



## ALUMINUM NEWS

### [ATG Webinar: Commercial Vehicle Weight Reduction Opportunities](#)

[Examiner.com](#) recently featured the ATG Webinar revealing the findings of a newly-released Ricardo, Inc. study highlighting the impact of weight reduction on improving freight and fuel efficiency in class 8 trucks and trailers. For a recorded playback, please [click here](#) or visit [www.aluminumintransportation.org](http://www.aluminumintransportation.org), to find more information on the study.

### [Down Weighting Vital to Meeting Future Fuel Economy and Emissions Regs](#)



The Obama Administration recently proposed the first fuel-efficiency standards for medium- and heavy-duty tractor-trailers. Vehicles will be required to cut greenhouse-gas emissions and boost fuel economy by 20% between 2014 and 2018. The [ATG's statement](#),

featured in [FleetOwner](#) and [Edmunds.com](#), expresses support for the new regulation and the important role lightweight aluminum plays in meeting these standards.

### [Shedding Pounds](#)

American Trucker Magazine's October cover story, "[Losing Weight](#)," explores the weight saving, fuel economy and payload benefits aluminum offers the [commercial vehicle](#) sector. Research shows that an estimated 600 to 1,200 pounds could be saved by switching to aluminum wheels alone.



### [Aluminum's Commercial Vehicle History](#)

The [European Aluminium Association \(EAA\)](#) recently highlighted [historical moments](#) in the commercial vehicle industry including:

- 1910: Aluminum components featured in buses
- 1930: Industrial development of commercial vehicle components in Europe
- 1950s: First aluminum road tankers, vans and tipping vehicles
- 1976: All-aluminum truck prototype debuts
- **Today:** Many components are used for a variety of applications, in fact most fuel tankers and silo semi-trailers are made entirely of aluminum
- **Tomorrow:** Annual return on investment for material substitution with aluminum on a single vehicle is estimated to about 1,612 gallons of fuel and 17.9 CO2 tons

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### CALENDAR OF EVENTS

**Platts 2011 Aluminum Symposium**  
January 16-18, 2011  
Coronado, CO

**National Private Truck Council (NPTC): 2011 Education Management Conference and Exhibition**  
April 17-19, 2011  
Cincinnati, OH

**22nd Enhanced Safety of Vehicles Conference (ESV)**  
June 13-16, 2011  
Washington, D.C.

### FAST FACTS

#### **Aluminum's Value Proposition**

Down weighting with aluminum in commercial vehicles provides benefits to owners and operators and enables a truck to carry up to 6.5 percent more payload per trip. Consider:

- Reduced fuel consumption and emissions
- Lower maintenance costs
- Improved durability
- Higher resale

The Aluminum Association's Aluminum Transportation Group (ATG) communicates the benefits of aluminum in ground transportation to help accelerate its penetration through research programs and related outreach activities. Member companies include: [Alcoa Inc.](#), [Novelis Inc.](#), [Rio Tinto Alcan Inc.](#), [Aluminum Precision Products](#), [Kaiser Aluminum Corporation](#), [Hydro](#) and [Sapa Group](#).

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