



Keeping environmental, economic and social benefits from sustainable waste recycling within communities

NuGrow Pty Ltd (NuGrow) has been a market leader in the areas of organic/inorganic waste recycling, composting and soil conditioner manufacturing for the last 15 years. During inception, NuGrow had a vision to find sustainable and practical uses for domestic, commercial and industrial waste products that would close the loop between recycling, manufacturing and retail. NuGrow recognised that there was a better solution for

organic/inorganic waste disposal and utilised their extensive knowledge of soils to develop a methodology for combining the two. The end product resulted in compost and soil conditioners being developed which finalises the recycling process in a way that enriches the environment.

NuGrow supplies quality compost and soil conditioners which conform to Australian Standards *AS4454-2012: Composts, Soil Conditioners and Mulches* and *AS4419-2003: Soils for Landscaping and Garden Use*. All of NuGrow's finished compost and soil conditioners are subject to regular laboratory testing in order to monitor product stability and performance with the NuGrow team working closely with external soil scientists to ensure that our product is of a consistently high standard.





Ipswich City Council Case Study

In order to keep the environmental, economic and social benefits generated from recycling organic waste within the Ipswich City Council (ICC) local government area, ICC formed a partnership with NuGrow to find a sustainable solution to the management of organic waste generated within Ipswich.

In the partnerships infancy, greenwaste which was placed in residents green bins as well as greenwaste disposed of at ICC's transfer stations was collected and transported to NuGrow's Swanbank facility for recycling as part of NuGrow's compost operation. At this stage the project was limited to greenwaste generated to only one suburb within Ipswich.

However, due to the immediate success of the project, ICC along with NuGrow sought ways to increase the type and quantity of organic waste (i.e. food waste, animal manures, shredded paper) that could be diverted from landfill and sent to NuGrow's facility. As a result ICC decided to implement the program district wide and undertook a public education campaign whereby residents were supplied educational material via mail drops in conjunction with information being posted on ICC's website. Giving residents the knowledge of how exactly their waste was being used beneficially in helping restore recreational facilities and road verges within their community, brought a sense of responsibility and ownership to the residents resulting in increased levels of sustainable waste disposal.

As a result of the partnership between ICC and NuGrow, Ipswich residents are enjoying the environmental, economic and social benefits of converting locally generated waste into a resource that is used within their community. The redirection of Ipswich's organic waste streams helped contributed to a total of 172,577 tonnes of waste being recycled into beneficial products at NuGrow's Swanbank facility for the 13/14 financial year.

Other Recent Waste Receiveal Project Examples

Convenient operating hours and efficient waste disposal infrastructure make NuGrow's facilities the preferred disposal location for a variety of clients including but not limited to:

- Queensland Urban Utilities sewage and grit
- Brisbane City Council stormwater and gully box waste
- Urban Utilities Rosewood treatment plant biosolids
- Bunya and Dakabin Landfill leachate



Other Recent Compost and Soil Conditioner Supply Project Examples

Recognised for their consistent high quality, NuGrow's composts and soil conditioners are currently utilised by many local and national companies which have realised the benefits of using NuGrow's environmentally friendly products. Recent projects have included but are not limited to:

- Transcity – Legacy Way Project
- Ipswich City Council – Bellbird Park Development
- Gold Coast City Council – Currumbin Valley Road Development
- Department of Transport and Main Roads – Gateway Motorway Upgrade



Corporate Social Responsibility and Awards

NuGrow is proactive within the community in areas which its facilities are located and as such supports many local community groups, sporting organisation and charities. In addition to this, NuGrow's work within the waste industry and communities in which it operates, have recently been recognised through the receipt of the following awards:

- 2013 Winner – Waste Recycling Industry Association Queensland, Innovation Award
- 2014 Finalist – Queensland Premier's Sustainability Awards

Should you wish to contact NuGrow to discuss how NuGrow can assist your business or would simply like to find out more information, please log onto **www.NuGrow.com.au**