



## Dyesol in Germany – On the Starting Grid

On 5 February 2010, Dyesol Industries Pty Limited the controller of the Dyesol suite of Intellectual Property, and wholly owned subsidiary of Dyesol Limited (DYE, D5I), has established a GmbH subsidiary in Bavaria, Germany. This company will pursue dye solar cell (DSC) product development and commercialisation opportunities that arise in Germany, particularly in Bavaria. The basis of the business will be collaboration and partnerships with industrial and government partners.

The Managing Director is Dr Keith Brooks, currently Managing Director of our Swiss subsidiary Greatcell Solar S.A. He is supported by Dyesol's European Strategic Development Team led by Dyesol's Managing Director Global, Dr Gavin Tulloch and Michael Sundman, Business Development Executive – Europe.

Dr Tulloch stated, "This step has been in the planning for some years. It is a logical progression for Dyesol to develop new products and applications in Germany, the most advanced solar society in the world, one in which energy conscience and environmental awareness make our job that much easier. This is a logical move and is part of a range of activities we seek to complete in the region."

Further announcements will be made concerning strategy, operations and commercial arrangements as business opportunities reach maturity.

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### **Note to editors**

#### **The Technology – DYE SOLAR CELLS**

DSC technology can best be described as 'artificial photosynthesis' using an electrolyte, a layer of titania (a pigment used in white paints and tooth paste) and ruthenium dye deposited on glass, metal or polymer substrates. Light striking the dye excites electrons which are absorbed by the titania to become an electric current many times stronger than that found in natural photosynthesis in plants. Compared to conventional silicon based photovoltaic technology, Dyesol's technology has lower cost and embodied energy in manufacture, it produces electricity more efficiently even in low light conditions and can be directly incorporated into buildings by replacing conventional glass panels or metal sheets rather than taking up roof or extra land area.

#### **The Company – DYESOL Limited**

Dyesol is located in Queanbeyan NSW (near Canberra) and in August 2005 was listed on the Australian Stock Exchange (ASX Code 'DYE'). Dyesol manufactures and supplies a range of dye solar cell products comprising equipment, chemicals, materials, components and related services to researchers and manufacturers of DSC. Dyesol has subsidiaries in UK, Italy, Switzerland, USA, Korea and Singapore plus representatives and agents in Turkey, Germany, Abu Dhabi, Malaysia, Taiwan and Japan. The Company is playing a key role in taking this third generation solar technology from development into commercial production.

More details about the company and the technology can be found at: <http://www.dyesol.com>