



Automotive Compliance Suite

Pathways - and associated costs - to achieve
regulatory compliance



As key automotive markets either enact new CO₂ and fuel efficiency regulations or re-consider existing ones, automakers are struggling to become or remain compliant. Assessing and achieving regulatory fleet fuel economy compliance can be complex, multi-dimensional, and costly. Car manufacturers and suppliers need new insights and intelligence to balance powertrain research and development efforts with market demand against a backdrop of changing business models. For automakers, closing the gap to compliance is critical – for suppliers it's a new opportunity.

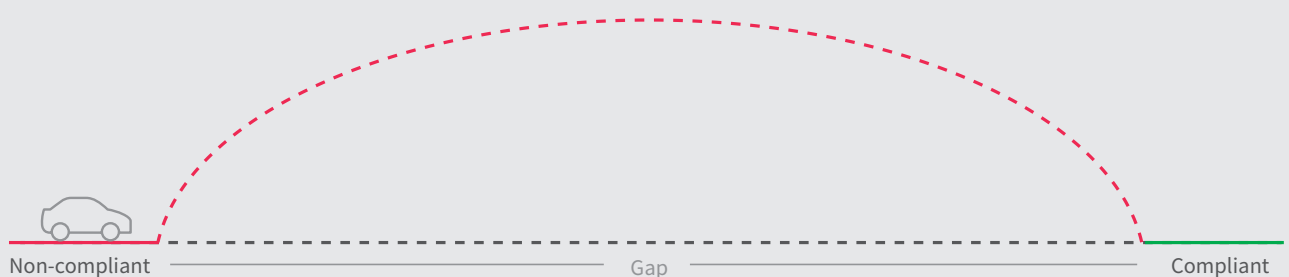
As new regulations
go into effect,
53%
of automakers are expected
to miss compliance targets* in
2020 – resulting in huge fines

*US, EU, China

[†]This calculation is not made on a sales volume basis.

It also does not include full application of region-specific credit allowances (such as off-cycle and Eco-Innovation)

Assess, close, and understand the costs of the compliance gap



The Compliance Suite from IHS Markit provides comprehensive data and analytics to assess gaps and fines, illustrate pathways to compliance, and outline the corresponding costs.

Compliance Suite Modules

(EU) COMPLIANCE+

**How far is a fleet from compliance?
How much are the associated fines?**

Identify the gap between the current fleet mix and compliance regulations. Gauge current and future fleet-average position and assess the fines associated for non-compliance.

*For the United States, this functionality is included in Compliance Tech



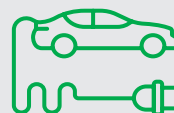
An automaker is on a trajectory to miss CO₂ compliance targets by 15 g/km with associated fines of €155 million

COMPLIANCE TECH

What technologies can help close the compliance gap?

Apply various “force compliance” options based on IHS Markit pre-defined pathways and see the likely outcomes. Pathways to compliance include:

- Mechanical
- Electrification
- Fleet mix & credits



After evaluating many options, the automaker identifies the most effective solution to achieve compliance: Increase the fleet share of electrified powertrain by 10.8%

COMPLIANCE CO\$T

How much will pathways to compliance cost?

Enables financial planners to understand the overall investment of the technology required for achieving compliance based on the three specified routes outlined in the Compliance Tech module.



With a path to compliance identified, the automaker assesses the associated costs of electrifying the fleet: €50 million, an increase of 11.6%

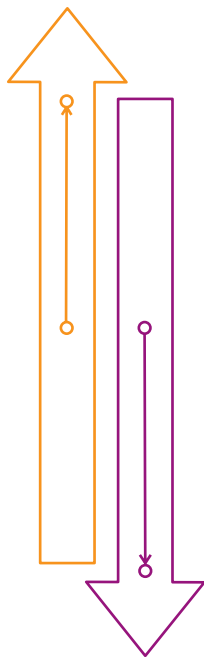
Result

€155 million in fines vs €50 million in investment costs

Assess, close, and understand the costs of the compliance gap



54.5 MPG by 2025[†]



**37.5% reduction of CO₂
between 2021-2030**

[†]Based on current CAFE regulations for light-duty trucks and passenger cars.

Contact us today and discover how the IHS Markit Compliance Suite can help you achieve your compliance goals.

automotive@ihsmarkit.com

ihsmarkit.com/autocompliance

About IHS Markit

IHS Markit (NASDAQ: INFO) is the automotive industry's leading source for marketwide insight, expertise, and advanced planning solutions. With a reputation of enabling better decisions and better results for nearly a century, the world's leading OEMs, suppliers, and their transportation partners rely on IHS Markit to power growth, improve efficiency, and drive a sustainable competitive advantage.

Our automotive offerings and expertise span every major market and the entire automotive value chain — from product planning to marketing, sales, and the aftermarket. Headquartered in London, our automotive team is part of IHS Markit's information and analytics powerhouse that includes more than 14,000 colleagues in 34 countries, covering energy, chemical, aerospace & defense, maritime, financial, technology, and media & telecommunications.

For additional information, please visit www.ihsmarkit.com or email automotive@ihsmarkit.com

CUSTOMER CARE

NORTH AND SOUTH AMERICA

T +1 800 447 2273

+1 303 858 6187 (Outside US/Canada)

EUROPE, MIDDLE EAST AND AFRICA

T +44 1344 328 300

ASIA PACIFIC

T +604 291 3600

E CustomerCare@ihsmarkit.com