

# IMPACTED JOB ROLES IN THE ENVIRONMENTAL SERVICES INDUSTRY

## General Cleaner and Waste Collection Crew



### Key job scope

- Increased use of digital tools, robotics and automation
- Increased communication with customer, including troubleshooting operational issues

### Skill sets required

- Communication
- Problem Solving
- Robotics and Automation
- Internet of Things

## Waste Recycling Sorter



### Key job scope

- Increased use of digital tools, robotics and automation

### Skill sets required

- Communication
- Problem Solving
- Robotics and Automation
- Internet of Things

The **General Cleaner** carries out operational duties using mechanical multi-functional trolley in accordance with the assigned schedules. He/she pulls and manage heavy equipment ensuring that all areas are cleaned up within the time frame of the shift. With the introduction to Automated Robots, activities such as dust cleaning, damp mopping, sweeping and vacuuming can be replaced by technology integrated with Artificial Intelligence with autonomous scrubbing features and other functions for areas like high floor window cleaning. Such roles may be at risk of redundancy since large number of cleaners are no longer necessary.