## Waste Management

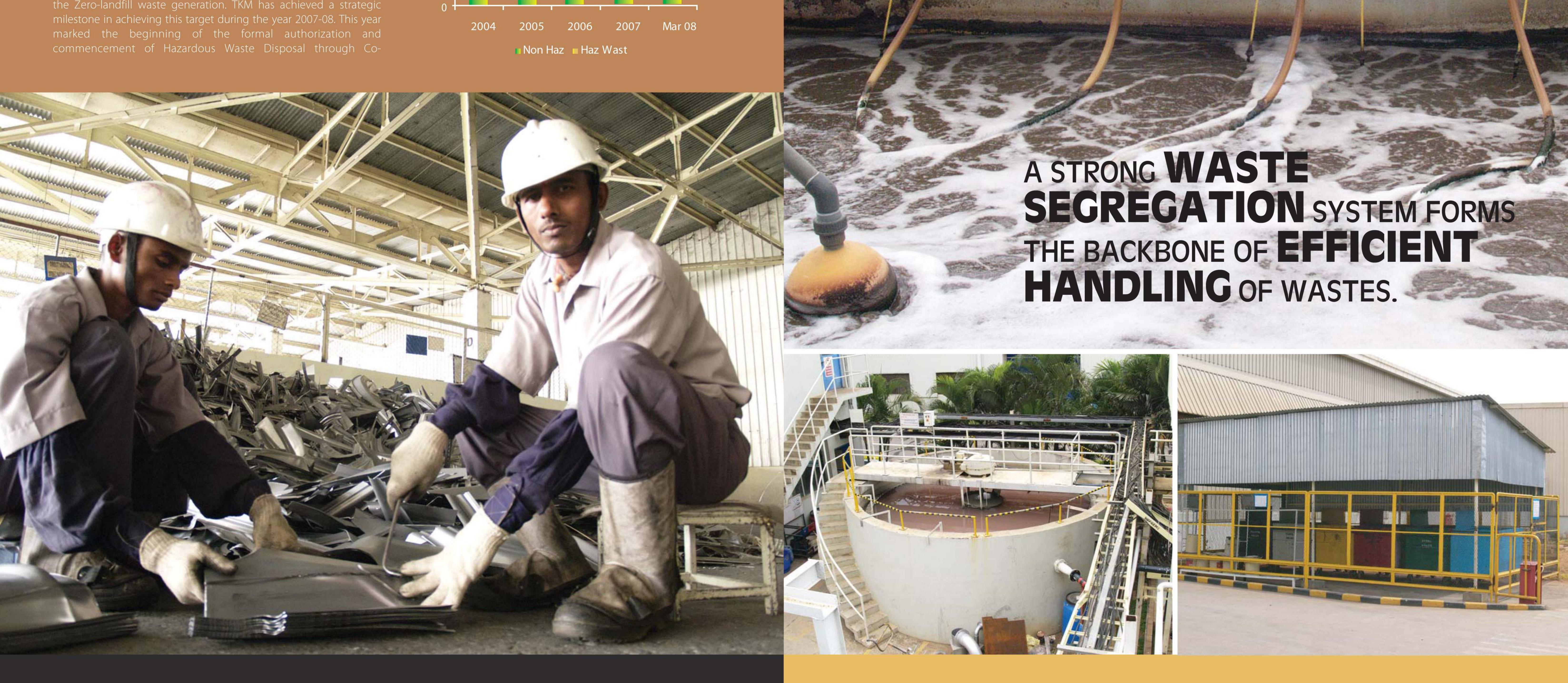
achieve zero land-fill waste generation. Keeping this point in mind, part of the trial burn process 140 tons of Hazardous wastes were Waste Management System has been strengthened to recover—disposed in the initial stage and further continuous disposal shall be maximum value from the waste. Waste which is not segregated facilitated in days to come. The concept of 5R as depicted below has usually looses its value and finds its way to Landfills.

A strong waste segregation system forms the backbone of efficient handling of wastes. As a result of Team member efforts and initiatives for continuous improvements, TKM has been able to reduce the Hazardous waste by 8.2% and Non-hazardous waste generation by 12.2%. The celebration of the theme based Environment Month Celebration with an aim to reduce Hazardous waste has also contributed greatly.

The Toyota Earth Charter (formulated in 1992, revised in 2000) embodies Toyota's comprehensive approach to environmental issues. The Toyota Earth Charter has been adopted by approximately 530 affiliates worldwide to date. In accordance with the Toyota Earth Charter, the promotion of environmental initiatives by each company is aimed towards the zero waste emissions. This includes the Zero-landfill waste generation. TKM has achieved a strategic

"Waste" is a local issue with a global impact. Our stated objective is to Processing at ACC Cement Plant at Wadi, Gulbarga, Karnataka. As a been extensively applied and possibilities for material reuse have been taken up.





## Steel Yield Improvement

Tier 2 of the activity is executed at the steel supplier. The specific The Three Tier requirements are passed on the supplier after close study of his various platfor process so that he makes the necessary changes in his system to improvement.

Supply the steel blanks as per the TKM's requirements.

The steel yield improvement activity is carried out in TKM with a dual motto.

- 1. Reduction of Steel Scrap which otherwise is wastage of natural resources.
- 2. Carbon dioxide emission reduction from steel manufacturing.

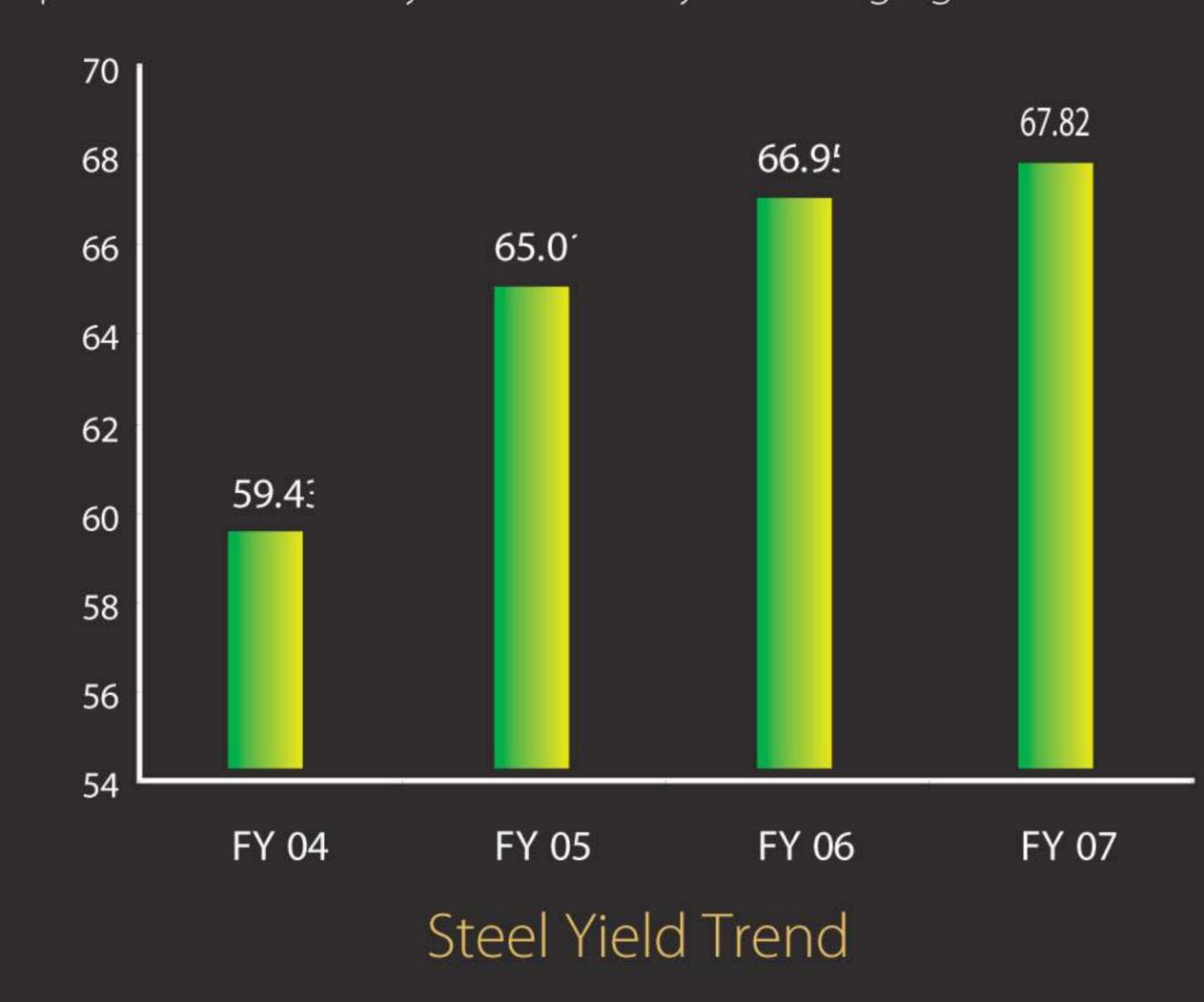
With this motto the steel reduction activity has been taken in a 3 - Tier Methodology.



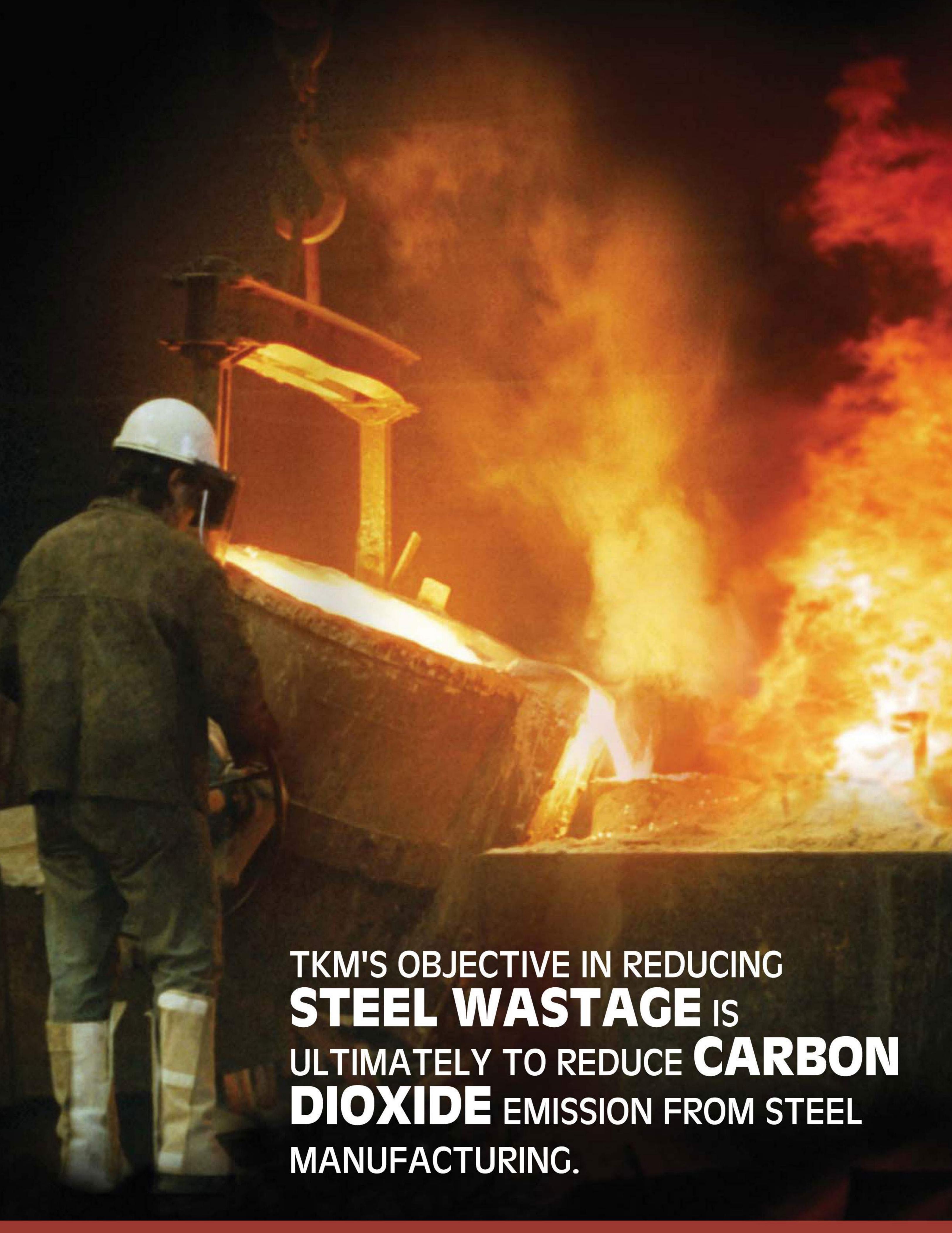
The Three Tier Activity will comprise of the executing kaizens at various platform to achieve one common goal called steel yield improvement.

The Tier 1 of the activity is executed inside the Press Shop at TKM. The various scrap panels or offals are examined thoroughly and the scope for reuse is identified. The reuse is done by stamping smaller parts of the car body by utilizing the scrap offals.

Tier 3 of the activity is carried out at the Non Auto Parts supplier where the utilization of our steel for the manufacture of non auto parts like electronic components, locks, gears etc are analyzed. The response in this activity has been very encouraging.

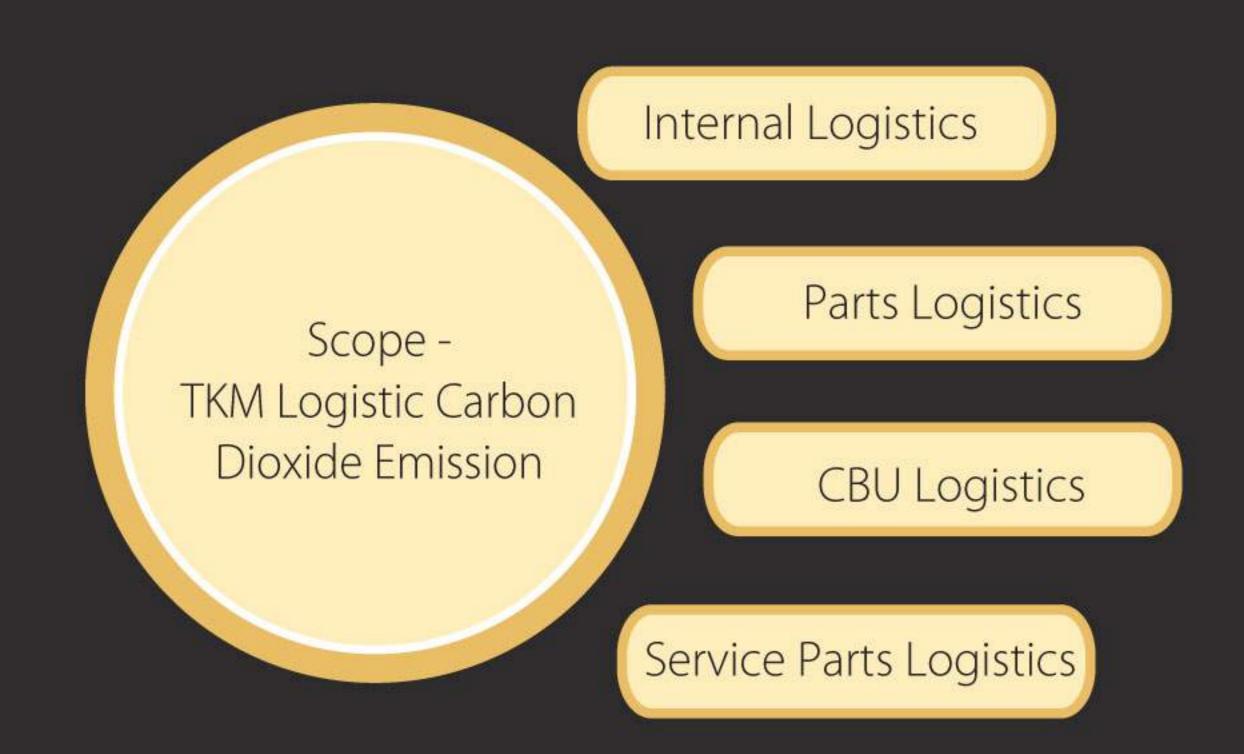


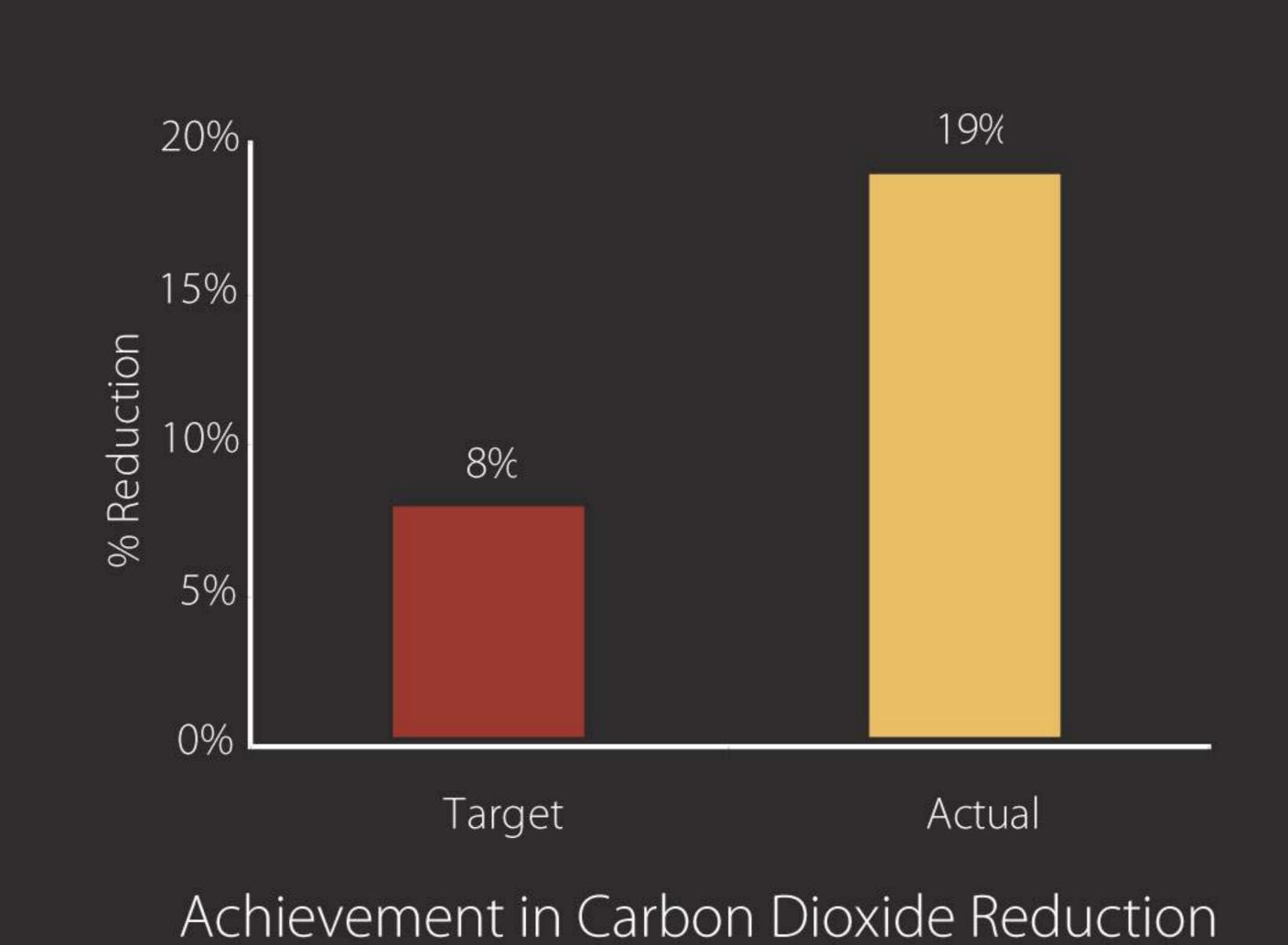




## Logistics

TKM has constantly strived to reduce carbon dioxide emissions from all its activities onsite to ensure a sustainable future for tomorrow. From the year 2006 onwards, we have started promoting environment conservation efforts in our logistic operations which includes transport of our finished cars, production parts & service or repair parts.

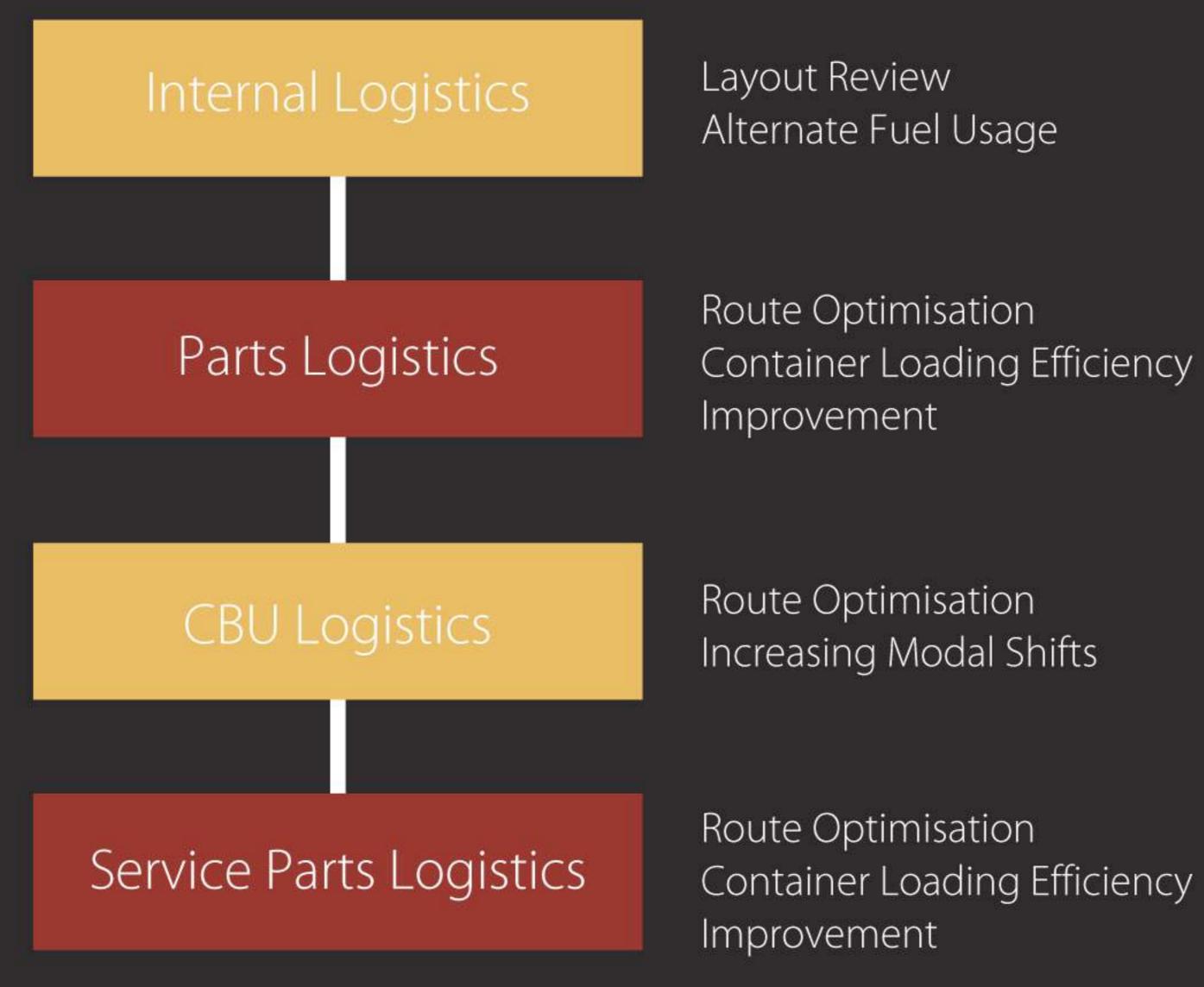






Scope for Carbon Dioxide Emission Reduction at TKM

The main strategy that we have adopted to reduce the carbon dioxide emissions are



With concrete plans and strategy in mind, our logistic division implemented the planned activities and in the end, against a target of 8% reduction of carbon dioxide, we achieved overwhelming results of 19% reduction. The success of the activity has motivated us to continue the improvement activity with more innovations in the form of Kaizens.

