

IMPROVE COLLABORATION BETWEEN SUPPLIERS AND QUALITY DEPARTMENTS IN THE AUTOMOTIVE INDUSTRY

Quality assessment is crucial in the automotive industry, especially when it comes to third-party suppliers and product reliability.

Plastic Omnium relies on IVALUA to manage 8D and PPAP processes for tracking and resolving non-conformities and exceptions.



Key facts

9.5 B€

annual revenue

1 in 3

vehicles are equipped with a PO tailgates

150

plants in 28 countries

40 500

employees

4 months

Time-to-Market of the PPAP project

6 months

Time-to-Market of the 8D project

100%

of PPAP procedures covered

80%

of suppliers covered by 8D

Background

Plastic Omnium (PO) is a world-renowned automotive supplier specializing in plastic components that enhance the sustainability, safety, and attractiveness of mobility.

To ensure supplier performance and assess the risk level of its supply chain, the company has established its own business regulations and processes.

PO is required to adhere to numerous regulations and limitations established by its 93 customers, who are renowned global automakers, as well as regulatory authorities.

Objectives

- **Digitalize industry standards** to provide streamlined and efficient quality processes.
- **Integrate PPAP and 8D processes** into a consolidated supplier management platform to provide a single global portal to the suppliers.
- **Foster collaborative work** between suppliers and quality control managers to build transparent, trusted relationships.



Thanks to the Ivalua SRPM solution, we have strengthened the collaboration with our suppliers and ensured a data continuity between our information systems.

The integration of non-conformities, 8D and PPAP allows us to get a transversal overview with increased effectiveness and efficiency for different business communities inside our company such as procurement, risk, compliance and, of course, quality.

Guillaume Brunet
IT Project Manager
Plastic Omnium

WITH THE SUPPORT OF OJC CONSULTING, PLASTIC OMNIUM HAS FULLY INTEGRATED 8D AND PPAP PROCESSES IN IVALUA

Solution deployed

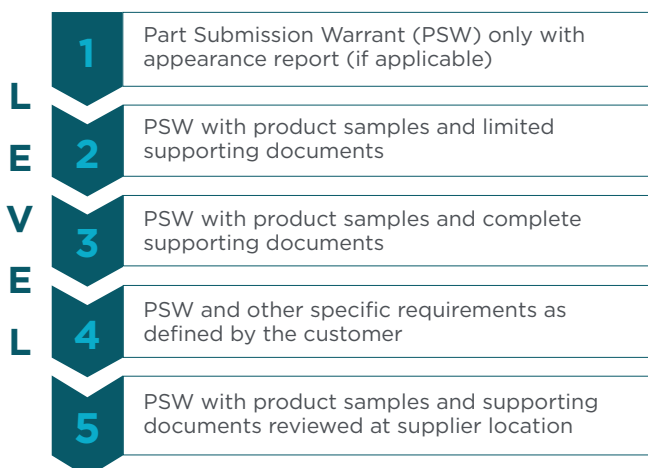
Plastic Omnium leverages the Ivalua SRPM module to effectively monitor and strengthen its supply chain performance.

Advanced use of questionnaires, progress plans and workflows allow them to approve the production processes of their suppliers and to handle anomalies and defects.

PPAP and 8D, two quality methodologies specific to the automotive industry, have been fully integrated in the Ivalua SRPM module.

PPAP: Production Part Approval Process

- The solution offers a versatile implementation based on pre-defined templates that users can customize, thereby establishing mandatory documents for each PPAP.
- Suppliers directly submit documents into the Ivalua solution, resulting in a streamlined and efficient process.
- The associated workflow provides a collaborative approach for creating, submitting, monitoring, signing, and ultimately approving the comprehensive global PPAP package.

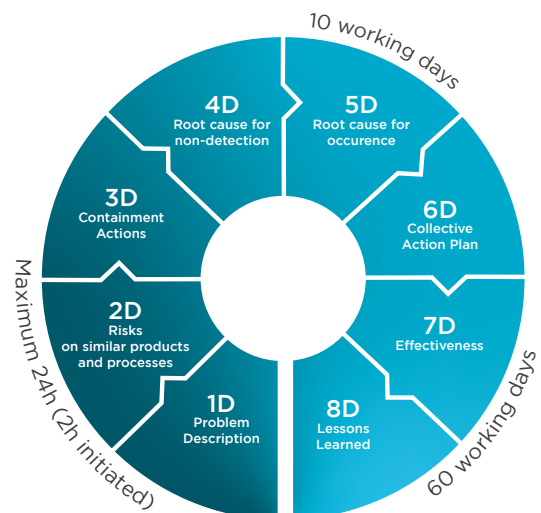


Benefits & results

- **Strengthening of supply chain resilience** through proactive supplier risk management.
- **Improvement of supplier quality** through comprehensive supplier performance monitoring.
- **Streamlining of procurement processes** to accelerate time-to-market.
- **Increased data accuracy and traceability** for regulatory compliance and product safety, which provide crucial insight for future business decisions.

The Eight Disciplines (8D) Method

A de facto standard in the automotive sector, the 8D process is a collaborative approach to problem solving in which internal and external users can document each step of the process to a defect:



- Exceptions are imported from supply chain system (SAP) to Ivalua.
- An advanced workflow configuration permits multiple levels of escalation and de-escalation.
- Advance report monitors exception resolution with analytic reports.