

Tasmania – the Emerging BioExtraction Hub

The island state of Tasmania is emerging as a key Australian biotech extraction hub. Tasmania's natural advantages of biosecurity, biopurity, fertile agricultural land, clean temperate waters and climate, have attracted high value extract crop producers to the state, and have encouraged new internal businesses to flourish. Positioned in the southern-most latitudes of Australia, Tasmania enjoys long summer days which enables plants such as poppies, pyrethrum and hops to accumulate greater quantities of high value extractives. Activity is not limited to the land, with significant effort invested in biota present in the pristine Tasmanian waters. Tasmanian growers implement world's best practice ensuring their products meet the exacting standards of the industry. This integrated network of bioextraction growers provides significant added value to the Tasmanian economy. Large international companies such as GlaxoSmithKline and Johnson & Johnson have been drawn to the state for the primary production and development of some of their key compounds. International interest in the 'pure' island state continues to grow.

Tasmania has established itself as a state of environmental excellence and has sought to protect its environment from external disease, pollutants and foreign species inhabitation. The relaxed lifestyle, world class science facilities and expertise, unique flora and fauna and outstanding environmental conditions has set the scene for a globally-competitive future for the state in the biotech sector.

Three Tasmanian extraction businesses, Tasmanian Alkaloids Pty Ltd, Botanical Resources Australia Pty Ltd and Marinova Pty Ltd, are examples of innovative bioextraction companies who are leaders in their field. Another outstanding example of world class science underway in Tasmania is work done by CSIRO Marine & Atmospheric Research on Omega-3 oils.

