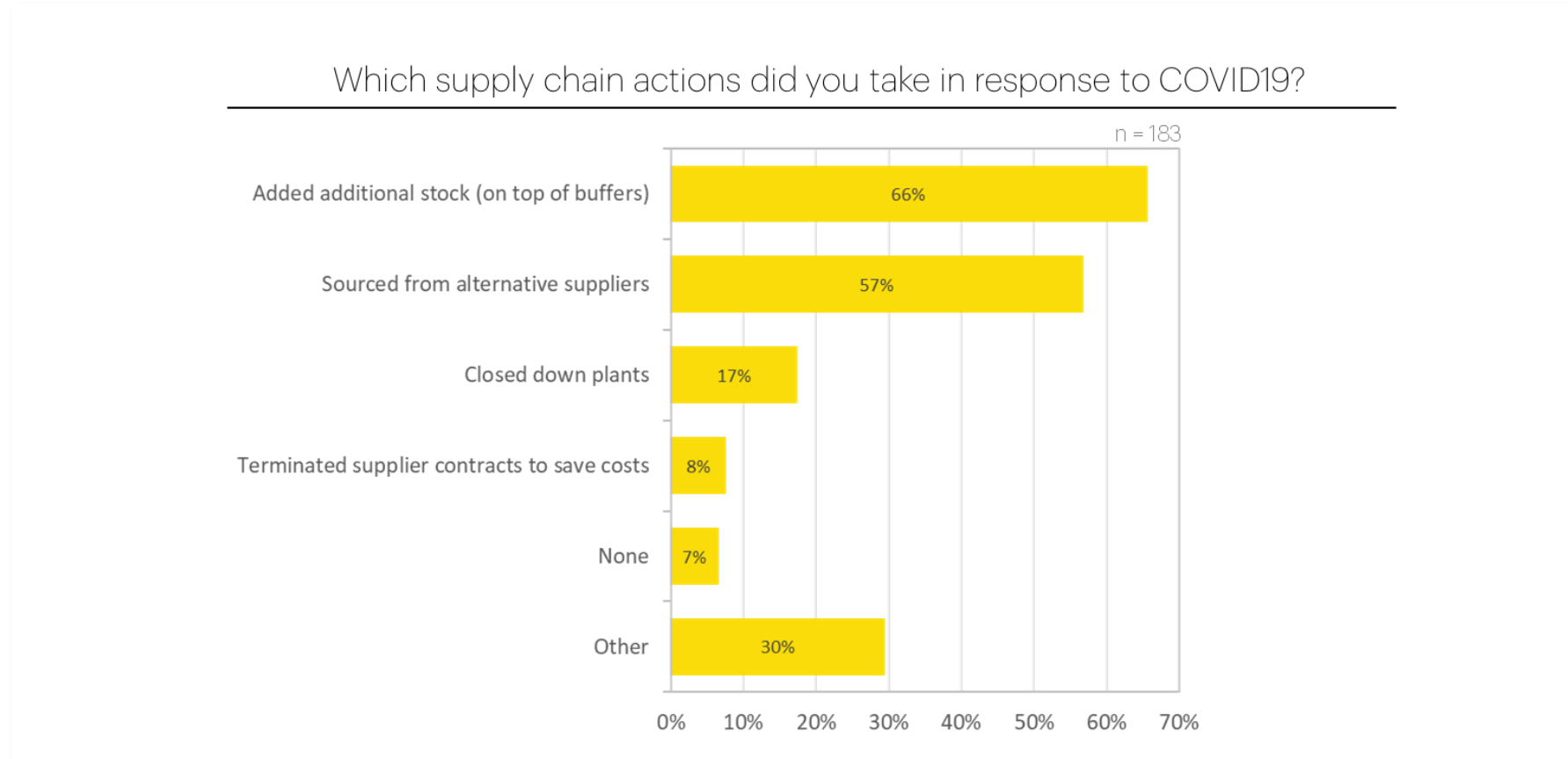


< Disorganization & Mismatched KPIs
< Lack of communication & Lack of Visibility

< Order batching / Large Production Runs
< Price variations / Promotion Planning

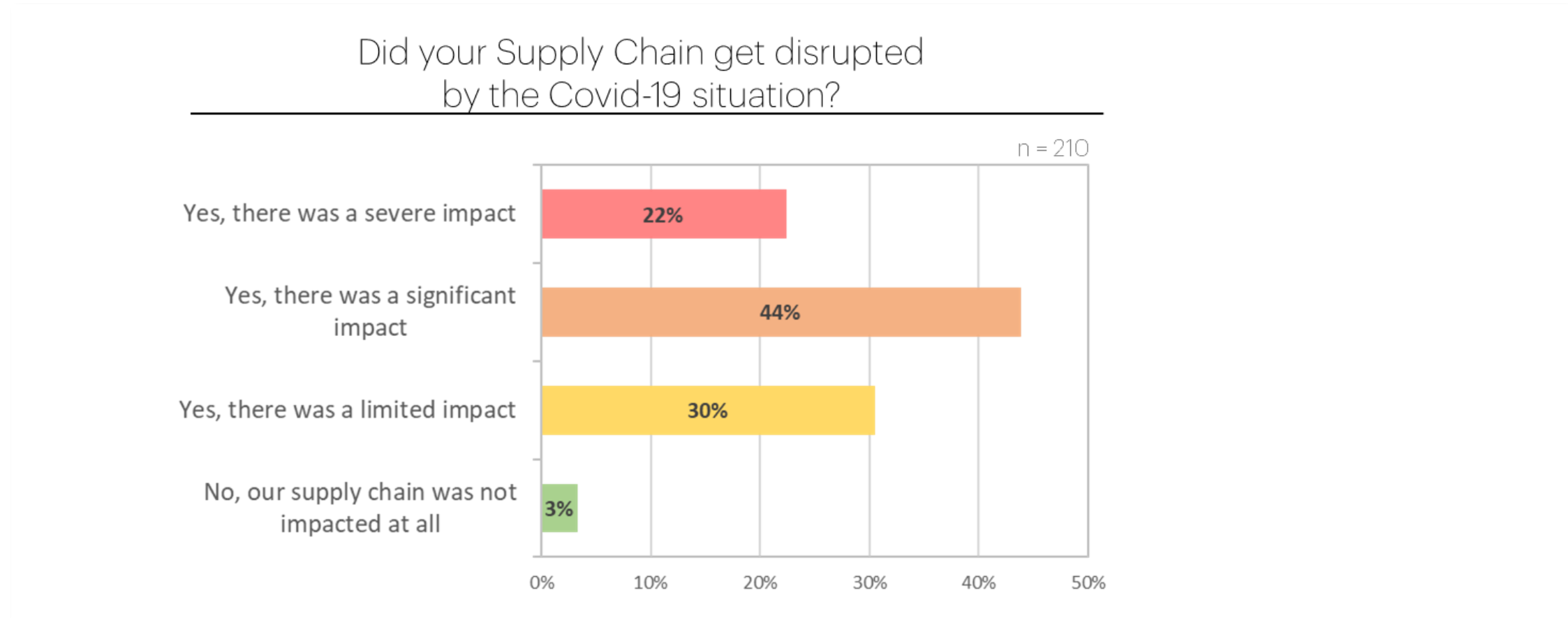
< Demand Information / Forecast Accuracy
* Jay Forrester, *Industrial Dynamics*, 1961

Which supply chain actions did you take in response to COVID19?



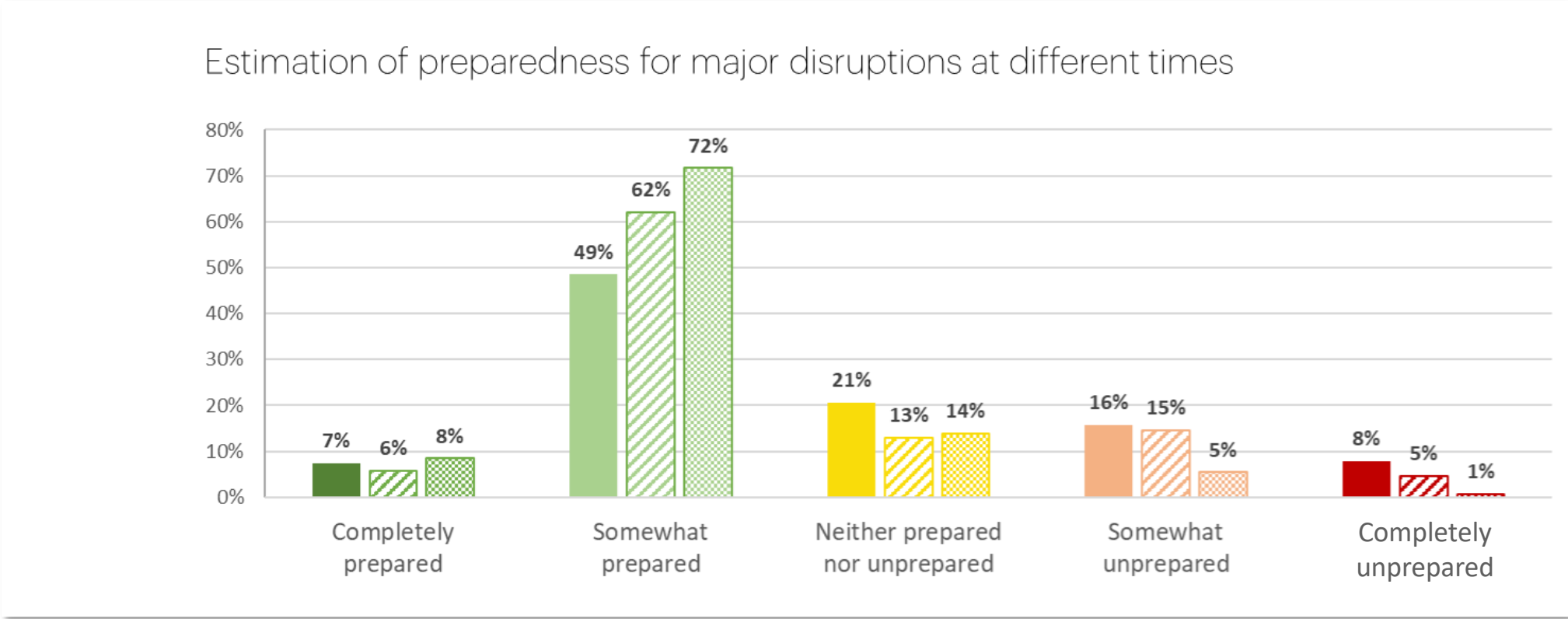
SC leaders respond with short-term actions, with negative long-term impact

Did your supply chain get disrupted by COVID – 19?



Supply Chains are disrupted by variability or shocks in demand or supply

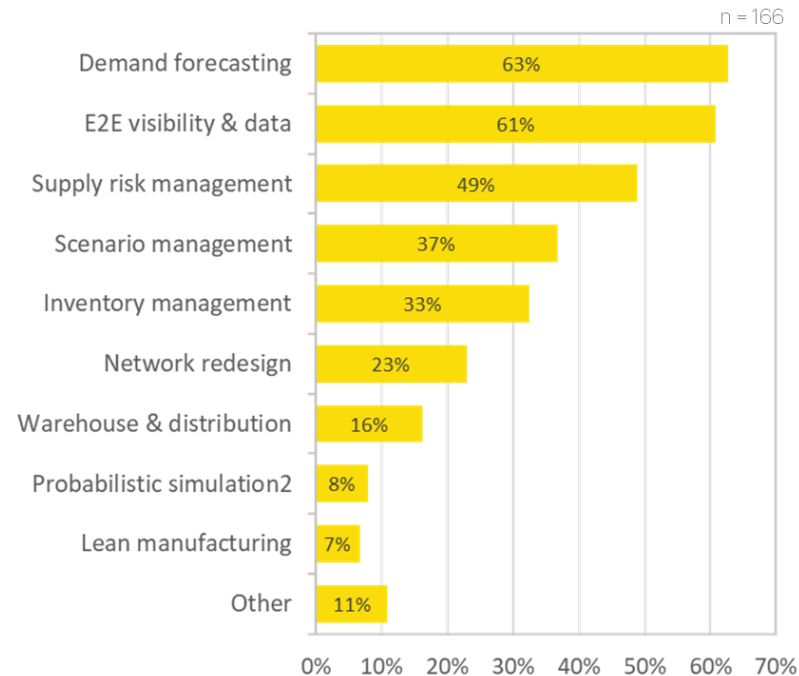
How prepared were you for disruptions happening along your supply chain?



Companies feel not better prepared for the next major disruption

What are your focus areas to strengthen your supply chain against future disruptions?

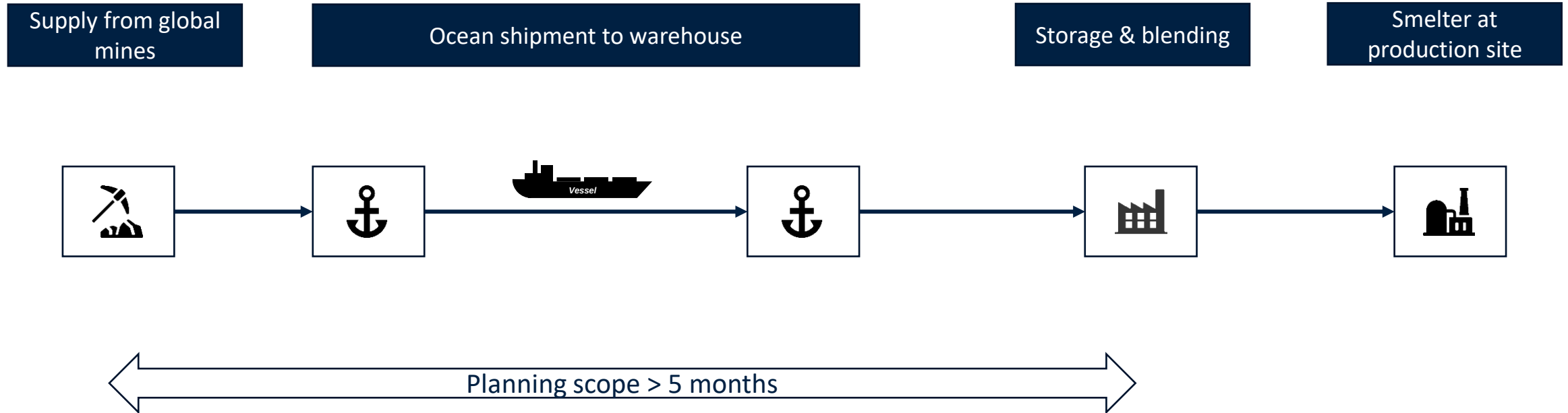
What are your 2021 Top 3 focus areas to strengthen your supply chain against future disruptions?



There's more focus on risk avoidance instead of opportunity creation

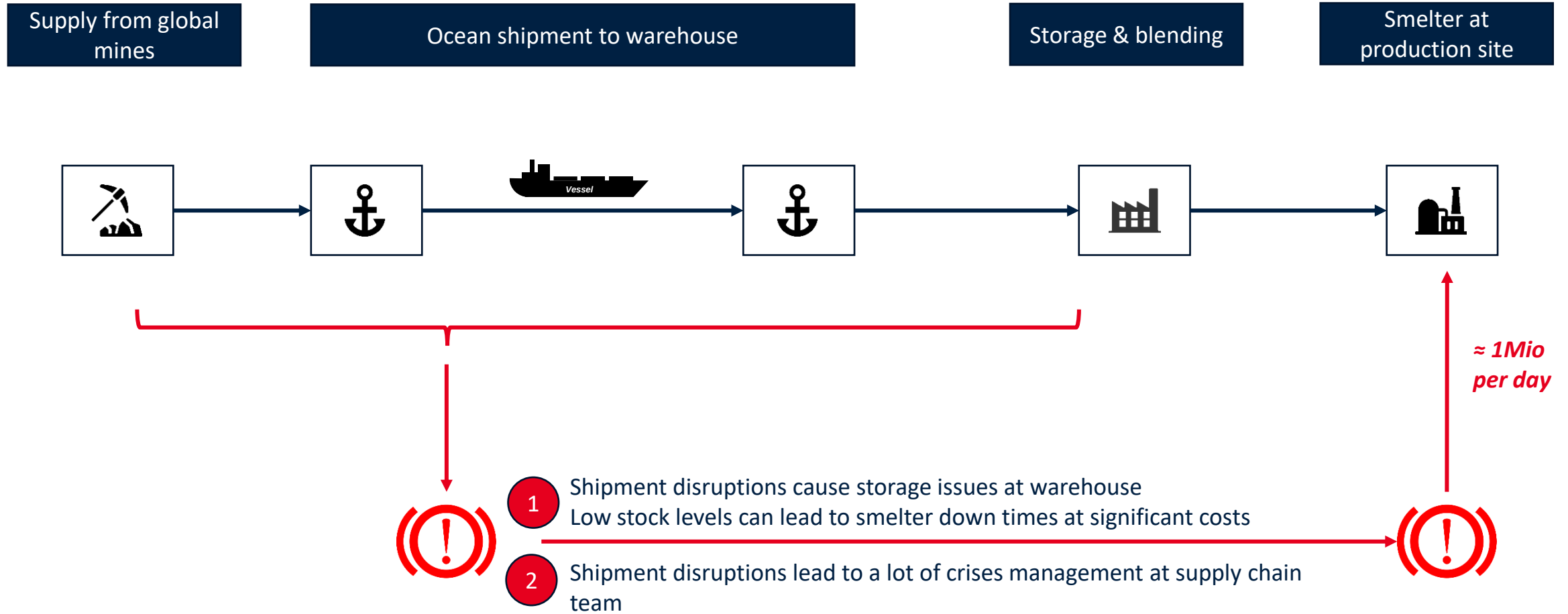
Customer ships supply from mines to warehouse

Planning horizon > 5 months



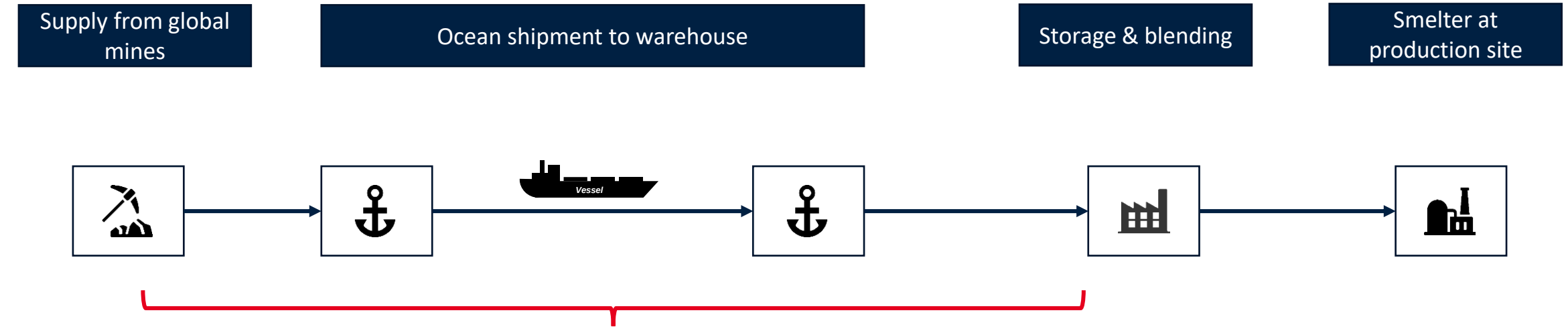
Customer ships supply from mines to warehouse

Planning horizon > 5 months



Customer ships supply from mines to warehouse

Planning horizon > 5 months



- 1 Operations: Departure, travel time, quantity, composition
- 2 Market disruptions, like Covid & geo political affairs
- 3 Severe supply chain incidents like Panama canal blockage

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