To comply with emissions targets, OEMs must consider all options, including new materials that reduce vehicle mass. Additionally, OEMs and suppliers need to examine new construction materials and techniques to reduce costs, ensure greater cradle-to-grave sustainability, and support innovative design features.

IHS Markit’s Materials and Lightweighting Service provides insight, context, data, and analytics for the key technologies that are reshaping the materials used in car and components production.

Topics covered:

- Weight reduction and joining techniques
- Material changes (e.g., plastics, carbon fiber, aluminum, alloys)
- Recyclability

Planners and strategists use the service to
- Assess the evolution of materials used in a vehicle’s architecture
- Analyze how the competition is advancing weight reduction strategies
- Get an assessment of what has succeeded
- Understand OEMs’ purchasing strategies
The Materials & Lightweighting Service is part of a suite of vehicle contenting services. Delivered through AutoTechInsight, an IHS Markit automotive strategy and planning solution, the service provides a view into current automotive trends and future demand through

- Sector news and insights
- Topical reports
- Supplier profiles
- CFA-Relations (OEM-Supplier relationships, both analyst and survey-based researched databases)
- Access to analysts and webinars

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