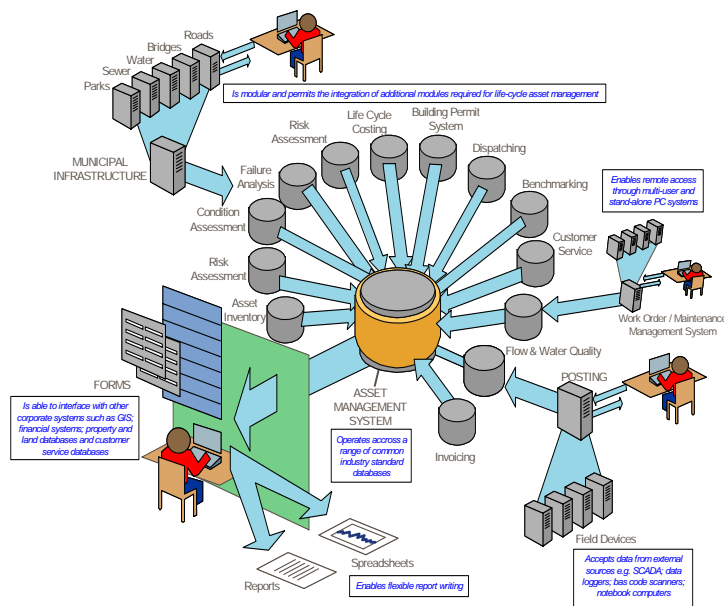


Strategic Infrastructure Asset Management Plan



The City of Prince George identified the need for a plan to provide guidance for the implementation of an asset management plan during subsequent stages. The City retained Earth Tech to develop a Strategic Infrastructure Management Plan (SIMP) to report on the current status of the Department's asset knowledge and the steps needed to complete the tasks of answering the "Six Whats" of asset management. The SIMP provided a series of tasks for each of the City's operating divisions to follow in implementing the asset management plan, complete with estimates of time and cost to perform the work.

The first step in the study was to determine the City's current asset knowledge by assessing the "Six Whats" of Asset Management for each of the utilities, parks and transportation infrastructure classes.

The second step in the study was to compare with Municipal Best Practices. The project team conducted an asset management "gap" analysis between the observed level of asset knowledge within the City, and municipal best practices as defined by best practice guidelines such as the National Guide on Sustainable Municipal Best Practices and the NRC's Municipal Infrastructure Investment Planning project. The outcome of this gap analysis forms the foundation of a defensible business case to support the Functional Infrastructure Management Plan.

The final step in the study was to make recommendations on the optimal asset management solution for the City of Prince George and the precise steps on how this solution should be implemented.

PROJECT DETAILS

CLIENT: City of Prince George
 LOCATION: British Columbia, Canada

REFERENCE INFORMATION

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 TEL: 250.561.7663

PROBLEM

The City of Prince George wanted a plan to ensure that they can stay on track while implementing an asset management plan.

CHALLENGES

Defining the information system needed to support the City's asset management plan and identifying staff training needs.

SOLUTION

Development of a Strategic Infrastructure Asset Management Plan (SIMP) through a three step process of determining the City's current asset knowledge; comparing with municipal best practices through a "gap" analysis and recommending the optimal asset management solution for the City.

BENEFITS

The SIMP will provide the City with the guidance needed to stay on course as the asset management plan is implemented in subsequent stages. Ultimately this will enable the City to meet required levels of service in the most cost effective manner and ensure the long-term financial sustainability of municipal infrastructure.