

# Bioenergy Innovation Challenge

## Driving the supply of renewable bioenergy capacity

Bioenergy has so much potential for Australia and US manufacturing. Did you know that the Australian Renewable Energy Agency estimates bioenergy could make up 33% of industrial heat processing requirements, (244 PJ of energy worth), or through renewable gas grid injection?

Driving the supply of renewable bioenergy generation will provide greener options for manufacturing, and provide circular economy benefits for waste sources.

As an industry leader in using over 13% bioenergy in manufacturing, we understand the critical role renewable bioenergy can have in producing low carbon products.

### Brickworks Bioenergy Challenge Elements

Element Type	Details
<b>Partnership</b>	Recently we were also pleased to announce a collaboration agreement with Delorean, whereby we will work together to investigate the feasibility of developing green synthetic natural gas facilities at our brick plants. If successful, each facility has the potential to displace up to 100,000 gigajoules per annum of fossil fuel gas with renewable biomethane.
<b>Innovation Challenge</b>	Supporting the Global Innovation Marketplace LEO. Connecting with over 100,000 innovators, 600 Universities across 120 countries. Sourcing innovative ways to incorporate bioenergy into the manufacture of bricks, masonry, precast and rooftiles.
<b>Case Studies</b>	Sharing case studies of our successful bioenergy projects, resulting in 13% of our energy being sourced from bioenergy.
<b>Specifying bioenergy and circular economy sources</b>	Sharing details on the type of bioenergy and circular economy reuse opportunities at Brickworks with potential sources.