U.S. Secretary of State Hillary Clinton announces unique effort by USA Pavilion to sign on as a carbon neutral participant at Shanghai World Expo with grant from Alcoa foundation

At the USA Pavilion (USAP) of the Shanghai 2010 Expo, Secretary of State Hillary Rodham Clinton announced an Alcoa Foundation-sponsored initiative to off set the Pavilion’s carbon footprint.

Alcoa Foundation is contributing to the Shanghai Expo 2010 theme of a “Better City, Better Life” by partnering with USAP on its environmental sustainability strategy to be carbon-neutral throughout the event.

“This USA Pavilion embodies qualities that make America a vibrant and prosperous nation: innovation, sustainability, diversity, and the free exchange of ideas. It is a model of environmental responsibility that I am proud to announce will be carbon neutral for the duration of the Expo,” Secretary of State Clinton said.

As part of its commitment to the sustainability initiative, Alcoa Foundation will fund an independent, thorough, verifiable carbon footprint study to be conducted by ICF International, a leading U.S. climate change, energy, and environment consultancy. The footprint will cover the GHG emissions for the six-month duration of the Expo.

Alcoa’s commitment to sustainability endeavours positions it as a company of choice for governments and communities. The USA Pavilion’s sustainability approach, with the support of the Alcoa Foundation will result in positive environmental and community-building benefits for China.

Funding of the carbon footprint study is one prong to Alcoa Foundation’s sustainability focus during the Shanghai Expo. Plans are underway for a clean energy financing initiative with the World Resource Institute, and Alcoa recently launched environmental awareness and aluminium recycling programs for teachers and students throughout China. These are two of many community engagement activities Alcoa China has recently undertaken.

“Yeah, Alcoa! Good Company for the Environment!” applauded U.S. Secretary of State Hillary Clinton when she met Alcoa China President Jinya Chen at an event at which she announced an Alcoa Foundation sponsored initiative to off set the U.S. Pavilion’s carbon footprint.”
Alcoa Goes the Distance in Meeting the Demands of Thai Fleet Customers

MON Transport Co. Ltd., is a total logistics solutions provider with expertise in Thailand’s transportation industry. They have more than 200 tanker trucks for handling dangerous goods like petroleum products, liquid carbon dioxide and other chemicals.

When Mon expanded with new vehicles, Alcoa forged aluminium wheels were exclusively specified into the latest tankers to address key concerns such as durability and weight reduction.

Director of Mon Transport, Ms Sirimon Usap accorded higher company profits that resulted, to their switch from steel wheels to Alcoa’s aluminium wheels. She said, "With 22 wheels on each petroleum tanker, we managed to save 440kg on every vehicle. This significant weight reduction allowed us to increase our payload by 500 litres of petrol per tanker, per trip. That’s an estimated 1.2% in extra revenue for the company!"

“Alcoa wheels are extremely strong and impact resistant. This is a valuable asset in the transport of dangerous goods. Tankers are expensive trailers, with a service life of over 15 years; and Alcoa wheels are known to last that long,” she added.

The forging process that Alcoa wheels are known for, make them the strongest wheels in the industry; passing the most demanding tests including TüV, LBF and JWL-T. With a 5-year unlimited mileage warranty against manufacturing defects, it confidently meets the needs of one of Thailand’s premier transportation companies, Mon Transport.

Alcoa Wheels Run True, Lasts Longer on the China Dangerous Goods Delivery Route

Yi Chang Logistics is an established carrier of dangerous goods; handling hazardous substances on a daily basis across China.

Operating a robust fleet of almost 1,400 tractors and tankers, the company plans to almost double the fleet size in 2011. To date, Alcoa wheels are already fitted on half their fleet. This translates to an astounding 8,000 wheels. The number is expected to increase with 100 per cent of new vehicles being specified exclusively with Alcoa wheels.

“Yi Chang Logistics prides itself on the high level of service we provide to our customers and maintain a strong commitment to safety while meeting demanding deadlines. With extreme road and weather conditions in China, we need to ensure that our fleet makes their deliveries without any breakdowns. Alcoa aluminium wheels are not only light weight but durable. Their high strength is proven and keeps our fleet running smoothly for the long haul,” said Mr Xu Yi Chang, owner of Yi Chang Logistics.

The advantages of switching from steel to aluminium wheels were apparent when their field test results showed an increase in fuel savings and up to a 33% extension of tyre life.

“We will not only continue using Alcoa wheels but highly recommend them to other fleets,” said Mr Xu.
Introducing Alcoa Dura-Bright® Wheel with XBR™ Technology

Leave it to the company that invented the first practical aluminium truck wheel in 1948 to come up with Dura-Bright® wheels – the next revolution in wheel maintenance.

Now your wheels can look their best with less effort so you save money and time – and still hit the road with good-looking wheels on your trucks, trailers and buses. Regular washing with soap and water will keep them shiny, even after hundreds of washes and thousands of miles.

The Dura-Bright® treatment is available on most Alcoa wheel sizes. For further details, please consult your nearest Alcoa distributor. Dura-Bright® wheels are easily recognisable by their black Alcoa Dura-Bright® sticker.

Features:
• Simply cleans with soap and water
• Maintains shine even after hundreds of washes and thousands of miles
• Featuring Alcoa’s legendary one-piece forged aluminium strength
• Five-year limited warranty

1st Lightweight Aluminium Tanker Hits the Road in China

Alcoa and specialty truck maker CIMC Vehicles (Shandong) formed a strategic partnership last year to design and develop the energy-efficient vehicle. It is expected that the aluminium fuel tanker trailer will be 30% lighter than conventional stainless steel trailers, resulting in a considerable increase in payload, greater fuel savings and lower emissions.

The expertise and collaboration between the research team at Alcoa’s Technical Centre and the CIMC team helped develop what is believed to be a best-in-class product.

The new fuel tank trailer will roll on patented Dura-Bright™ forged aluminium wheels, enabling a smoother ride with lower maintenance.
Alcoa Rolls In the World Cup Teams in Style

Participating teams of the recent World Cup 2010, held in South Africa, and their supporting fans rolled into stadium venues in style on **32 team buses** and **fifty 16-wheeler “park and ride”** buses fitted with brushed and polished Alcoa wheels.

Alcoa was selected as the wheel of choice for the locally-assembled OEM buses because the bus manufacturers required a quality product with fast turn around time to address problems that could arise over the duration of the sporting event.

Discovery Channel Features Alcoa Forge Press

When Discovery Channel set out to feature the biggest slashers, crushers, pounders and pulverisers on its programme, “What a Tool!”, they headed straight to Alcoa’s Cleveland Works (Ohio, USA), home of two of the world’s largest hydraulic forge presses in the world.

Do you know, Alcoa’s 35,000 tonne forge press is 10 stories tall and exerts 32 million kilograms to form exceptionally strong aluminium parts like bulkheads for fighter jets!