

Asset Advanced[®]

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An asset management optimizer
that helps utilities maintain
continuity of service





A software to plan your asset renovation and maintenance to:

Optimize existing assets

Plan the replacement and maintenance of your assets depending on the risk of failure, the impact on the service and the evolution of your assets over time.

Provide better services

Anticipate asset failures and provide better services for citizens.

Preserve the environment

Avoid leaks, make your assets last longer and replace your asset only when necessary.

Improve your ROI

Plan major infrastructure replacement to improve your ROI. Find alternatives to replacement and make your assets last longer.

Manage multiple assets with one single platform

Manage your assets in one unique platform, take into account multiple specific degradation models and group the renovation of multiple assets at the same time.

With Asset Advanced®:



Visualise all your assets in one place



Identify your assets at most risk in one glance



Compare different scenarii in the **dynamic dashboard** depending on the budget allocated



Anticipate impacts of asset failure, renovation and maintenance on the environment, your customers and your finances



Plan your renovation and maintenance rounds **depending on the priority**



Take into account your **objectives, constraints and asset models**



Asset Advanced® is a cutting edge software that predicts asset failure

Truly a multi-asset software already compatible with assets in:

Working in 6 steps:

1 DATA STORAGE

Relevant data collected from different sources (GIS, CMMS, EAM, CRM, simulation models) is processed and stored in one single database, processed, and accessible from a unique platform.

2 CONDITION ASSESSMENT

Assess the current state of asset degradation. Map your entire network with minimal inspections.

3 FAILURE ANALYSIS

Predict the evolution of asset degradation according to multiple degradation factors. Get access to a library of advanced models (multi-criteria, stochastic and machine-learning) for each asset according to your needs.

4 RISK ANALYSIS

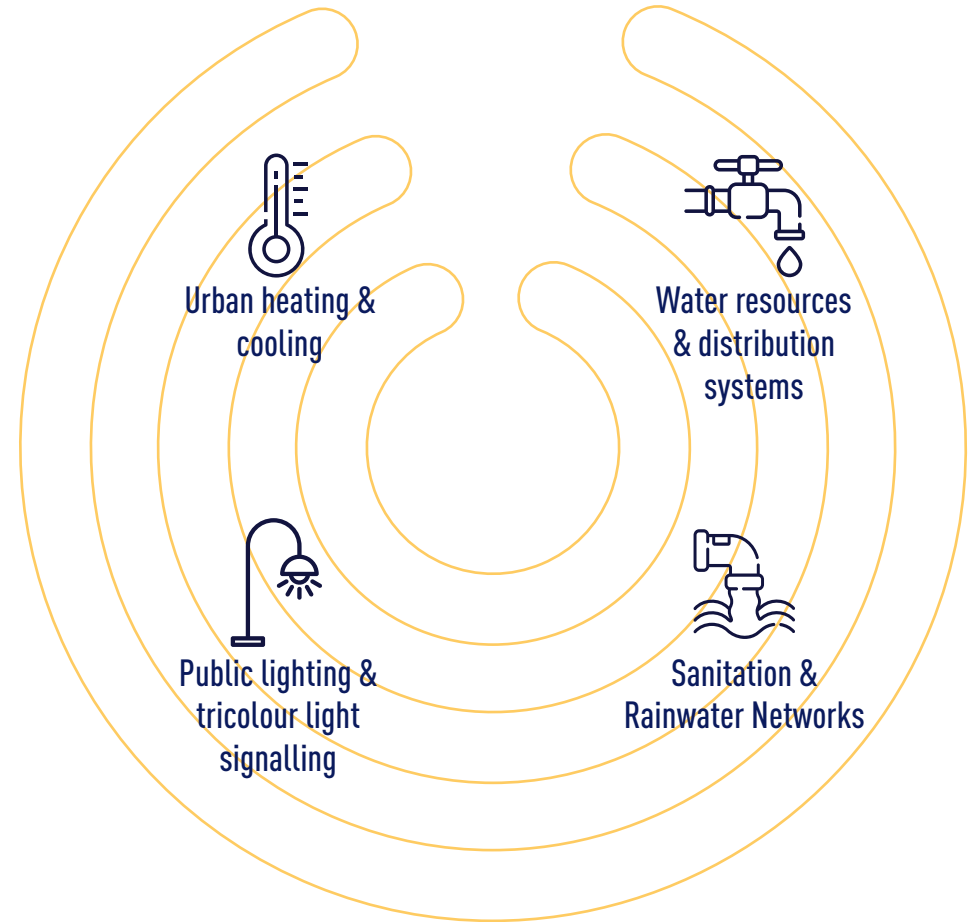
Predict the evolution of risk, taking into account financial, social and environmental consequences of failure. Evaluate the impact of failure in service levels.

5 PRIORITIZE

Define renovation priorities considering investment limitations, long term impact of cost of operations increase and risk exposure. Define alternatives to renovation to preserve your assets in the long-run.

6 GEO-SPATIAL GROUPING

Group and rationalise tasks for different assets in the same area and create a practical renewal plan.



Optimizing capital investments and operations *

* Inspections, cleaning, maintenance rounds, etc



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