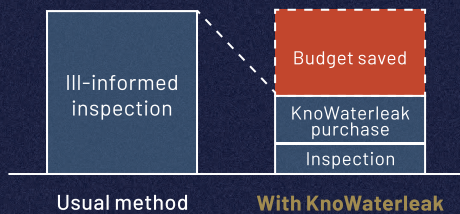# KnoWaterleak

The Water leakage risk mapping software KnoWaterleak helps you:

1. Locate more water leaks at significantly reduced cost
2. Accelerate, plan your operations efficiently
3. Accelerate your process' digitalization and internal collaboration
4. Aggregate all your data and environmental data in one place

Leaks detected every 100m

×20

68 POI

4 POI

Usual method   **With KnoWaterleak**

52% cost reduction

Ill-informed inspection

Budget saved

KnoWaterleak purchase

Inspection

Usual method   **With KnoWaterleak**


```
Seq ID      08973334
Date        10 Aug 2022
Key No.     Y309214M
Type        Metal Corrosion
```

With a 100m spatial resolution, KnoWaterleak maps:

- Urban area prone to severe water leakage risk
- Urban area of critical importance
- Environmental data (land surface, temperature, rainfall, land motion, traffic, etc)
- Your water network and its components (pumps, valves, sensors, etc)

KnoWaterleak Workflow

KnoWaterleak aggregates historical Smart data (network, environment, inspection). Its AI/ML algorithms correlate risks factors with leakage occurrences and calculate pipe deterioration as well as water leakage risk.

Tenchijin Inc.

Tokyo-headquartered start-up Tenchijin provides its AI powered "Land Evaluation Engine" COMPASS. COMPASS fuses and layers Smart data (weather, land, economy, society, etc) to evaluate world-wide lands' potential, risks and performances, solve social issues related to water, energy and food access and drive business efficiency and sustainability.

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