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OUTOKUMPU'S STAINLESS STEEL FUEL TANK WINS ISSF NEW APPLICATIONS AWARD

A stainless steel fuel tank developed by Outokumpu received the New Applications Award by ISSF (International Stainless Steel Forum) in the Best New Development Award category at the ISSF Annual Conference in Hong Kong, China.

Outokumpu and the Swedish fuel system company TechROi Fuel Systems (TFS) developed a new innovative stainless steel fuel tank. Stainless steel properties make the tank a competitive alternative for plastic tanks. Use of Outokumpu HyTens® steel grade allowed extremely thin walls and tailored strength, making the tank circa three kilograms lighter than the conventional fuel tank made of plastic, thus reducing the overall vehicle weight and making the car less fuel consuming and consequently mitigating emissions.

According to the ISSF, the winning concept provides a combination of good design, appropriate material selection, engineering expertise and sufficient delivery reliability. The stainless steel fuel tank is superior in terms of crashworthiness and does not need surface treatment or maintenance.

Said Outokumpu CEO Mika Seitovirta: "We are very pleased with the ISSF's recognition of this innovation, which showcases the potential that stainless steel and customer focused innovation have in meeting the demands of car industry. As a versatile, long-lasting and 100% recyclable material, stainless steel offers great opportunities for a number of industries to create a more sustainable future."

The award received is the first ISSF New Applications award for Outokumpu. The ISSF awarded Outokumpu for Sustainability in 2011 for reducing landfill waste in Sheffield, UK and in 2014 for a long-term study assessing the risk of cancer among the stainless steel industry employees in Outokumpu's Kemi and Tornio sites in Finland.

The International Stainless Steel Forum (ISSF) is a non-profit research and development organization which was founded in 1996 and serves as the world forum for the international stainless steel industry.

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Outokumpu Group

Outokumpu is a global leader in stainless steel. We create advanced materials that are efficient, long lasting and recyclable – thus building a world that lasts forever. Stainless steel, invented a century ago, is an ideal material to create lasting solutions in demanding applications from cutlery to bridges, energy and medical equipment: it is 100% recyclable, corrosion-resistant, maintenance-free, durable and hygienic. Outokumpu employs more than 12 000 professionals in more than 30 countries, with headquarters in Espoo, Finland and shares listed in Nasdaq Helsinki. www.outokumpu.com