

RISK-PiNET2.0 : Pipeline Monitoring and Assessment Ensuring WQ in Water Distribution System

Software - Pipe Condition Assessment, Contamination Risk Assessment and Replacement planning

Modules

- Pipe Condition Assessment
- Hazard Assessment
- Risk Assessment

Features

- Modular software
- Full GIS Support
- Mapping on Open Street Map
- Auto report generation
- User-friendly Interface
- Tested with Field Data

User Benefits

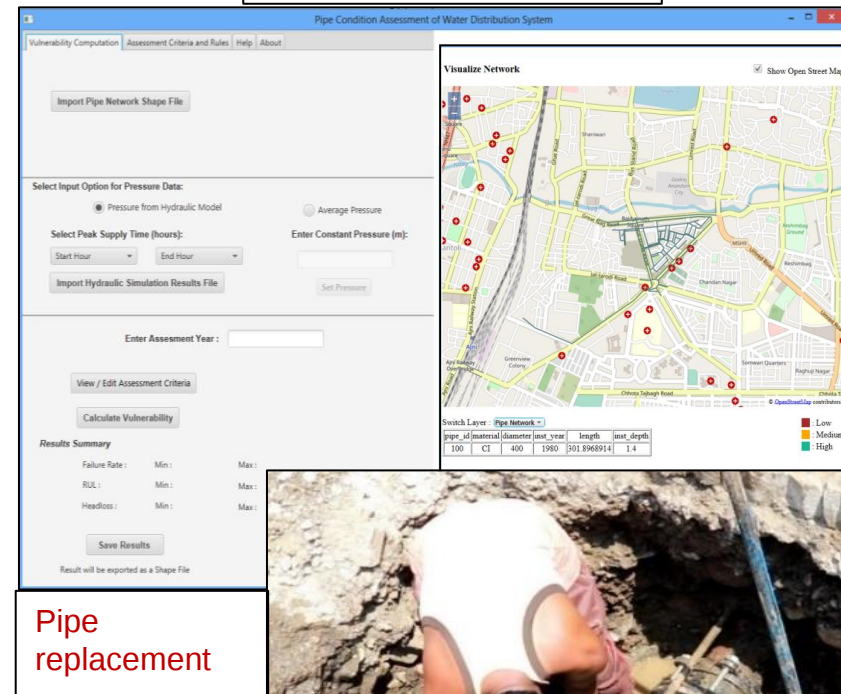
- Improved Assessment and Management
- Ensure - Water Quality Management

Future Scope

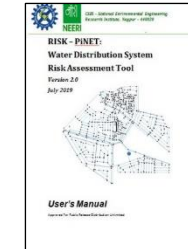
- Licensing of the software
- Smart cities Implementation
- Gram Panchayat and Nagar Palika under JJM Project ✓

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RISK-PiNET software



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Demonstrations

- Workshop for Municipal Corporations Staff
Aug 9, 2019
- Exhibition Smart Urbanation 2019, Bengaluru :
60 companies visited
- Video Documentary for wide circulation
- Online Webinars - Municipal Corporations
and Water Boards

Demonstration of Software:

<https://www.youtube.com/watch?v=wOkgtaXMxM> (14 min)

<https://www.youtube.com/watch?v=N1BhMebJnws> (1.5 min)

<https://youtu.be/CmjPnYzvESQ?list=PLy6dQHwJSHVGtAtA3RiIRdcA2hJwELueb>

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Technology Readiness Level (TRL) – Achieved TRL 5, demonstrating validated functionality in a real-world operational environment.