



Next Generation Battery Technology

Press release

June 6th, 2019

**UK BASED COMPANY OXIS ENERGY GOES INTO MASS PRODUCTION
OF LITHIUM SULFUR CELLS**

OXIS Energy is to establish the first ever manufacturing plant for the production of electrolyte and cathode active material specifically for the mass production of lithium sulfur cells.

The plant will be built at the Kenfig Industrial Estate Port Talbot in Wales. OXIS has signed a 15 year lease with United UK Real Estate Investment Industrial Holdings Limited to develop the plant and it's expected that several hundred jobs will be created within the next ten years. The electrolyte and cathode active material, which is currently at Manufacturing Readiness Level (MRL) 8 will be produced for worldwide export.

The plant will supply the OXIS Energy Brazil Holding's manufacturing plant, which has been jointly set up between the State Government of Minas Gerais and OXIS Energy UK. OXIS will retain its Research and Development activity in the UK. However, it will collaborate with Codemig, a wholly owned company controlled by the State of Minas Gerais to jointly exploit lithium rock deposit for the production of world class lithium metal, which is used by OXIS for its Li-S cells.

OXIS is currently working on the design of the Brazilian Plant with NORDIKA Pharmaceutical of Brazil. It is also collaborating with other European companies, such as Siemens AG who have expertise in digital manufacturing and cyber security.

The objective is to produce the active material in Port Talbot in order to supply the cell capacity production in millions of units from 2020 until 2030.

Huw Hampson-Jones, CEO OXIS Energy said, “With support from both the State Government of Minas Gerais and the Welsh Government, including the investment made by the Development Bank of Wales, OXIS is working towards the commercialization of mass production of lithium sulfur cells for electric batteries in order to address our target markets - aviation, marine and buses and trucks (Heavy Electric Vehicles).”

The Western seaboard of the ports in Wales, Cardiff, Newport, Port Talbot and Swansea are ideally placed and accessible for exports to Brazil. OXIS will decide on the port of embarkation of the goods in the next 18-24-months.

Huw Hampson-Jones added, "We believe this will create even more jobs in Wales. In many cases we shall be creating a highly skilled workforce, and indeed, Wales is the only region in the UK, where it is seeking to promote bilingualism, which is the basis for multilingual skills, an essential requirement for OXIS in its expansion plans for its long-term growth in the export of goods.”

Editor's notes

OXIS Energy Ltd is involved in the design, development and now the move towards commercial production of lithium sulfur cells for battery systems. With over 40 patent families, OXIS has been granted 182 patents with 99 pending. OXIS has demonstrable empirical data justifying its claim on the inherent safety of its battery technology.

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