

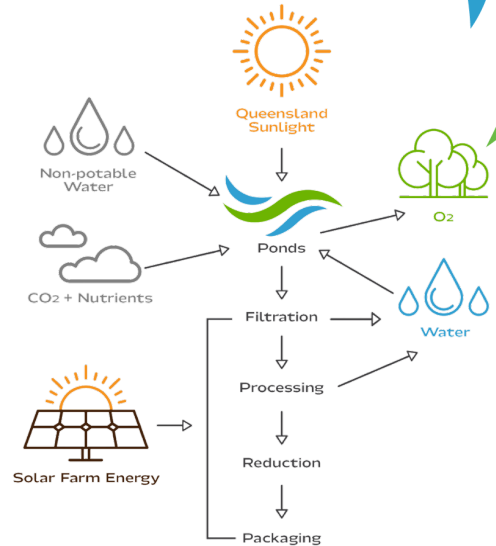


ALGAEPHARM

We Grew & So Did Our Algae

In 2019 we completed construction of the current Algae Pharm pilot scale facility and since then we have progressively built pieces of the process, measured the variables and learnt from the outputs. Our goal was to not only successfully grow algae but to deliver a repeatable process that could be taken to a continuous production model. If we were baking bread we would have access to thousands of years of knowledge and a recipe to follow but for what we are doing with algae it required us to develop our own processes to achieve successful growth with a team of science and technical resources.

Through our extensive work over the last 2 years we have established that the *Nannochloropsis Oculata* strain of algae is more representative of a winter crop and does not grow well in the Goondiwindi summer heat. This summer we took the opportunity to test other strains for resilience to the heat, spirulina and duckweed. We had good results with spirulina and this is now growing in one of our outdoor ponds and the duckweed remains strong in open tanks.



Our 10-acre site enables us to grow as we continue to expand into the market with enough available land to construct 10 open raceway ponds. Given its proximity to residential homes and being less than 3 kilometres from the CBD, the community did raise their concerns at the beginning of the process, which we addressed, and today many in the community are engaged in our progress ranging from local business groups to high school visits.

The year of 2019 proved to be a year of overall growth for us as we also expanded our team with Steve Strutt joining the team to lead the project alongside Tom Woods. For over 30+ years, Steve has developed skills and knowledge to deliver process solutions to smaller family business up to multi-national organisations, throughout Australia and South East Asia. His experience ranges from animal and human food production to automotive, extrusion, heat treatment work with steel & aluminium and in the aerospace field including carbon fibre to pharmaceutical drying and depyrogenation.

With Steve and his expertise now a part of the Algae Pharm team, we set out to achieve our next goal - our first harvest.



Do you have a pain point and are wondering whether Algae may assist as a solution? Steve is interested to hear from you via our contact details below.