

CASE STUDY

A-Gas Rapid Recovery Team Assists Toyota with the Road to Recovery



BACKGROUND

About Toyota South Africa Manufacturing

Toyota is one of the world's leading car manufacturers and has been manufacturing vehicles in South Africa since 1961.

With a workforce of 7200 employees, they have become as much a part of the South African culture as the vibrant South Africans that drive their vehicles. This is a milestone in their aim to demonstrate their ability to produce alternative energy vehicles in South Africa.

About A-Gas

A-Gas is the world leader in the supply and lifecycle management of refrigerants and associated products and services. Through our first-class recovery, reclamation, and repurposing processes, we capture refrigerants and fire protection gases for future re-use or safe destruction, thereby preventing harmful release into the atmosphere.

For almost 30 years, A-Gas has supported our clients and partners on their environmental journeys by supplying lower global warming gases and actively increasing the circularity of the industries we serve.

CHALLENGE

Following devastating floods in Kwa-Zulu Natal, Toyota, one of A-Gas South Africa's automotive customers suffered massive damage to its plant and inventory. Not wanting to compromise on their quality with damaged goods, Toyota took the decision to scrap 4500 vehicles that had been affected by the flood damage.

AT A GLANCE

Challenges

- 4500 flood damaged vehicles required refrigerant removing efficiently and effectively.
- Tight deadlines for scrapping of these vehicles

Benefits

- Prevented 1969 tons of CO₂-eq from being released into the atmosphere



"When faced with a devastating loss due to the floods in Durban we had to make some tough decisions. Deciding to work with the A-Gas Rapid Recovery team was definitely one of the easiest ones.

It was a pleasure working with a company that has the same environmental responsibility as us. Their team worked both efficiently and professionally on site assisting us in ensuring we play our part in achieving carbon neutrality."

Theunis Rootman

Vice President

Toyota South Africa Manufacturing

SOLUTION

A-Gas offered its Rapid Recovery service to recover refrigerant from damaged vehicles.

The team arrived on site with their mobile Rapid Recovery vehicle. This efficient and effective service prevented the release of approximately 1969 tons of CO₂-equivalent from being released into the atmosphere.



LUCKY MODIKOANE



RESULTS

The Rapid Recovery technicians showed a strong sense of purpose and excellent customer service with the many hours they spent on-site in Durban.

Their combined expertise, dedication and customer-focused approach not only benefited Toyota, it also prevented the unnecessary release of product to the atmosphere.

Over a period of six weeks the Rapid Recovery team recovered close to two tonnes of refrigerant from the 4500 flood damaged vehicles.

CONCLUSION

The recovery and reclamation of product also reduces the need for virgin gas to be manufactured.

This partnership demonstrates the commitment of both A-Gas and Toyota in a bid to drive circularity.



September 2022

Over a period of six weeks the Rapid Recovery team recovered close to two tonnes of refrigerant from the flood damaged vehicles, preventing 1969 tons of CO₂-eq from being released into the atmosphere.