Access on Improved Sanitation in Kigali City

Access on improved sanitation globally

- 1990: 54% access to improved sanitation
- 2015: 68% access to improved sanitation
- 2018: Over 2.4 billion people lack access to improved sanitation

Source: (UN, 2015; WHO, 2018)

Deaths caused by poor sanitation globally

- 842,000 people die annually due to inadequate water, sanitation and hygiene (WHO, 2018)
- 502,000 people die due to contaminated drinking water (WHO, 2018)
- 280,000 sanitation is the main cause of the deaths above

Access on improved sanitation in Rwanda

- 2000: 51.5% Rwandans with access to improved sanitation
- 2017: 87.3% Rwandans with access to improved sanitation
- 2018: 93.9% of urban dwellers (NISR, 2018)
- 2018: 85.9% of rural dwellers (NISR, 2018)
- 2030: Rwanda targets to achieve 100% improved sanitation (Mininfra, 2017)
Access on improved sanitation in Kigali City

- 95.1% Kigali City residents (NISR, 2018)
- 56.3% Kigali City residents in informal settlements (Tsinda et. al., 2013)

The Status of Liquid Waste Management in Kigali City

- 32,040 m³ daily waste water is discharged into channels in Kigali City (Umuhoro, 2010)

The status of Solid Waste Management in Kigali City

- 300 tons solid waste are dumped at Nduba communal landfill every day
- 2% solid waste dumped at Nduba landfill is recycled

- 7000Rwf The maximum monthly amount of money paid by a household to a solid waste collection company
- 1000Rwf The monthly minimum amount of money paid by a household to the solid waste collection company

Challenges facing liquid and solid waste management in Kigali City

- Lack a centralized sewage system to handle liquid waste
- Lack of a modern landfill to handle solid waste
- Limited number of specialized solid waste collection vehicles
- Limited roads in informal settlements affect solid and liquid waste disposal

Initiatives to improve waste management in Kigali City

- Construction of a centralized sewage system and treatment plan
- Construction of modern landfill to improve waste disposal, sorting and recycling
- Encouraging private sector investments in solid waste recycling

Source: (IPAR-Rwanda)