



Business Climate Action Award

WINNER

Habla Zig-Zag International Pty Ltd

Energy Efficient Brick Kilns

In 2016, wholly Australian-owned company Habla Zig-Zag Kilns International Pty Ltd constructed and commissioned a unique Habla Zig-Zag Kiln (HZZK) in South Africa. The HZZK was built to demonstrate both technology and the international potential of addressing climate change through a clean, clay brick firing technology.



The HZZK reduces fuel consumption by 82% (compared to the Clamp kiln), more than halves emissions of CO₂ per brick, and reduces particulate matter emissions by over 90%. The HZZK successfully replaced the high-polluting, energy intensive South African clamp kiln with an energy efficient, low-carbon and commercially productive Australian technology.

www.hablakilns.com