

Client case – Ford Motor Company, Belgium

Successful completed implementation project of mm-lab's PGMS

mm-lab GmbH is proud to announce that the project to implement a complete Proving Ground Management System at the Ford Lommel Proving Ground in Belgium is successfully finalized.

Ford Lommel Proving Ground (Ford LPG for short) is an extensive proving ground facility intended to simulate a wide range of road types and events, all correlated with the customer use cases. The proving ground has been operational since 1965 and with its 100 km of test tracks it is one of the largest proving grounds in Europe. Ford LPG offers tests within full durability, full corrosion, driving assistance technologies, electronics, performance and brake testing, NVH and vehicle dynamics. More than 10 million test kilometers per year of vehicle quality testing are performed.

This prestigious site has continuously been expanded and modernized based on market, technological and regulatory requirements. One of the latest improvements is the introduction of mm-lab's Proving Ground Management System (PGMS).

Further expanding its business offering test facilities, tracks and experienced driving assistance not only within Ford Motor Company but also outside Ford, the requirement for a Proving Ground Management System managing the full business process from booking to billing was inevitable. A corporation with mm-lab to implement their highly sophisticated and modern turn-key solution started in 2019 and went into operation in several project phases. Despite a wide range of configuration options, customizing development work was necessary to meet the challenging customer requirements. Too, the embedding of PGMS in the Ford IT environment and the connection to existing upstream and downstream systems was solved to the satisfaction of all parties involved.

The PGMS installation is being expanded step by step with additional functions and is constantly being developed further. While the focus to date has been on improving safety and organizational processes on the proving ground, the enhancements focus on even more detailed support for the various test sequences.