



Fixing Pothole = CSI
13 April 2023

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SOCIAL INVESTMENT CONTINUED

MANGAUNG METRO MUNICIPALITY – POTHOLE AND STORMWATER DRAIN REPAIR INITIATIVE

The Group has embarked on an initiative to repair pothole-ridden roads and broken stormwater drain covers in and around the Mangaung Metropolitan Municipality (“the Metro”). While assisting the Metro in maintaining its existing infrastructure, the initiative is also alleviating the potential undue harm and costs any potholes may cause motorists and residents of the Metro.

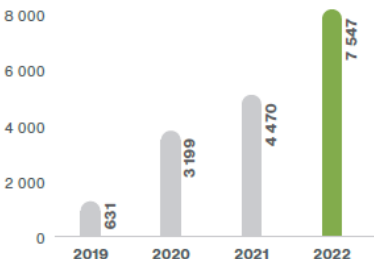
All work is being done on a pro bono basis and during the year the team managed to repair 7 547 (2021: 4 470) potholes and 269 (2021: 85) stormwater drains in the area at a cost of R980 000 (2021: R685 359). Repairs are generally completed within a week of being reported to the team.

Raubex is aware of its social responsibilities and believes that it is crucial for businesses to play a constructive role in the communities within which they operate. This project is one example of the flagship CSI initiatives currently being undertaken by the Group.

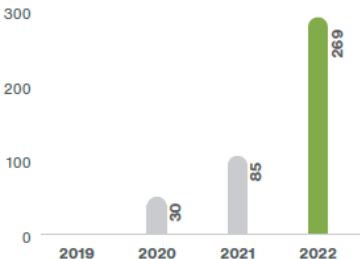
A **pothole** is a depression in a road surface, usually asphalt pavement, where traffic has removed broken pieces of the pavement. It is usually the result of water in the underlying soil structure and traffic passing over the affected area.

A **storm water drain** is an empty chamber that is installed into a drainage system to prevent silt and debris from building up and causing blockages. Storm water drains are essential in preventing drain pipe blockages.

Potholes fixed



Storm water drains installed

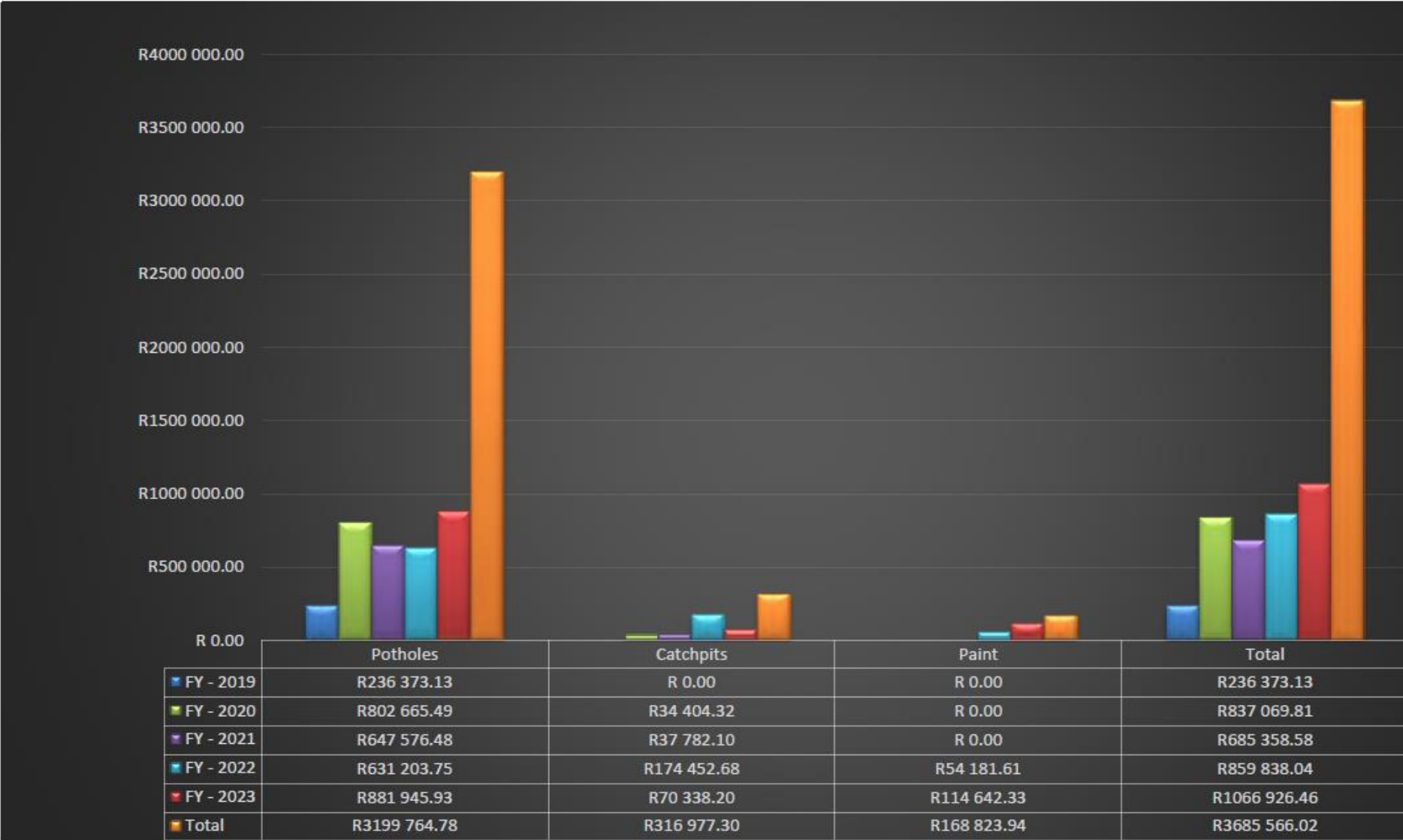


Raubex contributed R980 000 (2021: R685 359)

Amount contributed – 5 years

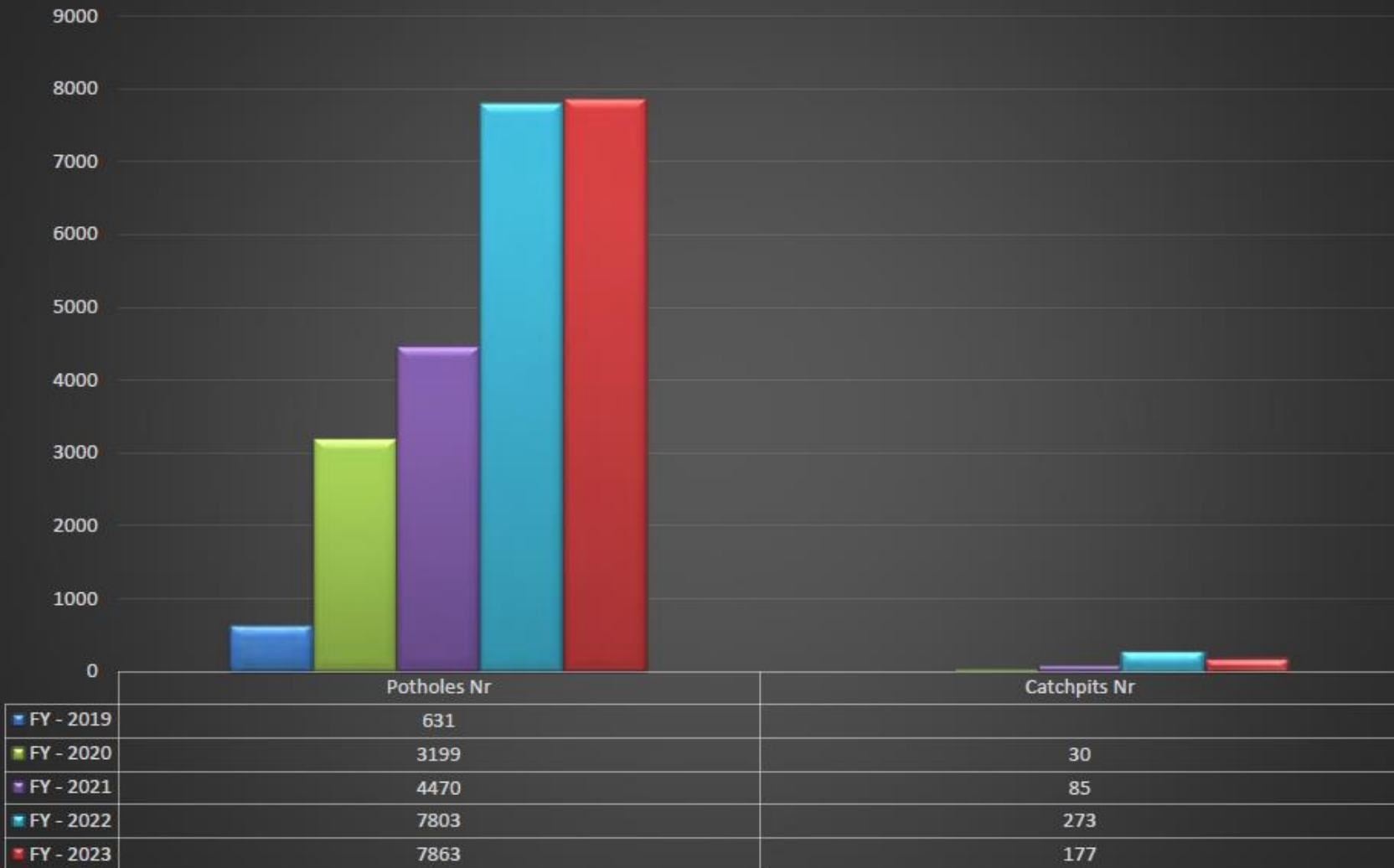


Raubex Pothole Project 2019 - 2023 – Amount

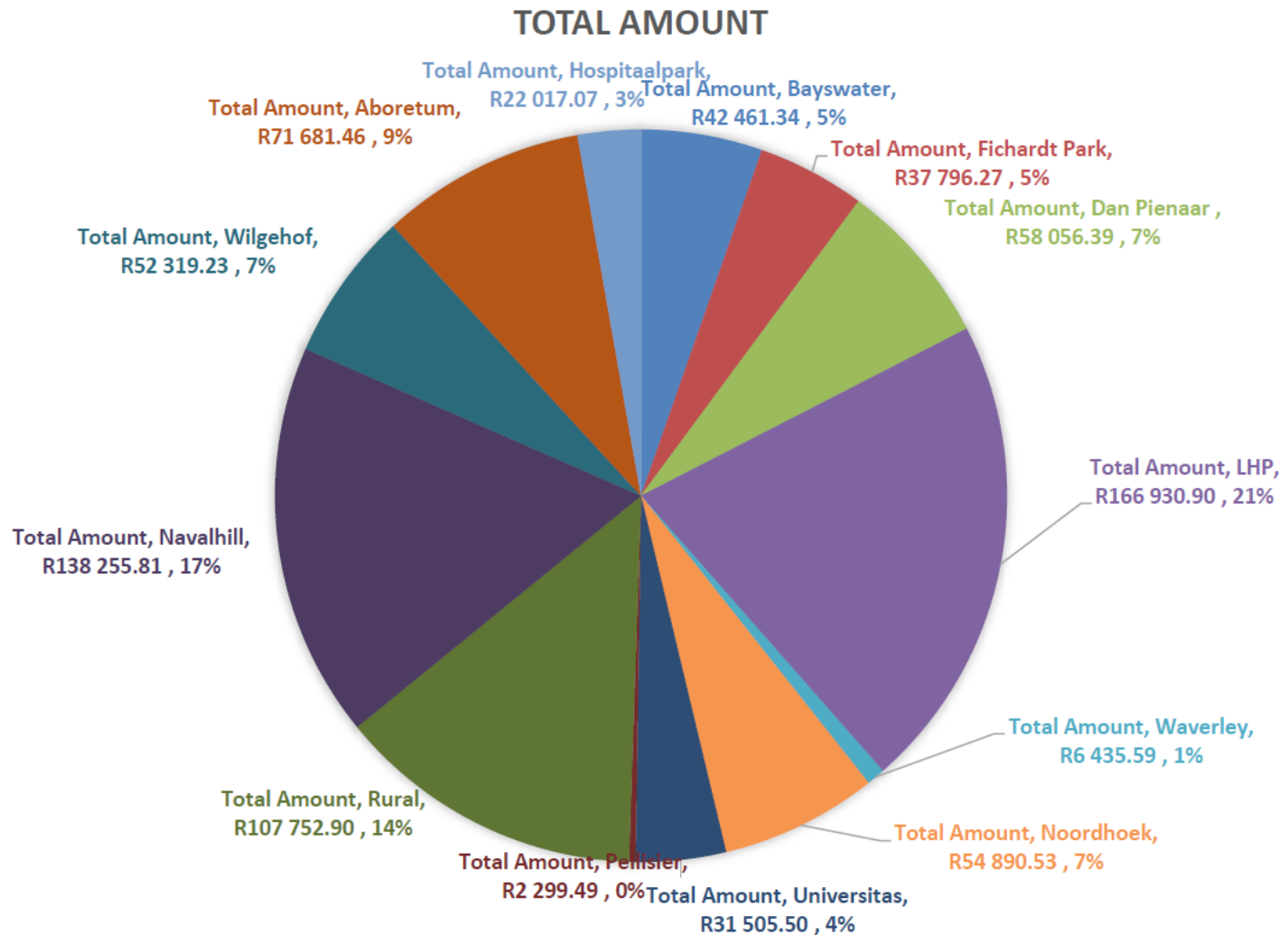


Numbers fixed – 5 years

Raubex Pothole Project 2019 - 2023 – Number



Suburb split



Not all Suburbs are included – (This list is Suburbs where most work was done)

Potholes – Before & After



Catchpits – Before & After



Painting – Schools & Intersections = safety





Team Potholes

AI managed, pothole repair ecosystem



Motus



"The South African National Roads Agency (Sanral) says the country's roads now have an estimated **25 million** potholes — around seven million more than the estimated households in the country. The number is also 10 million more than reported in 2017, **an increase of 67%** in five years."

21 October 2022.



Let's Patch Mzansi brings corporate South Africa, road users and unemployed people together in a civil society ecosystem through our "match-a-patch" model in order to improve the pothole crisis in SA.



Findings:

69%
of car owners had
damage as a result
of a pothole

33%
of car owners
prepared to pay
R100 p month

Up to
100
potholes per day can
be repaired -
supervised

Suggested next steps:

Scope:

- Development of pre/post AI driven whatsapp based application
- 2 new SMME teams
- 6 months
- R500,000 pilot costs

Metrics of success:

- Nr of potholes per team repaired (300 per team per month target)
- Accurate digital pre/post repairs record for municipality
- Match a patch test results (10% "pledges")



Q&A