

# INCREASING COMPLEXITY IN THE AUTOMOTIVE INDUSTRY

## **ConMoto Risk Management for Development, Planning and Production**

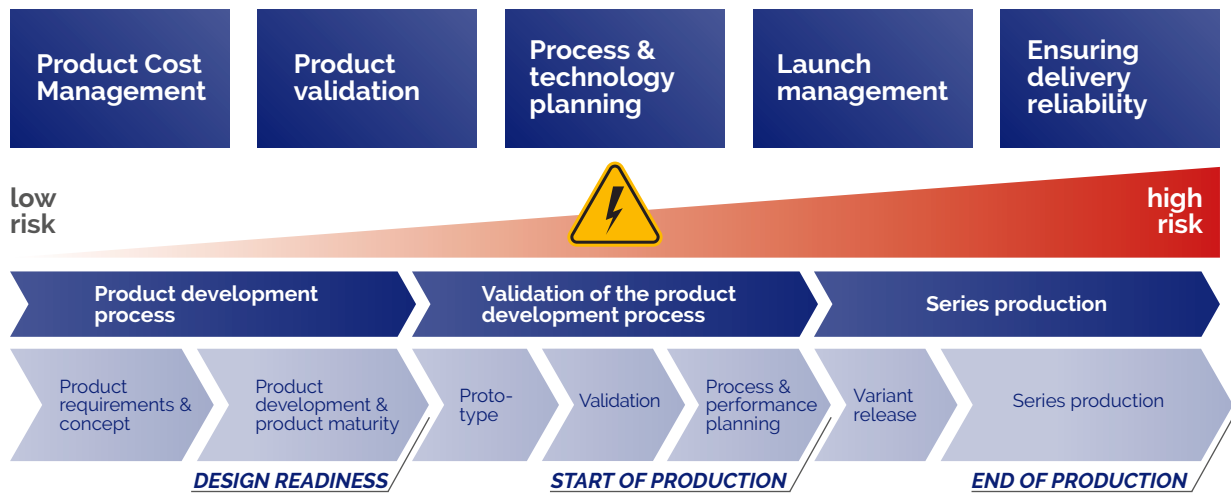
### **Why technological trends are changing cooperation between OEMs and suppliers**

Technological trends in the automotive industry are already changing how OEMs and suppliers cooperate in the short and medium term, increasing the complexity of supply and value chains. E-mobility and the megatrend of digitalization, which is already making interconnected vehicles and semi-autonomous driving possible, are increasing complexity, especially in product development and production planning.

As a result the quality of products and processes is increasingly becoming a problem in the automotive industry, as is demonstrated by the growing frequency of product recalls: The number of vehicles recalled to workshops for rework increased by seven percent in Germany and by as much as 18 percent in the USA between 2010 and 2016. ConMoto supports its customers

with comprehensive risk management both in the launch process of new products and in the stabilization of value creation processes along the supply chain. In doing so we consider the entire product lifecycle and bring together the perspectives of automotive manufacturers and suppliers.

## Preventive and reactive supplier stabilization in all phases of the product life cycle



In the world of e-mobility and a digital ecosystem for all vehicle, product lifecycles are becoming shorter and shorter. OEMs and suppliers must therefore shorten their innovation cycles accordingly. One answer is modularization in order to be able to react more flexibly to new requirements by adapting the value creation processes.

### ConMoto Task Force Risk Management for Critical Suppliers

- ▶ Preventive risk minimization by ensuring a robust launch process
- ▶ Reactive stabilization of critical supply processes by ensuring product quality and targeted output quantities
- ▶ Sustainable production excellence through optimized process management and a comprehensive operations management system

ConMoto projects accompany our customers from product development to series production aiming at time savings and cost optimization in production and simultaneous quality assurance.

### Transparency and stringent project management for OEMs and suppliers

We create transparency in the product development process for critical suppliers and take into account the requirements of OEMs and suppliers. Our stringent project management is the foundation for time-efficient action planning and the establishment of meaningful KPIs. Continuous improvements are already implemented during ramp-up. In series production itself, the focus is then on the long-term assurance of quality and the required delivery quantities. After internal changes, restructuring or product and delivery quantity adjustments our projects achieve stable production and supplier processes in the fastest possible way.

A functioning complexity management is the prerequisite for the transformation of production systems in the automotive industry. ConMoto supports automotive manufacturers and suppliers in building a high-performance network of value creation that increases profitability and thus generates the funds for investments in the business models of the future.

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