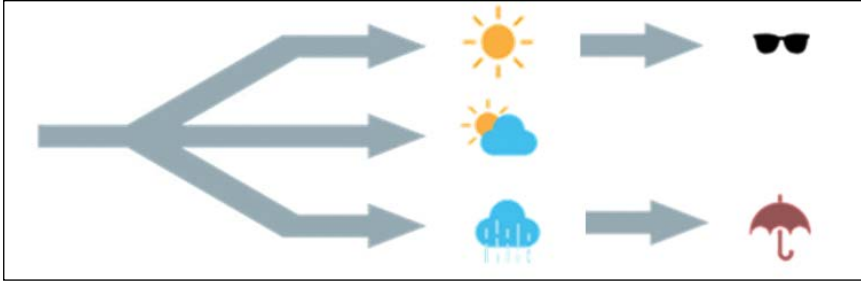


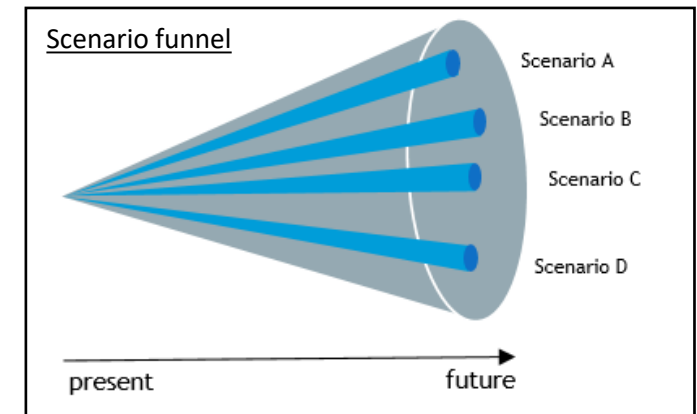
## D2.2: Report on future scenario generation



Future market developments force companies to adapt their organization and structure within supply chains. Early adaptation and reconfiguration of the supply chain is therefore crucial for companies to proactively manage challenges and use future developments as opportunities. The Deliverable 2.2 focuses on the generation of a future scenario field considering the political, social, economic, technological, legal and environmental influences and changes until 2030. The result of the Deliverable 2.2 provides six consistent and probable macro-scenarios that supply chains need to be prepared for.

The methodological approach of this work is guided by scenario prognostic and scenario-building of Gausemeier. Several steps have been processed to achieve consistent and viable scenario fields involving both, consortium partner and external experts. It includes following steps:

- Definition of projections until 2030 based on megatrends and trends defined in D2.1
- Evaluation of the impact of the projections on the supply chain via a survey
- Evaluation of the impact of the projections on other projections via cross-impact matrix
- Creation of projection bundles and selection of consistent scenarios based on a cross-impact balance analysis
- Expert-Workshop to validate the scenarios and to quantify their overall impact on the supply chain and its probability.



As a result, twelve different consistent scenarios have been identified ranging from very positive developments of all PESTLE dimensions up to rather regressing or stagnating developments. Those scenarios reflect different future states of the macro setting for the manufacturing, process and logistics industry. Scenario narratives detail the exact scenario settings and explain possible effects on the supply chain. A discussion within a visionary workshop with experts led to a selection of six scenarios based on its probability and impact on the supply chain.