

Destruction of Greenhouse Gases

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Through our patented Plascon® waste destruction technology, we are making a viable contribution in reducing greenhouse gas emissions to the atmosphere. In the last financial year, Plascon® technology was used to eliminate a quantity of greenhouse gases, equivalent to the CO₂ released by almost 1 million medium sized cars.

The Plascon® technology is used by SRL Plasma and is also provided around the world, to other companies for the elimination of non-CO₂ green house gases such as refrigerants and the byproducts of the manufacture of refrigerants.

During the last financial year SRL Plasma's plant in Victoria, Australia, destroyed 460 tonnes of refrigerant gas, predominantly R-22 which has a global warming potential (GWP) 1,700 times higher than that of CO₂. In total the plant eliminated greenhouse gases with a carbon dioxide equivalent (CDE) of over 1,500,000 tonnes. To put this in perspective: the average medium sized car produces about 4 tons of CO₂ per year, so Tottenham's effort is equivalent to a reduction of about 375,000 cars for one year.

SRL Plasma has supplied Plascon® plants to Quimobásicos S.A. de C.V and Honeywell Speciality Chemicals to work as an inline process in the elimination of R-23 (HCFC-23), a byproduct of the production of R-22 refrigerant gas.