



**INFRASTRUCTURE & PLANNING APPROACHES FOR MORE  
RESILIENT SYSTEMS**  
CANADIAN WATER NETWORK – BLUE CITIES 2016

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# AM APPROACHES FOR MORE RESILIENT SYSTEMS

## THE ASSET MANAGEMENT ROADMAP/PLANNING

ORGANIZATIONAL ASSESSMENT

CORPORATE ASSET MANAGEMENT STRATEGY

DATA GAP ANALYSIS

LIFECYCLE FRAMEWORK

ASSET MANAGEMENT PLANS

RISK MODELLING

FINANCIAL MODELLING & CAPACITY

big  
data



# AM APPROACHES FOR MORE RESILIENT SYSTEMS

## THE DATA

125 ASSET MANAGEMENT PLANS

300 MUNICIPAL CLIENTS

## INFRASTRUCTURE DATABASE OF CANADA

PROVIDE A NATIONAL PERFORMANCE MEASUREMENT TOOL

TRENDING

ANALYTICS

STANDARDIZATION



# AM APPROACHES FOR MORE RESILIENT SYSTEMS

## THE OBJECTIVE

COMPARATIVE DATA TO ALIGN WITH INDUSTRY STANDARDS & OTHER MUNICIPALITIES

LOOKING OUTWARD VS. INWARD

COMMUNICATION TOOL

IDENTIFY STATISTICAL ANOMALIES IN INFRASTRUCTURE EXPENDITURES

IMPROVED DECISION MAKING

COSTS OF SERVICES MORE TRANSPARENT

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