



ISO 8800

Transforming AI in the Automotive Industry

What is ISO 8800?

ISO 8800 is an **international standard** designed to ensure that **Artificial Intelligence (AI) systems in vehicles** are developed, tested, and operated with the **highest levels of trust, security, and safety**.

- 01 It offers clear guidelines for **achieving Functional Safety (FuSa) in systems that integrate AI** and machine learning components.
- 02 It ensures the **safe deployment of AI technologies**, meets regulatory compliance, and safeguards that AI systems perform as intended.
- 03 It **boosts consumer confidence** while driving the future of mobility.

For systems that do contain AI models, it is essential to apply **ISO 8800** in combination with **ISO 26262 series to ensure safety of the system**.

Why ISO 8800 Matters?

- ▶ **Reduces Risks:** combined with ISO 26262, it addresses specific challenges of AI technology, bringing structure and confidence to AI in safety-critical applications.
- ▶ **Enhances Consumer & Business Trust:** it protects brand reputation while driving next-gen mobility innovation, demonstrating strong commitment to safety and security.
- ▶ **Boosts Safe AI Deployment:** it facilitates reliable AI integration into vehicle systems, enabling the safe deployment of AI in autonomous and Advanced Driver Assistance Systems (ADAS).

DEKRA ISO 8800 Services

Training

Our ISO 8800 training covers foundational AI concepts, key regulations and requirements of the standard, in different levels of depth and adapted to different learning objectives.

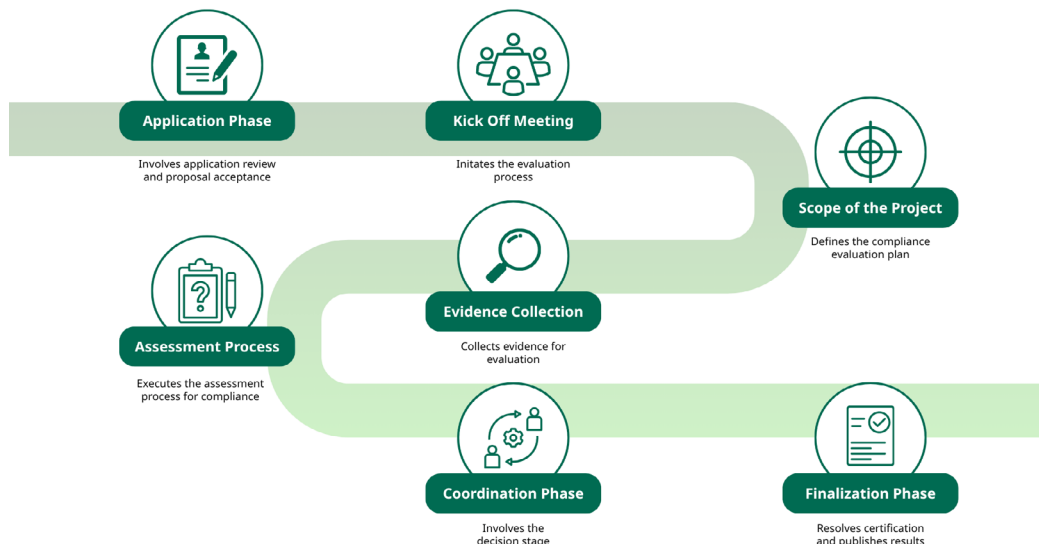
Assessment & Certification

As an independent third- party laboratory, we conduct assessment and issue certification upon successful completion.

Testing

Our AI testers ensure and verify that all safety-related properties of the AI system meet the security requirements, for ISO 8800 compliance. Tests are conducted following the most relevant ISO standards, such as ISO 24027, ISO 24029 and ISO 5259.

The Certification Journey:



DEKRA, Your Trusted ISO 8800 Partner

As AI continues to transform the automotive industry, ensuring the safety and reliability of AI-driven systems is key to protecting lives and enhancing consumer trust. With over **100 years of expertise in the automotive industry**, DEKRA is your trusted partner for ISO 8800 compliance.

Proven Expertise:

Recognized automotive safety knowledge, combined with extensive FuSa and AI expertise.

Quality You Can Rely On:

Independent, accredited testing and assessments services trusted worldwide.

Client-Focused Support:

Continuous support and monitoring during and after certification.

Contact us now!