

# Novelis Reports Significant Gains in Sustainability

## Company Achieves 53 Percent Recycled Inputs, 19 Percent Reduction in Absolute Greenhouse Gas Emissions

ATLANTA, Dec. 16, 2016 /PRNewswire/ -- Novelis, the world leader in aluminum rolling and recycling, published its fiscal year 2016 sustainability report today, detailing significant progress toward increasing the use of recycled aluminum and minimizing the use of natural resources. Recycling aluminum produces 95 percent fewer greenhouse gas (GHG) emissions and requires 95 percent less energy than primary aluminum production, enabling Novelis to achieve lower GHG emissions despite increasing global production capacity. At the end of fiscal 2016, Novelis achieved an average of 53 percent recycled aluminum inputs, up 23 percentage points from the baseline averages of fiscal years 2007-2009. Novelis also reduced its GHG emissions by 19 percent for the same baseline years.

Significant gains were also made in fiscal 2016 as it relates to water and energy intensity. Novelis achieved a 22 percent reduction in water intensity and a 24 percent reduction in energy intensity for the 2007-2009 baseline.

"Sustainability is core to our business. That starts with how we operate within our company and extends to how we partner with our stakeholders across the aluminum value chain," said Steve Fisher, President and Chief Executive Officer, Novelis. "We see tremendous opportunities in continuing to expand the use of lightweight, infinitely recyclable aluminum to meet today's demanding performance standards while reducing energy use."

Other important achievements from fiscal 2016 include:

- Reduced water intensity by one-third at Novelis' plant in Terre Haute, IN that helped the company reach a 22 percent reduction in water intensity globally.
- Decreased our energy intensity by 24 percent by increasing manufacturing efficiencies worldwide.
- Commissioned the third automotive finishing line at Novelis' plant in Oswego, NY to supply lightweight automotive aluminum for the 2017 Ford F-Series Super Duty line of trucks, representing the second-highest volume aluminum application in automotive to-date. Supply for the truck also involves a highly innovative closed-looped recycling system that allows Novelis to take back as much of its customer's aluminum scrap as possible, turning it directly back into the same product again.
- Introduced Novelis Advanz™ s5754 RC, a high-recycled content alloy designed for automobiles to contain up to 75 percent recycled content. First implemented in the Jaguar XE, Advanz™ s5754 RC is now featured in all new and legacy Jaguar Land Rover models.
- Supported 350 community projects at 32 sites in 11 countries through the Novelis Neighbor global program of service and charitable giving that focused on making

communities safer, addressing the need for Science Technology Engineering and Math (STEM) education and increasing recycling by consumers, representing more than \$5.5 million in community investments.

- Set records for safety performance, achieving a three-year low in total recordable incidents as well as improving the number of days away from work rate by more than 25 percent year-over-year.

Novelis continued to make significant progress in multiple areas at its 24 production and recycling facilities on four continents, including reducing GHG emissions, energy and water intensity from their baseline averages in fiscal years 2007-2009.

Category	FY 16 Performance	Reductions Since FY 07-09 Baseline
Absolute GHG Emissions	16.9 M/mt	-19 percent
Energy Intensity	9.5 GJ/mt	-24 percent
Water Intensity	2.8 m <sup>3</sup> /mt	-22 percent

Novelis aligned this report to conform to the Global Reporting Initiative (GRI) G4 Sustainability Reporting. The GRI G4 guidelines are the world's most widely used framework for sustainability reporting.

For more information, and to download the FY 2016 Novelis Sustainability Report visit [www.novelis.com/sustainability](http://www.novelis.com/sustainability).

### **About Novelis**

Novelis Inc. is the global leader in aluminum rolled products and the world's largest recycler of aluminum. The company operates in 10 countries, has approximately 12,000 employees and reported \$10 billion in revenue for its 2016 fiscal year. Novelis supplies premium aluminum sheet and foil products to transportation, packaging, construction, industrial and consumer electronics markets throughout North America, Europe, Asia and South America. Novelis is a subsidiary of Hindalco Industries Limited, an industry leader in aluminum and copper, and metals flagship company of the Aditya Birla Group, a multinational conglomerate based in Mumbai, India. For more information, visit [novelis.com](http://novelis.com) and follow us on Facebook at [facebook.com/NovelisInc](https://facebook.com/NovelisInc) and Twitter at [twitter.com/Novelis](https://twitter.com/Novelis).

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