

World's first zero emission electric cargo motorcycle to be showcased during Singapore International Energy Week

Recently announced as Gold Sponsor, CBMM will be showcasing the innovative "Niobium Solar Mobile Project" in Singapore during the landmark annual event

Singapore ([PRWEB](#)) October 06, 2016 -- Participating in Singapore International Energy Week (SIEW) for the first time, CBMM is demonstrating the considerable benefits niobium technology can bring to developing a wide range of sustainable energy solutions.

This zero emission motorcycle is an example of how a small addition of niobium to steel can enable the design of lighter and therefore more energy efficient vehicles. The motorcycles come complete with their own steel container, which is also made lighter using niobium. This transportable container has been cleverly adapted as a solar powered charging station, providing enough energy to charge four motorcycles simultaneously.

Providing clean energy, anytime, anywhere, this ground-breaking concept has huge potential for take-up in the Asian market, where the use of motorcycles is the dominant form of transport in many countries.

The motorcycles and solar charging station will be on display at the Marina Bay Sands Events Square from 24th to 28th October 2016, and CBMM, the world's leading supplier of niobium and niobium technology, is proud to be the only participant at SIEW using a solar powered exhibition platform.

You can find out more about CBMM and the Niobium Solar Mobile Project on the SIEW website <https://www.siew.sg/partners-sponsors/sponsors/2016-sponsors/siew-gold-sponsor>.

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For more information, contact:

Jayne Evans

Director

Beta Technology Ltd, UK

Tel: +44 (0)1302 322633

Fax: +44 (0) 1302 388800

Mobile: +44 (0) 796 494 9734

Email: [jayne.evans\(at\)betatechnology\(dot\)co\(dot\)uk](mailto:jayne.evans@betatechnology.co.uk)

www.betatechnology.co.uk

Notes to Editors

About CBMM:

Companhia Brasileira de Metalurgia e Mineração (CBMM) is the world's leading supplier of niobium products and niobium technology. Fully integrated from the mine to the final customized products, CBMM also provides expert technical support to customers in the most sophisticated steel and technology industries around the globe.

A hallmark of CBMM's 60-year history is collaboration to develop innovate solutions where niobium's

properties make it the unbeatable choice for improved efficiency, safety and performance. The Niobium Solar Mobile Project – the first zero emission motorcycle, combined with a solar charging container – is just one example of a partnership that harnessed the tremendous impact of a small amount of niobium added to steels, making them lighter, stronger, tougher and more weldable. These properties enabled the design of a 31% lighter frame for a motorcycle that goes faster and farther on a single solar charge.

To learn more about niobium technologies that address global challenges, visit <http://www.cbmm.com.br>.

About the Niobium Solar Mobile Project

This exciting project illustrates how companies can collaborate to develop the innovative technologies needed to address today's global challenges. CBMM joined forces with motorcycle company Current Motor, the College for Creative Studies in Detroit and steel producer SSAB. Through the application of niobium technology, they produced the world's first zero emission electric cargo motorcycle.

**Contact Information****Jayne Evans**

Beta Technology Ltd

<http://www.betatechnology.co.uk>

+44 1302 322633

Claire Webster

Beta Technology Ltd

+44 1302 322633

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