

### **GKN AEROSPACE TO PROVIDE JOINT STRIKE FIGHTER PARTS FOR BAE**

GKN Aerospace has sealed a deal with BAE Systems to supply up to \$200 million of composite and metallic structures for the multinational Joint Strike Fighter (JSF) program.

The contract is the first major package of JSF work to come into GKN's UK factories and the first non-Airbus work to be carried out at the company's Filton plant following acquisition of the operation from the airliner manufacturer last year.

Composite fuselage parts will be supplied to BAE from GKN's facility on the Isle of Wight, while titanium metal structures machining work is being split between facilities in Filton and the company's St Louis plant in the United States.

The agreement with BAE will push the British-based aerostructures and components company work on the Joint Strike Fighter to around \$2.5 million per aircraft.

Other work already being undertaken by GKN includes supply of the canopy transparency, titanium and composite structures for the airframe and engine, and an electro-thermal ice protection system for the powerplant. To date, the work has been predominantly undertaken at company facilities in the U.S. Frank Bamford, the senior vice president of business development and strategy at GKN Aerospace, said he was optimistic there will be further opportunities to secure work packages on the fighter program as the aircraft moves towards series production.

The agreement with BAE covers fuselage work on all three versions of the F-35 Lightning II fighter. BAE is a partner in the JSF program alongside prime contractor Lockheed Martin and Northrop Grumman. The British company is lead manufacturer responsible for the aft fuselage, vertical and horizontal tails and wing tips. [Details](#)



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### **TITANIUM METALS CORPORATION SHARES HAVE RIDDEN A WAVE OF HOPE**

The rally has gathered momentum even though the Dallas-based company reported a steep decline in fourth-quarter profit.

Investors looked past the 86% drop in earnings to focus on what Titanium Metals Corporation expects to be a period of recovery and heightened demand from the aerospace industry.

Specifically, CEO Bobby O'Brien said the upcoming deliveries of the Boeing 787 will raise production rates up and down the commercial aerospace supply chain and boost the company's sales and operating results for years to come. [Details](#)

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### **KENMARE RESOURCES TO TARGET 200 MILLION EUROS MINE INJECTION**

Kenmare resources intends to raise almost 200 million euros to boost production at its African titanium mine in anticipation of growing demand for the mineral in emerging economies.

Kenmare operates a titanium mine in Moma, Mozambique, which reached full production this year.

The company has said that it lost \$30.4 million (22.3 million euros) last year. The loss was in line with expectations, as the Moma mine was still under development for most of 2009, although production and sales began to gain momentum in the third quarter. [Details](#)

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### **TITANIUM SPONGE PLANT IN KOLLAM COMPLETE BY JULY 2010**

Kerala Minerals and Metals which is setting up a titanium sponge plant in Kollam of Kerala are expected to go on stream by July 2010.

The INR 170 crore project is being funded by the Indian Space Research Organization and will have a capacity to produce 500 tonne of titanium sponge. [Details](#)

## **ELECTRIC METALS SIGNS LETTER OF INTENT TO ACQUIRE 100% INTEREST IN IRON TITANIUM VANADIUM PROPERTIES IN THE SAGUENAY REGION OF QUEBEC**

Electric Metals Inc has announced the signing of a Letter of Intent with a private vendor whereby the Vendor will grant the Company the right to acquire a 100% interest in two iron-titanium-vanadium properties located in the Saguenay region of Quebec. The two properties comprise 3,870 hectares. Under the terms of the Letter of Intent, Electric Metals will acquire a 100% interest in the two properties by making payments totaling \$360,000 and issuance of 925,000 common shares of the Company over a two year period. The properties are subject to a 1.5% Net Smelter Royalty of which 1% can be purchased for \$1M. The acquisition is subject to a 60 day exclusive due diligence period and regulatory approval.

### ***The Saint Urbain Project- Exploring a District of Proven Past Producers***

The Saint Urbain iron-titanium property comprises 41 mining claims totaling 2,304 hectares, and is strategically situated in the midst of a large land position held by Rock Tech Resources Inc., near the town of Saint Urbain in the Saguenay region of Quebec. The area surrounding the Saint Urbain Property is a past producer of approximately 500,000 tonnes of iron and titanium ore in several historic mining operations active between 1871 and 1977. From 2008 to 2009, Rock Tech completed a field sampling program and flew a 2001 line-kilometre airborne magnetic survey over their property block, which included some overlap onto the Saint Urbain Property claims. Results of Rock Tech's field work and aeromagnetic surveying was reported in a 43-101 compliant technical report dated December 4th, 2008. Geochemical results included samples of massive ilmenite within anorthosite returning 47.7 to 52.2% Fe<sub>2</sub>O<sub>3</sub> and 36.7 to 39.6% TiO<sub>2</sub>. [Details](#)

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## **CHINA'S 10 TYPES OF NONFERROUS METAL OUTPUT EXCEEDS 26 MILLION TONS**

The output of China's 10 types of nonferrous metals exceeded 26 million tons in 2009, up 3.99% year-on-year, reporters learned from the China Nonferrous Metals Industry Association. Of them, refined copper output reached 4.11 million tons, primary aluminum 12.85 million tons, lead 3.71 million tons, zinc 4.36 million tons, nickel 164,800 tons, tin 134,500 tons, antimony 165,800 tons, magnesium 500,800 tons and sponge titanium 61,500 tons. China's nonferrous metal import and export value totaled 83.2 billion U.S. dollars in 2009, down 11.27% year-on-year. [Details](#)

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## **TITANIUM PRODUCER DISPLAYS ITS METTLE**

Local Government minister John Healey has praised a pioneering South Yorkshire company that could revolutionise the way titanium is produced.

Mr Healey was speaking during a visit to technological innovator Metalysis, which is based in his Wentworth constituency.

The Wath-upon-Deane-based firm was set up five and a half years ago to commercialise the "FFC Process" developed by Cambridge University scientists.

The new process replaces highly inefficient, slow and chemically hazardous processes used for the last 70 years to produce pure titanium and other metals such as tantalum.

Since it was launched, Metalysis has grown from a workforce of three to around 50 and has registered 24 families of patents in 88 countries.

In October, the company announced it was creating 90 highly-skilled jobs with the help of a £1.5 million grant from regional development agency Yorkshire Forward.

Metalysis has been using the grant to recruit research scientists, process development engineers and production workers to help it develop a semi-continuous plant for producing titanium powders for worldwide markets and sales staff to help it secure clients for the plant. [Details](#)

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## **ALLEGHENY TECHNOLOGIES SEES MARKETS IMPROVING THIS YEAR**

Metals processor Allegheny Technologies Inc has said it believes the worst of the recession is over and it expects steady growth in its markets, especially aerospace and energy.

"We think 2009 was the bottom," Chairman, President and Chief Executive Pat Hassey said in a statement included in a filing with the Securities and Exchange Commission.

"We view 2010 as the transition year from the global recession of 2009 to the resumption of the secular growth trends in our key global markets in 2011 and beyond."

Hassey said several trends indicated industrial demand was increasing for Allegheny's specialty metals, which include titanium, stainless steels and nickel-based alloys. [Details](#)