As a solution of the given problem we have planned a system which contains public, node, municipality and a transportation systems which binds these aspects together.

node will be will be responsible for the efficient collection of garbage through smart vehicles. Depending on the garbage produced by the ward the node will decide the method of management, that is required. The node is also capable of handling exceptional situations.

An application will be provided which will support the entire set-up. It will meet the requirements of each end (driver, user, node and municipality).

The main focus will be on collection and transportation of garbage by the municipality following a designed optimized path.

We are planning to develop an automated smart sorting system that will segregate the garbage into wet , dry and metallic waste which is produced at the node. The sorted garbage will be handled by the municipality based on their utility.