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SAE SmartBrief



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NEED TO KNOW

Ford's next CEO lays out expected growth areas



Farley (Spencer Platt/Getty Images)

Electric vehicle charging, fleet management and software "could create a lot of value for" Ford and are "concrete areas that will change" the company, incoming CEO Jim Farley said Tuesday. The move to Farley -- the company's fourth CEO since 2014 -- is the only large management change expected in the near future. CEO Jim Hackett will help Farley transition, then stay on as an adviser through the first quarter of next year. **Full Story:** [Reuters](#) (8/4)



INDUSTRY NEWS & TRENDS

Experts: China's C919 is a political statement, not rival

The Comac C919 built by China is unlikely to challenge the dominance of Airbus and Boeing for passenger aircraft, but experts say the C919 represents a matter of pride for the country. "The political ambition from the top leaders is that China has its own aircraft because, in their mind, great nations have their own airliners," says Scott Kennedy, a senior adviser at the Center for Strategic and International Studies. **Full Story:** [CNET](#) (8/4)



- **Australian company to produce hydrogen fuel from biogas**
Biomass Magazine online (8/4)
- **China, UAE team up for shipping venture**
Trade Arabia (Bahrain) (8/4)
- **Dassault Aviation soars in product support, survey finds**
AIN Online (8/3)

REGULATIONS & STANDARDS

SAE J3300 standard covers automated driving

The SAE J3300 Standard is intended for professional drivers, and includes standards for automated driving, trailer towing and other categories of driving skills. "We know that a disciplined implementation of rigorous objective measures for driving competence can be a game changer to reduce driving incidents and save lives," says Mark-Tami Hotta, vice chairman and lead certifier for SAE J3300. **Full Story:** [SAE International](#) (8/4)



- **Opinion: Lack of US AV progress due to policy "failure"**

Claims Journal/Bloomberg (8/4)

SMART CITIES

How traffic tech and other advances will improve city life

Forbes Technology Council members outline innovations that will enhance city life in the future. Among other changes, air quality monitoring will improve with hyperlocal data from internet of things sensors, and smart traffic lights and cameras will decrease congestion and detect traffic accidents. **Full Story:** [Forbes](#) (7/31)



- **Calif. PATH to study truck platooning**

FreightWaves (7/30)

- **Mich. city planners use AI to analyze transportation system**

MiBiz (Michigan) (8/4)

AUTOMATED & UNMANNED VEHICLES

Lidar, cameras in race for use in autonomous vehicles

Hybrid technology using lidar's outstanding vision and a camera's color, object and text recognition might be the solution for artificial intelligence in autonomous vehicles, write Christoph Domke and Quentin Potts. Until that technology is developed, the race is on to see if lidar can find a reasonable price quicker than cameras can become reliable for autonomous vehicle applications, the authors write. **Full Story:** [Automotive World \(U.K.\)](#) (free content) (8/3)



ELECTRIFICATION

Report: Smart practices will make room for more EVs



(Pixabay)

States and automakers are looking for ways to increase electricity supplies as the demand for electric vehicles grows. If EV drivers adopted "smart charging" practices, such as recharging during the day to use the extra power generated from solar energy, electricity supplies could be stretched to accommodate more than the roughly 30 million EVs that the grid can now

handle, says a report by Pacific Northwest National Laboratory researchers. **Full Story:** [GeekWire](#) (8/3)



Electric commercial vehicles would have greatest impact

Cameron Roberts, a researcher in sustainable transportation at Carleton University in Canada, writes that Canada should focus on producing electric commercial vehicles rather than electric cars. "If the government wants to do this in a way that has the greatest impact on the climate, it should look beyond supporting fancy personal vehicles, and turn its attention instead to the unglamorous workhorses that make our society function," he writes. **Full Story:** [The Conversation](#) (7/30)



- **EVs made up 68.4% of cars registered in Norway last month**

[CleanTechnica](#) (8/4)

WORKFORCE DEVELOPMENT & LEADERSHIP

Today's leaders nurture rather than demand

Top-down hierarchies are being replaced by agile teams, requiring leaders who create connection, collaboration and empowerment, writes Agata Nowakowska of Skillssoft. "Looking at the fundamentals of the changing world of work, the 'hero leader' is rapidly becoming a workplace anachronism," Nowakowska writes. **Full Story:** [Training Journal](#) (UK) (8/3)



CROSS-MARKET COLLABORATION

Home Depot closer to same-day, next-day delivery goals

The Home Depot plans to open three new distribution centers within the next year and a half in metropolitan Atlanta, part of a five-year, \$1.2 billion investment in supply chain facilities to meet rising demands from e-commerce. The home improvement retailer is striving to provide 90% of the US population with same-day and next-day delivery, up from 50% currently. **Full Story:** [CNBC](#) (8/4)



Amazon expects to expand physical footprint by half



(Justin Sullivan/Getty Images)

Amazon is anticipating continued growth in e-commerce orders and plans to meet capacity needs by bolstering its network square footage, including fulfillment centers, by 50%, Chief Financial Officer Brian Olsavsky said during an investor call last week. The company is also tightening third-party seller warehouse space restrictions beginning in mid-August to prioritize faster-moving goods. **Full Story:** [Supply Chain Dive](#) (7/31), [Business Insider](#) (7/31)



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How we handle our fears will determine where we go with the rest of our lives.

Judy Blume,
writer



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