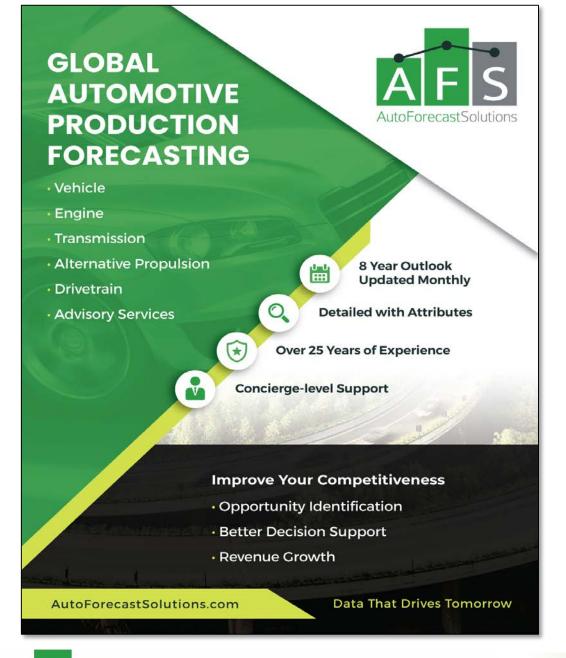


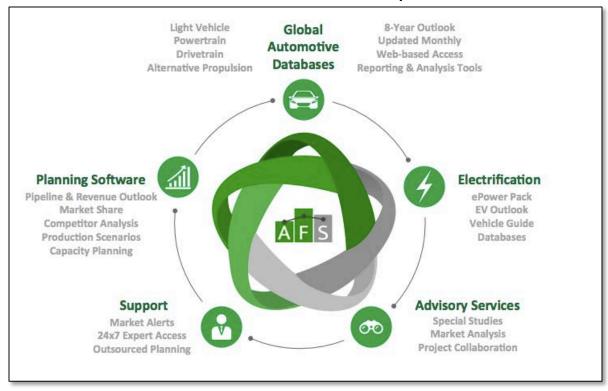
AFS Services ePower Pack Suite

Joseph McCabe, President 855.734.4590 ext. 1001

jmccabe@autoforecastsolutions.com



AutoForecast Solutions (AFS) is the only fully integrated solutions provider of vehicle, powertrain, and drivetrain production forecasting, business planning software, and advisory services to the global automotive industry.



AFS helps our customer...

Understand the opportunities

Develop a value proposition to defend core operations

Identify areas for growth.

AFS ePower Pack 2019

AFS ePower Pack Guide



Supplement to the AFS ePower Pack Global Production Outlook

A comprehensive view of the past, current, and future global automotive electrified market

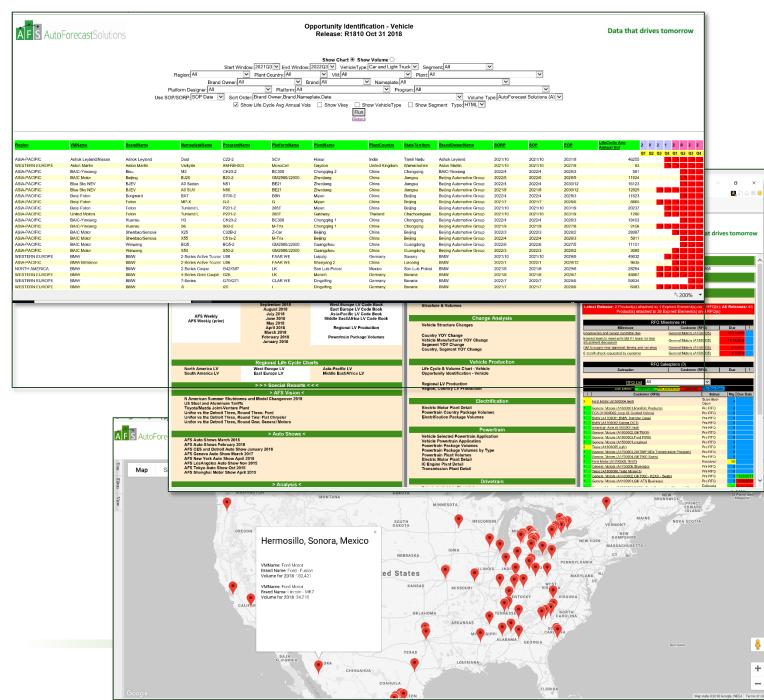






Includes: Images, specs, details, and more!





AFS Services – ePower Pack subscription

AFS ePower Pack Electrified Outlook

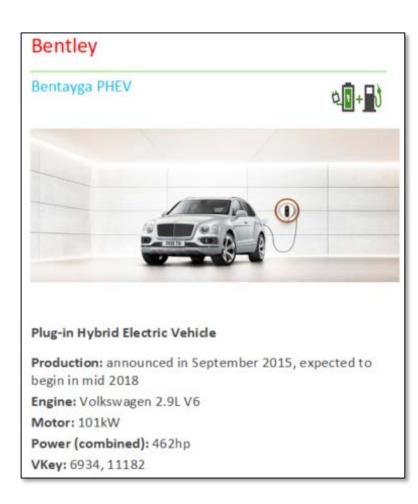
- 12-month access to the global ePower Pack light vehicle forecast
 - Detailing every electrified light vehicle built globally:
 - VM, Platform, Program, Brand, Nameplate, Plant, Start of productions / End of production
 - Updated monthly with actuals and new production outlook through 2026
- Full suite of user-friendly reporting and analysis tools
 - Sample report of the Opportunity Identification on the following slide
 - Vehicle production detail by powertrain variant, timing, and volume

AFS ePower Pack Guide

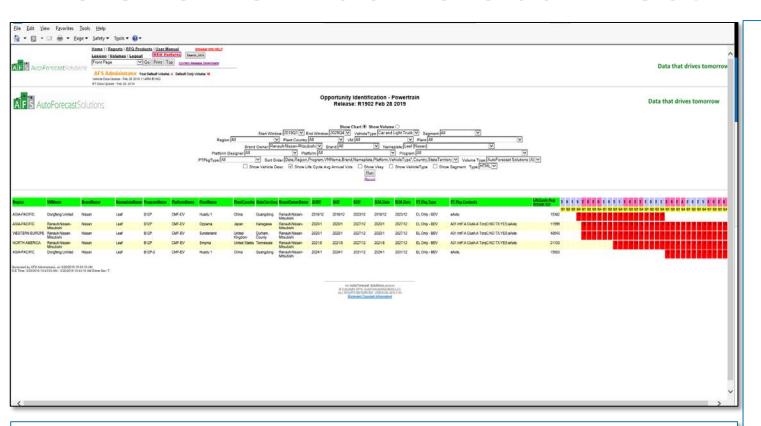
- 1000+ page report guide of every electrified light vehicle worldwide, through 2027
- Glossary and industry definitions
- Images, specs, motor position, and much more
- Use in conjunction with ePower Pack Electrified Outlook
- Sample data provided upon request and commitment to learn more about the total AFS Services

AFS Market Alerts

- Sent weekly, monthly, and periodically based on content
- Additional details further in this document



AFS ePower Pack Global Electrified Outlook



Opportunity Identification Reporting by Powertrain Type:

- Vehicle assembly detail, location, and electrified powertrain variants
- Average annual production volumes and graphic of lifecycle
- One of many reports available in the user-friendly, web-based interface

AFS ePower Pack Electrified Outlook:

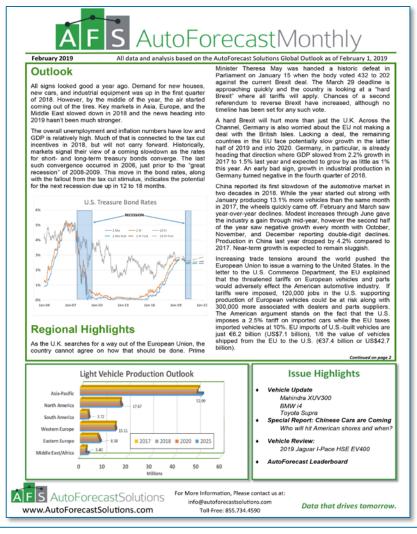
Vehicle/Powertrain Database: Access to the global view of every electrified light vehicle built in the past, currently, and into the future through 2027

Opportunity Identification: User-friendly, web-interface to report, analyze, and extract vehicle data by powertrain detail. Filter, sort, and download to Excel.

Frequency: Updated monthly, including variance analysis and industry market alerts to stay informed to improve competitiveness

Support: Direct access to the AFS data team members, each with over 25 years of automotive forecasting experience.

AFS Market Alerts: AFS Monthly



AFS Monthly Includes:

This monthly distributed document highlights the key issues impacting the AFS global automotive production forecast.

TOPICS INCLUDE:

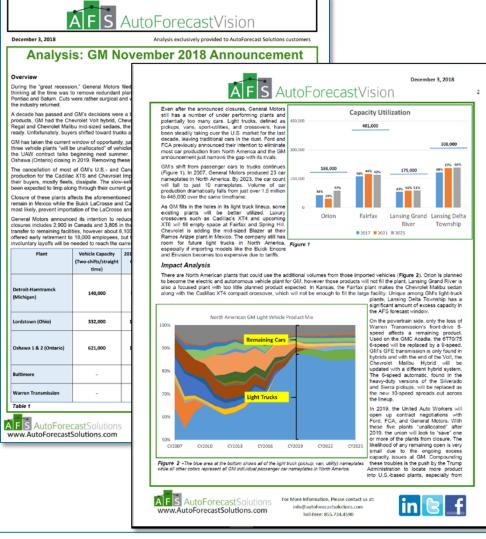
- Global, regional, and industry issues shaping the outlook
- Detailed analysis by country, vehicle, powertrain, and timely topics that support opportunity identification and revenue growth
- Short-, mid-, and long-term global production outlooks
- Key performance indicators
- Global vehicle production ranking reports
- U.S. light vehicle sales analysis

The volatility of today's global automotive industry requires timely insight for better decision making. AFS Services are designed to improve the competitiveness of our clients. Creating a proactive environment to strengthen core operations while identifying opportunities for revenue growth.

Delivered Monthly as part of your AFS Forecast Subscription



AFS Market Alerts: AFS Vision



AFS Vision Includes:

An analysis of major automotive events impacting the manufacturing footprint and business plans for industry stakeholders.

THE ISSUE: First step is to summarize the issue in a concise way in order to frame the impact on the industry.

THE IMPACT: Second is to analyze the information and provide insight into the impact on the industry, the supply base, the consumer, and the economy.

FUTURE IMPLICATIONS: AFS always looks at the data in terms of how it will affect our customers in short- and long-term. For example:

- An AFS Vision report focused on GM's announcement of plant closures provided an overview of the topic, but went further to analyze the ramifications of the decision.
- By diving deeper into the analysis, It was determined that four additional GM plants are also underutilized. This could have a future impact on production capacity and create a ripple effect for the supply base.
- AFS highlighted the production capacity of these plants in an effort to provide visibility into the additional concerns.

VALUE-ADD: The concept is simple, AFS helps transform your operations from a traditionally reactive business model, to a proactive one. Targeted analysis supports this critical initiative for improved opportunity identification and revenue growth.

Delivered Periodically as part of your AFS Forecast Subscription



AFS Market Alerts: AFS AutoShow Review (ASR)



AFS ASR Includes:

A summary of vehicle introductions/updates at major global auto shows:

- Images
- Specs
- Vehicle reviews

Recent shows covered include:

- Geneva
- North America International Auto Show
- Los Angeles
- New York
- Shanghai

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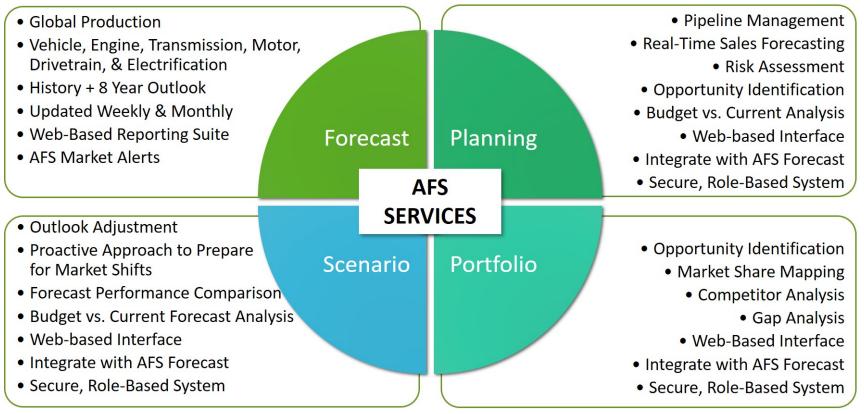
Contact AFS to learn more about the ePower Pack suite and the complete catalog of AFS Forecasting & Business Intelligence Solutions.

info@autoforecastsolutions.com

855.734.4590

Thank you from the AFS team.

Complete Turnkey Forecasting & Planning Solutions



AFS helps our customers...

Understand opportunities

Develop a value proposition to defend core operations **Identify** areas of risk & growth.

AutoForecast Solutions.
Driving Data into Decisions.