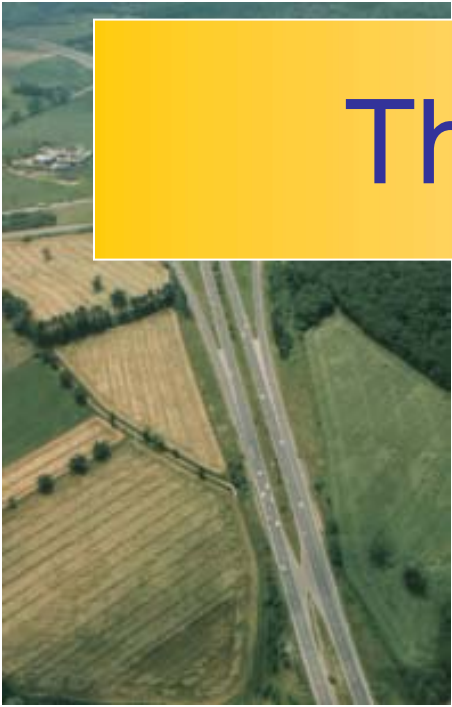


RIVA ONLINE 

Planning for a Sustainable Future.

LOKI INNOVATIONS 

The State of our Assets



Is Value Enough?

Asset Group	Current	Previous	Trend
Roads	100M	105M	↓
Water	75M	78M	↓
Wastewater	50M	49M	↑
Parks	60M	62M	↓

PSAB: Guidelines to Transparency

- What are each of these groups of assets worth?
- Is depreciated value enough to support transparency?
- What level of detail does the public need to understand the state of its assets?

Musings on Statistics

Figures often beguile me, particularly when I have the arranging of them myself; in which case the remark attributed to Disraeli would often apply with justice and force:

"There are three kinds of lies: lies, damned lies and statistics."



Asset Inventory

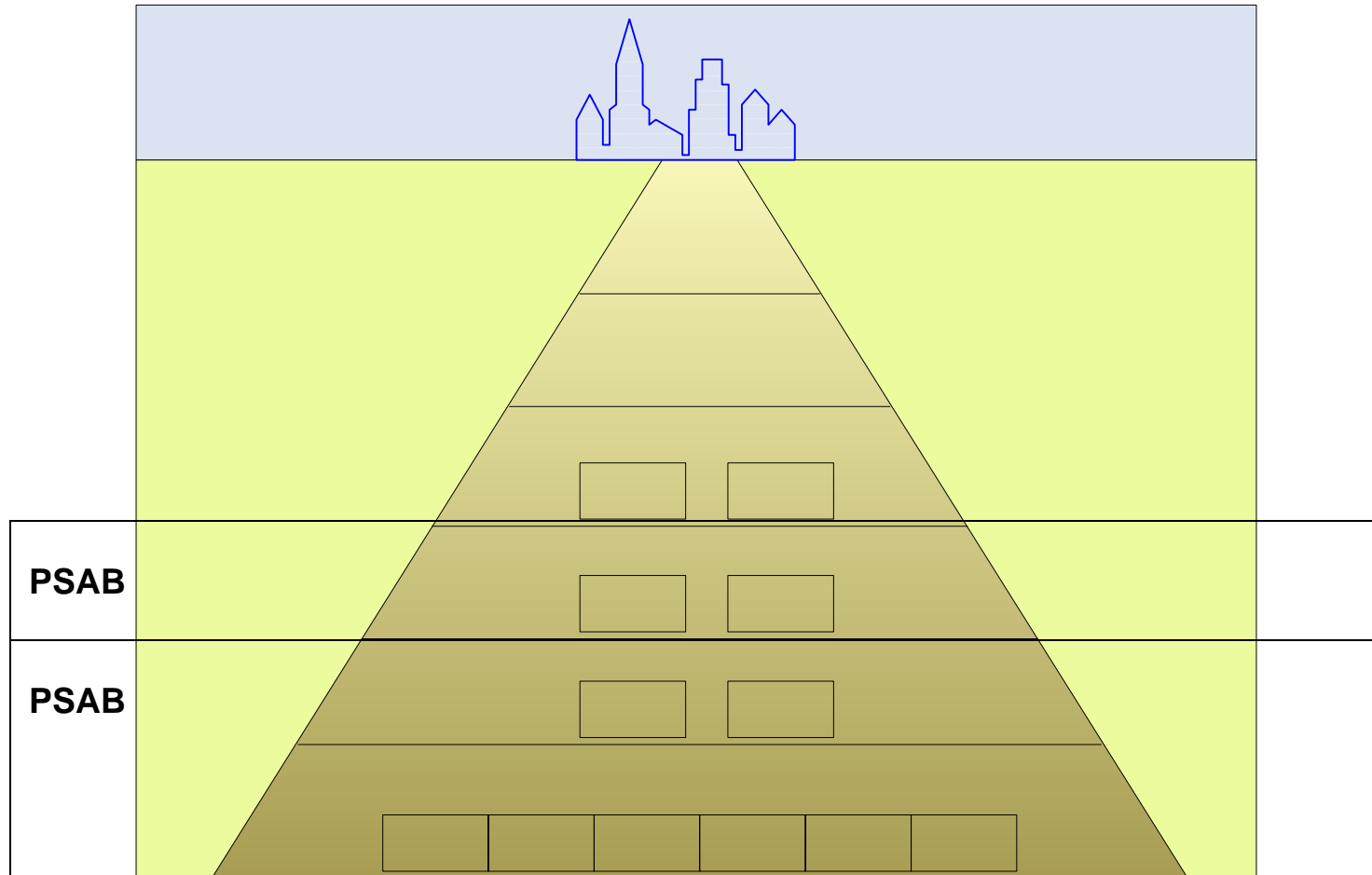
Growth for Canada

Rows 1 to 50 of 4474
Page: < Prev [1] 2 3 4 5 ... Next >

Add Column	Name	Asset Type	Constructed	Parent	Code
	WSL CENTRIFUGE 1	FlexAsset	2002-01-01 00:00:00.	WSLCentrifuges	1001
	WSL CENTRIFUGE 2	Centrifuge	2001-01-01 00:00:00.	WSLCentrifuges	1002
	AERATOR 6	Aerator	1995-01-01 00:00:00.	Aerators	1024
	AERATOR 1	Aerator	1995-01-01 00:00:00.	Aerators	1019
	DIGESTER MIXER 1	Digester Mixers	1995-01-01 00:00:00.	DigesterMixers	1007
	DIGESTER MIXER 3	Digester Mixers	1995-01-01 00:00:00.	DigesterMixers	1009
	COMBUSTION TURBINE G	Combustion Turbine G	1995-01-01 00:00:00.	CombustionTurbineGen	1035
	STEAM TURBINE GENERA	Steam Turbine Genera	1995-01-01 00:00:00.	SteamTurbineGenerato	1039
	STEAM TURBINE GENERA	Steam Turbine Genera	1995-01-01 00:00:00.	SteamTurbineGenerato	1040
	STEAM TURBINE GENERA	Steam Turbine Genera	1995-01-01 00:00:00.	SteamTurbineGenerato	1041
	WSL CENTRIFUGE 6	Centrifuge	1995-01-01 00:00:00.	WSLCentrifuges	1006
	REACTOR MIXER 1	Reactor Mixer	1995-01-01 00:00:00.	ReactorMixers	1013
	REACTOR MIXER 3	Reactor Mixer	1995-01-01 00:00:00.	ReactorMixers	1015
	AERATOR 3	Aerator	1995-01-01 00:00:00.	Aerators	1021
	DEERIS	Plant	1995-01-01 00:00:00.	WasteTreatmentPlants	
	WSL CENTRIFUGE 4	Centrifuge	1995-01-01 00:00:00.	WSLCentrifuges	1004
	AERATOR 4	Aerator	1995-01-01 00:00:00.	Aerators	1022
	DIGESTER MIXER 4	Digester Mixers	1995-01-01 00:00:00.	DigesterMixers	1010
	DIGESTER MIXER 5	Digester Mixers	1995-01-01 00:00:00.	DigesterMixers	1011
	COMBUSTION TURBINE G	Combustion Turbine G	1995-01-01 00:00:00.	CombustionTurbineGen	1034
	COMBUSTION TURBINE G	Combustion Turbine G	1995-01-01 00:00:00.	CombustionTurbineGen	1036
	COMBUSTION TURBINE G	Combustion Turbine G	1995-01-01 00:00:00.	CombustionTurbineGen	1037
	STEAM TURBINE GENERA	Steam Turbine Genera	1995-01-01 00:00:00.	SteamTurbineGenerato	1042

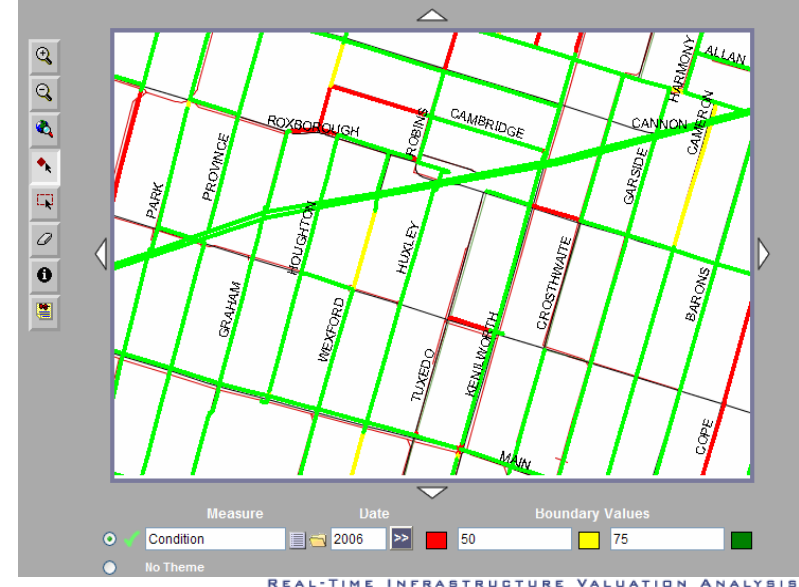
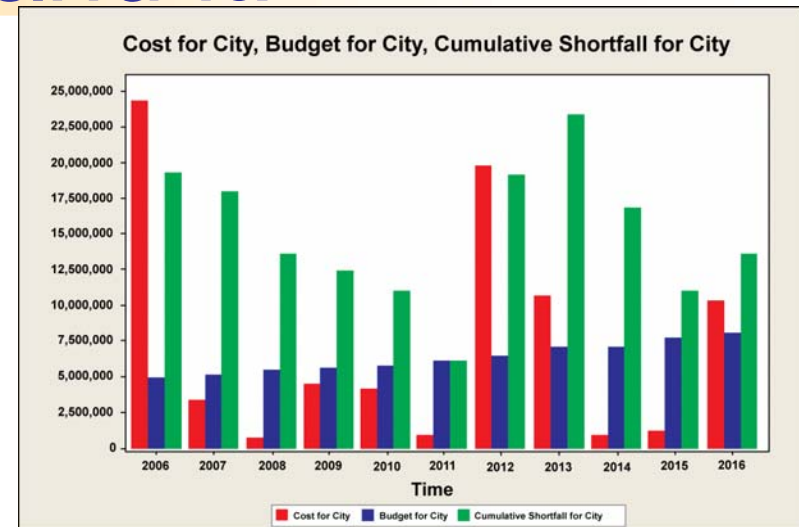
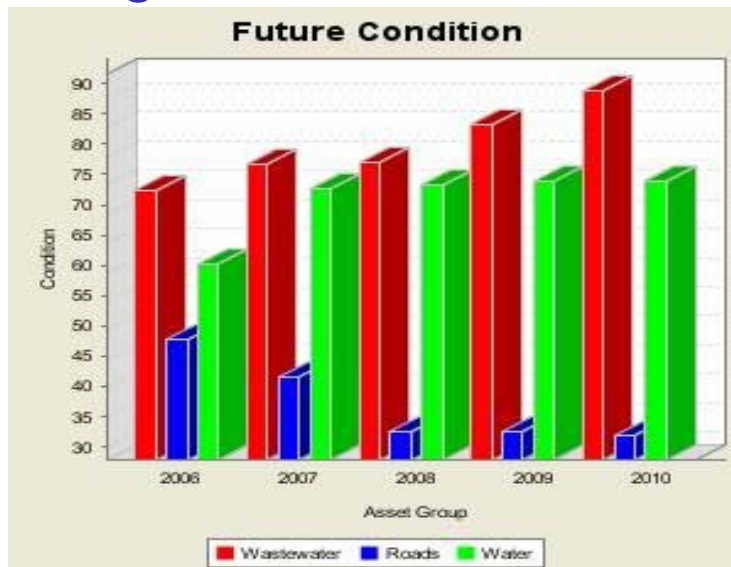
How do you choose?

The Pathway to Sustainability



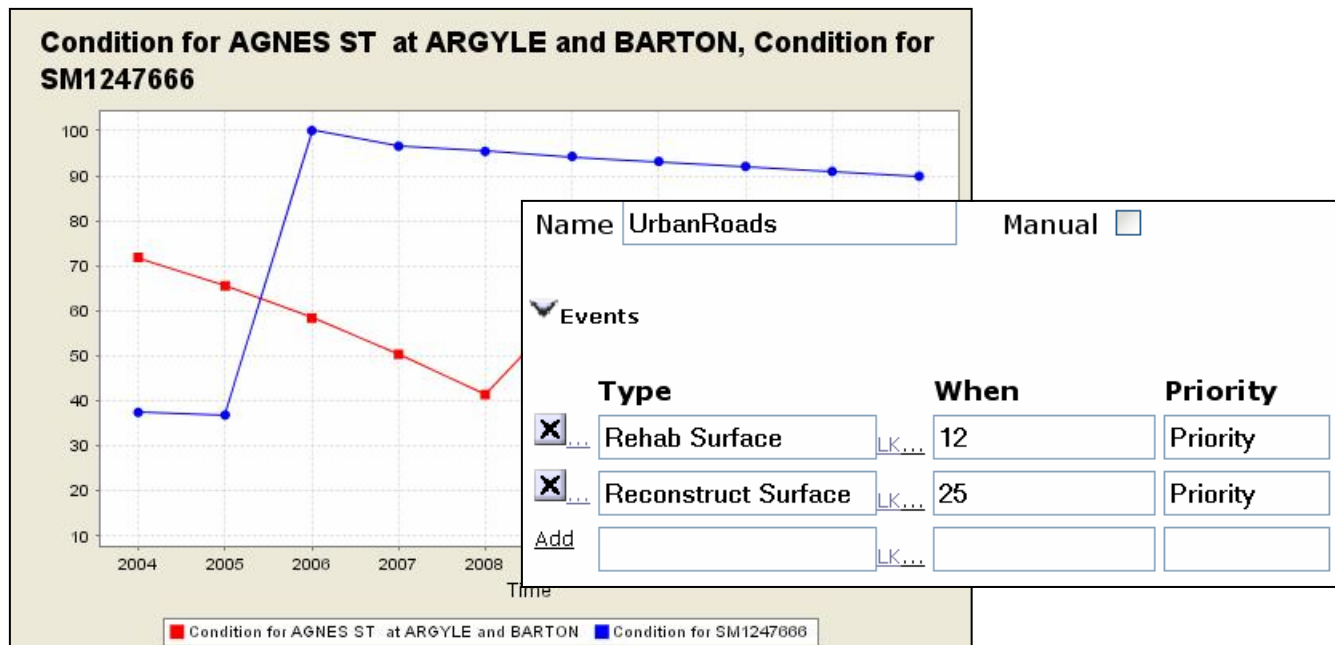
Transparency means a citizen can understand it!

- How much trouble are we in?
 - Financial
 - Usability
- What is coming in the next few years?
- What about my neighborhood?



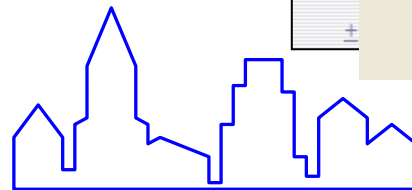
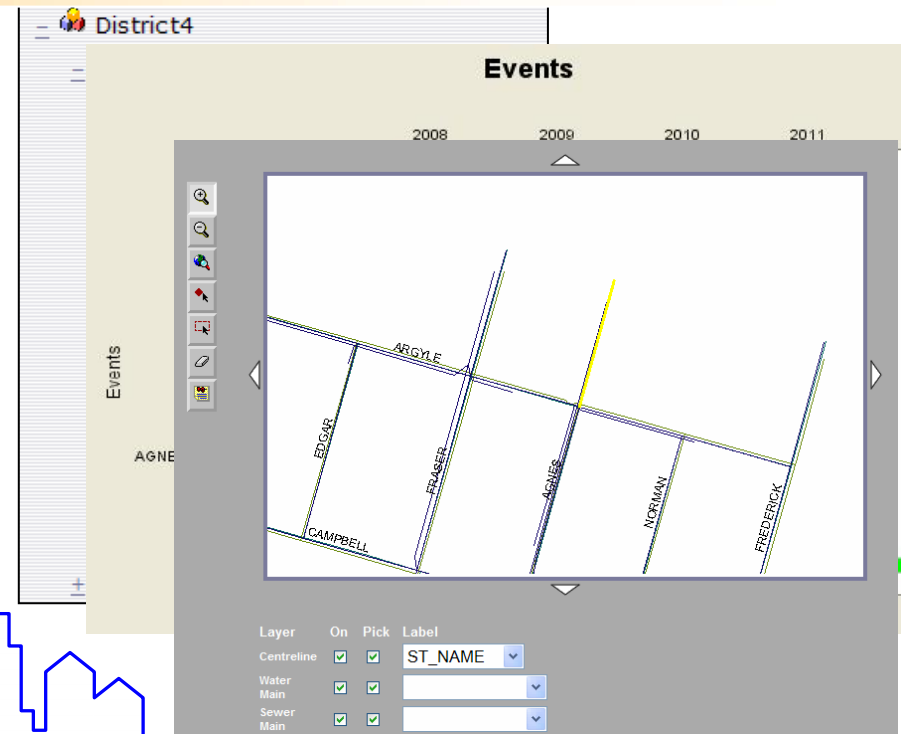
Leverage the effort to sustain the asset

- Plan for the whole life of the asset
- Use risk, value, condition and capacity



Integrated Capital Management

- Break down the infrastructure silos
- Plan together for integrated projects
- Use GIS to optimize investment



Enterprise Asset Management

PSAB is just a first step

