

Dr John Sanderson, Senior Environmental Engineer, Earth Systems, Australia

Dr John Sanderson is a Senior Environmental Engineer with Melbourne-based consulting engineering company Earth Systems. He is also Director of Gasification Australia, which manufactures small wood-to-electricity power generators.

John completed a PhD in chemical engineering in 2002 and subsequently worked for the CRC for Clean Power from Lignite on gasification technology to reduce GHG emissions from Victorian brown coal power stations. He spent 6 years as a research engineer at CSIRO Minerals providing engineering research and consulting services to the minerals processing industries.

In 2006, John and business partner Mark Feltrin incorporated Gasification Australia to address landscape restoration and remote power needs in regional Australia and developing countries through small-scale gasification technology and to this end, commercialised the small Tasman gasifier for off-grid power.

In his current role at Earth Systems, John assists companies to measure and reduce greenhouse gas emissions via audits and energy efficiency measures and provides specialist advice on biomass to energy systems. Following the February 7th bushfires, Earth Systems, Gasification Australia and TreePower Australia collaborated on the Fighting Fire with Fire (Marysville Bioenergy plant) project feasibility study.