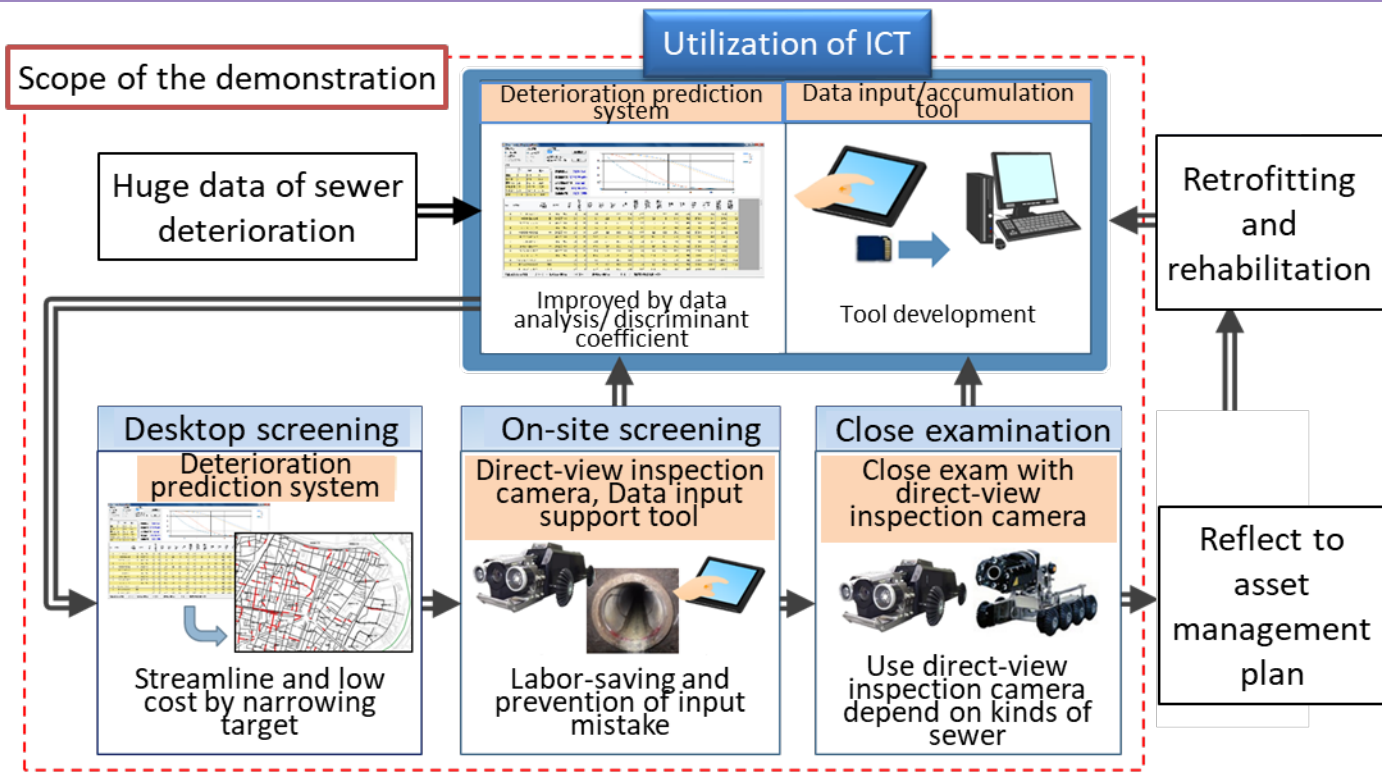


# Demonstration on Comprehensive Gradual Sewer Diagnosis System by Using ICT

Implementer: The consortium of Clearwater OSAKA Corporation, JS, and Osaka City

Deterioration prediction system, data input and accumulation tools using ICT, and direct inspection cameras to streamline pipeline diagnostics



## Technology Overview

- Deterioration prediction system: utilizing data on the attributes and deterioration of sewer pipelines, analyzes the deterioration trend of pipelines and calculates priorities for inspection and investigation
- Data input/accumulation tool: accumulates pipeline information and inspection results entered in the field by smartphones as O&M data.
- Direct-view inspection camera: specializes in screening, requiring no pre-cleaning or pausing at abnormalities as with conventional cameras.

## Achievements

- Narrowing investigation target enables streamlining and low costs
- On-site screening enhances streamlining
- Data input/accumulation tool enables low costs