

ABOUT IQVIA

History

Quintiles and IMS Health merged in 2016 to form a completely new company capable of servicing the healthcare market like never before. IQVIA combines data science, technology, and healthcare knowledge to assist customers in making better decisions and improving patient outcomes.

Vision

A world where data science advances and human innovation collide to create innovative ways to improve human health.

Mission

The goal is to contribute to a healthy world. The exponential development achieved by speeding innovations and establishing intelligent links across the healthcare ecosystem.

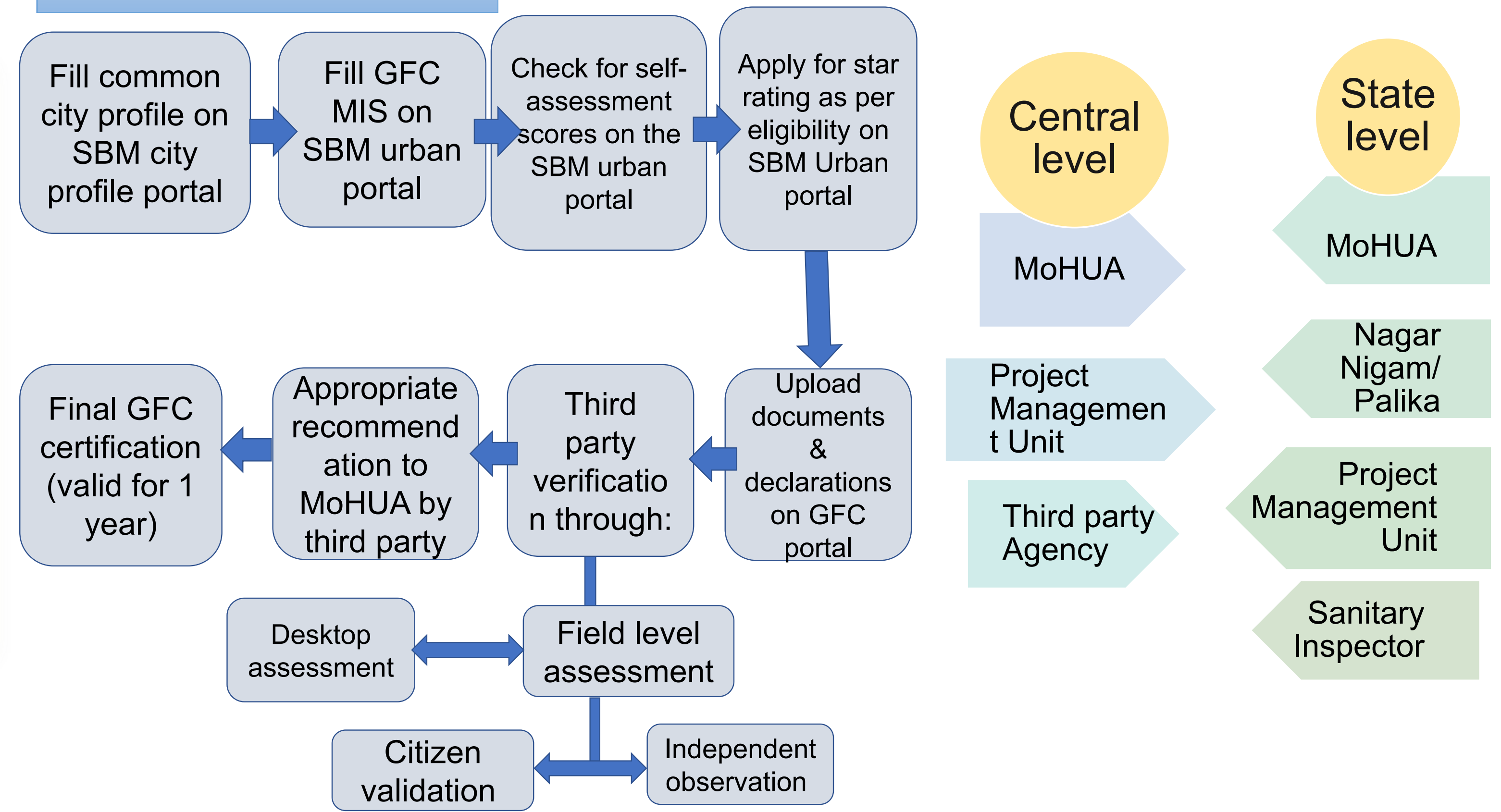
Healthcare Industry

- Companies that provide clinical services, manufacture medications and medical equipment, and provide healthcare-related support services such as medical insurance are all part of the healthcare industry.
- There are five levels of healthcare needs: Environmental health needs, Basic healthcare needs, Medically necessary needs, Preventative care, and Wellness services, and Health enhancements.

Practical Exposure and Theoretical work

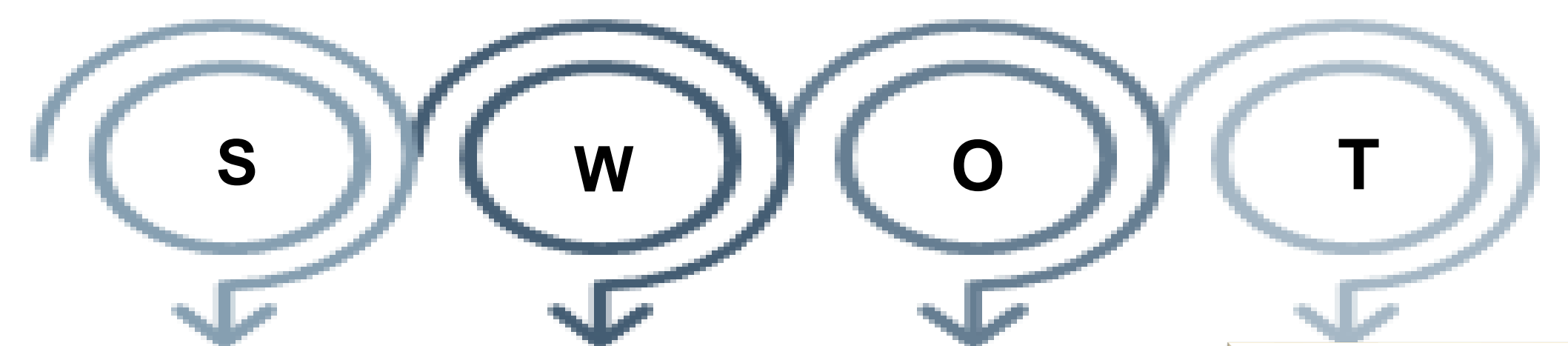
- Theoretical knowledge allows for a more in-depth grasp of a notion by placing it in the perspective of understanding why it exists whereas practical knowledge can provide the best learning exposure.
- Experimenting and studying with practical information allows us to be self-sufficient and work on our own.

PROCESS FLOW



Key components

Household Toilets	Community Toilets	Public Toilets
Information, Education and Communication (IEC) & Public Awareness	Solid Waste Management	Capacity Building & Administrative and Office expenses



- Strengths (S):**
 - Flexibility for states in programme implementation
 - Technological innovations
 - State level workshops
- Weaknesses (W):**
 - Behavioral change
 - Toilet construction without demand generation
 - Maintenance
- Opportunities (O):**
 - Waste management through biogas/gobar gas plant/Domestic biogas plants
 - Future sanitation reforms must utilize other unique mechanisms
- Threats (T):**
 - Recycling solid waste is a big problem
 - Changes in administration and leadership
 - Change the mindsets of the people

USEFULNESS

- Interaction with industry veterans, resulting in extensive exposure and experience
- Opportunity to work out on a module, end to end.
- Understanding the different horizons of a healthcare business model
- Augmentation of problem-solving and analytical skills.
- Coordination and teamwork skills have been acquired to ensure that projects run well.
- Excel skills improvement

Challenges

- Limited practical exposure
- Inability to communicate with project leaders
- Frequent alterations in geographic location.
- Language barrier while evaluating documents.

Suggestions

- Implementing the SBM project into the educational curriculum
- Robust investments towards infrastructure and capacity building
- Raise awareness at the grassroots level by organizing campaigns in villages and communities.
- To understand the community's expectations

Innovations and technology

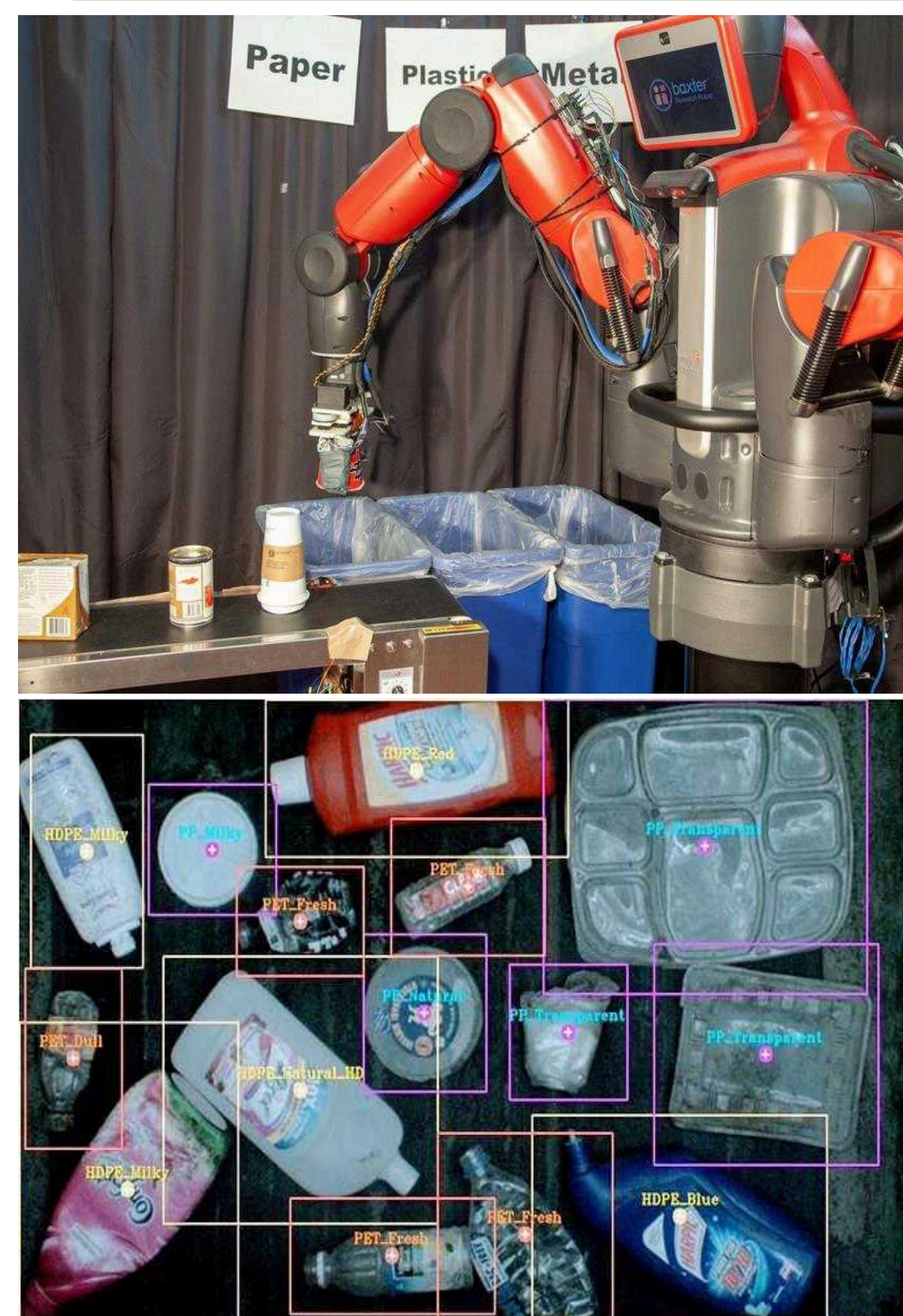
Role of Artificial Intelligence in solid waste management

AI in garbage disposal and smart recycling

AI reads the tag to determine the type of garbage and sends it to the main server for analysis

The main server compares the various garbage categories and picks an appropriate disposal or recyclable products.

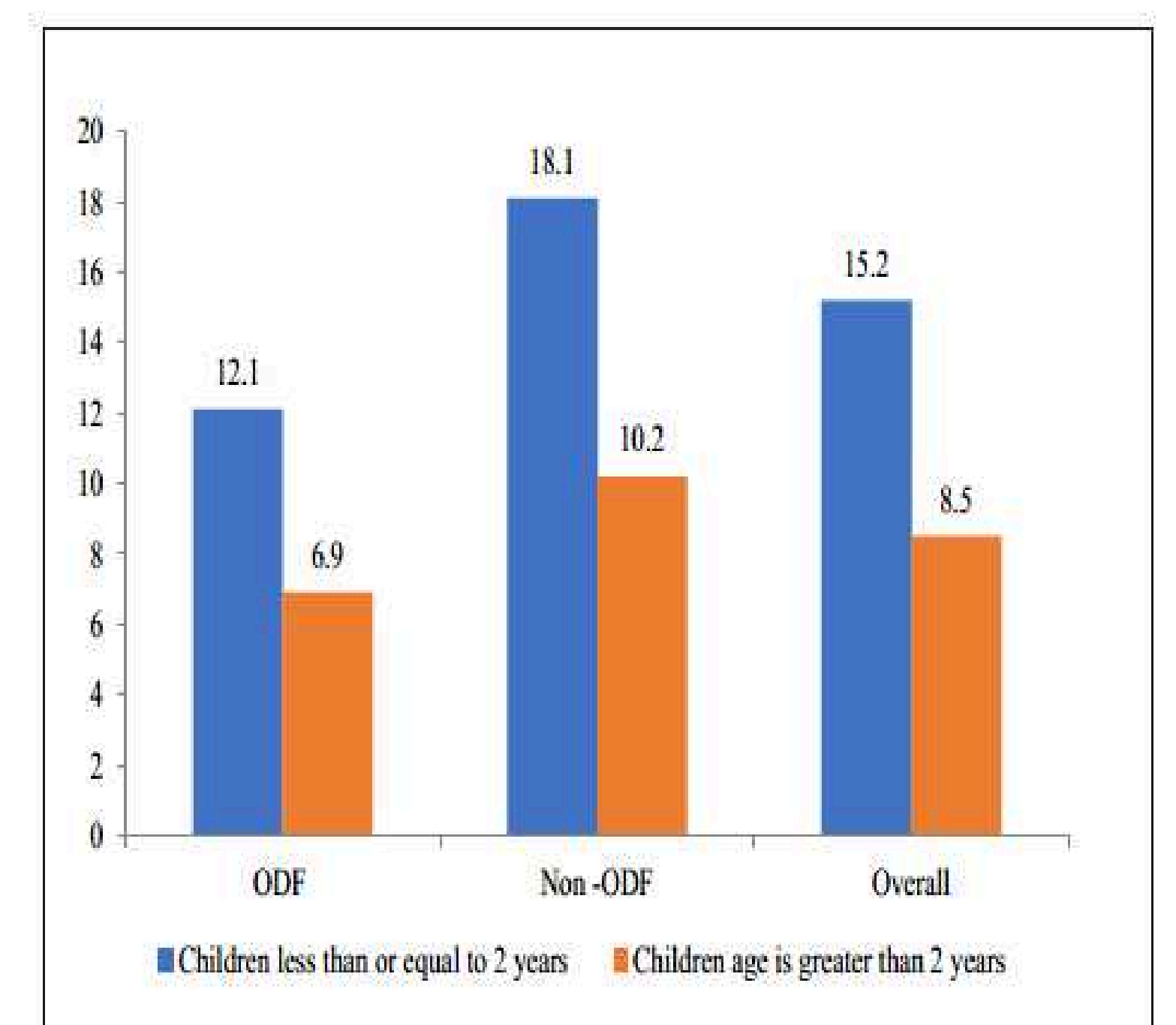
Safe disposal or clean recycling of the solid waste is carried out.



AI-Powered Vision is a self-learning computer that comes with industrial cameras, sensors, and neural networks that learn about waste by grabbing images and detecting recyclables on the conveyors.

Impact of Swachh Bharat Mission

Figure 12: Prevalence of diarrhoea in ODF and Non-ODF areas in 2017 (in per cent)



Base (All children): 4985

Source: Ministry of Drinking Water and Sanitation

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