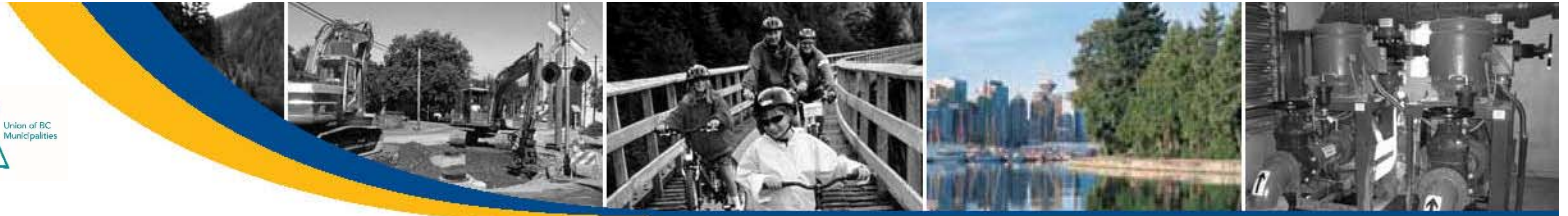


# *Asset Management for Sustainable Service Delivery: A BC Framework Integrating Natural Capital*



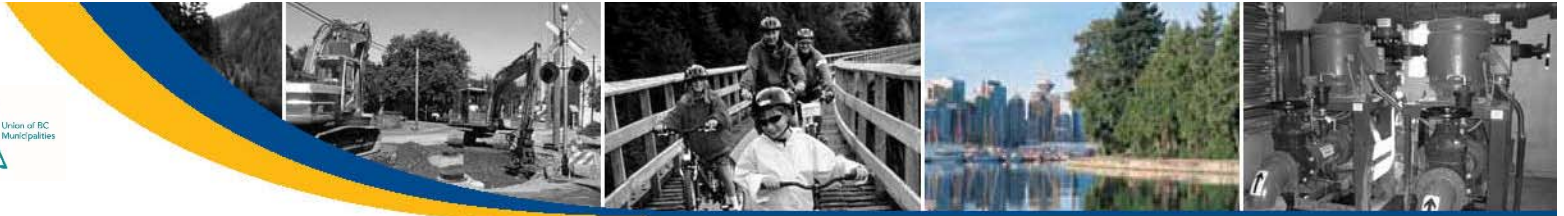
*Glen Brown, General Manager, Victoria Operations, Union of BC Municipalities*

*2015 PWSBC Feast and Famine Workshop, Richmond, BC*



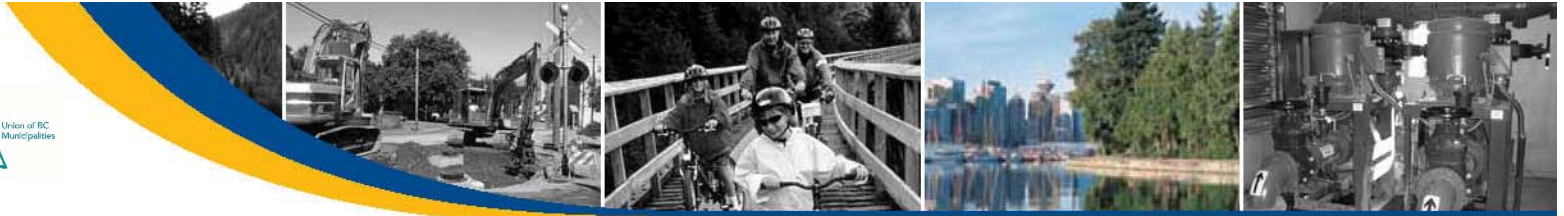
# ***What is Asset Management?***

- Integrated approach involving planning, engineering and finance to effectively manage existing and new municipal infrastructure in a sustainable manner to maximize benefits, reduce risk and provide satisfactory levels of service to the community user in an environmentally and ecologically responsible manner. (National Asset Management Working Group)



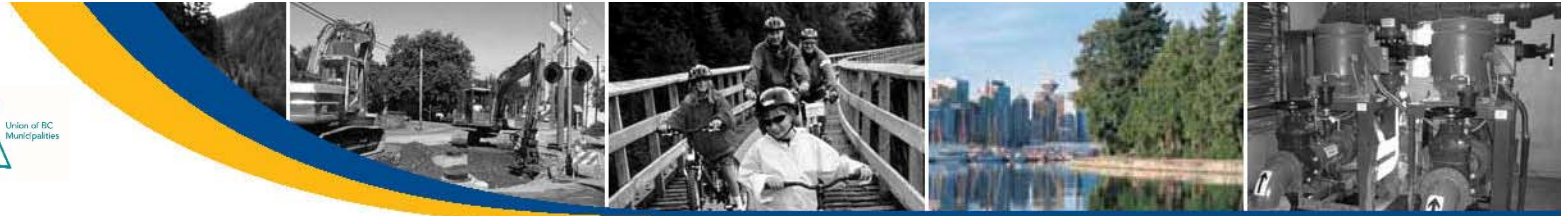
## *Principle #1 – It's all about the service*



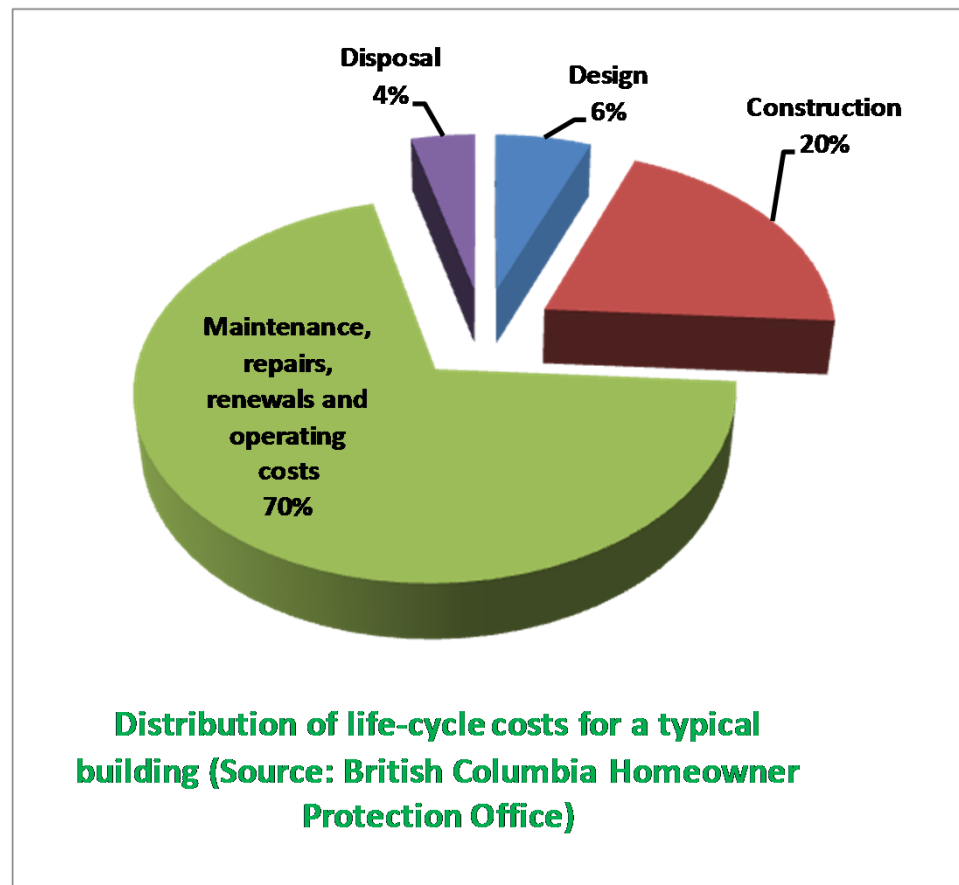


# *Principle #2 – Level of Service*



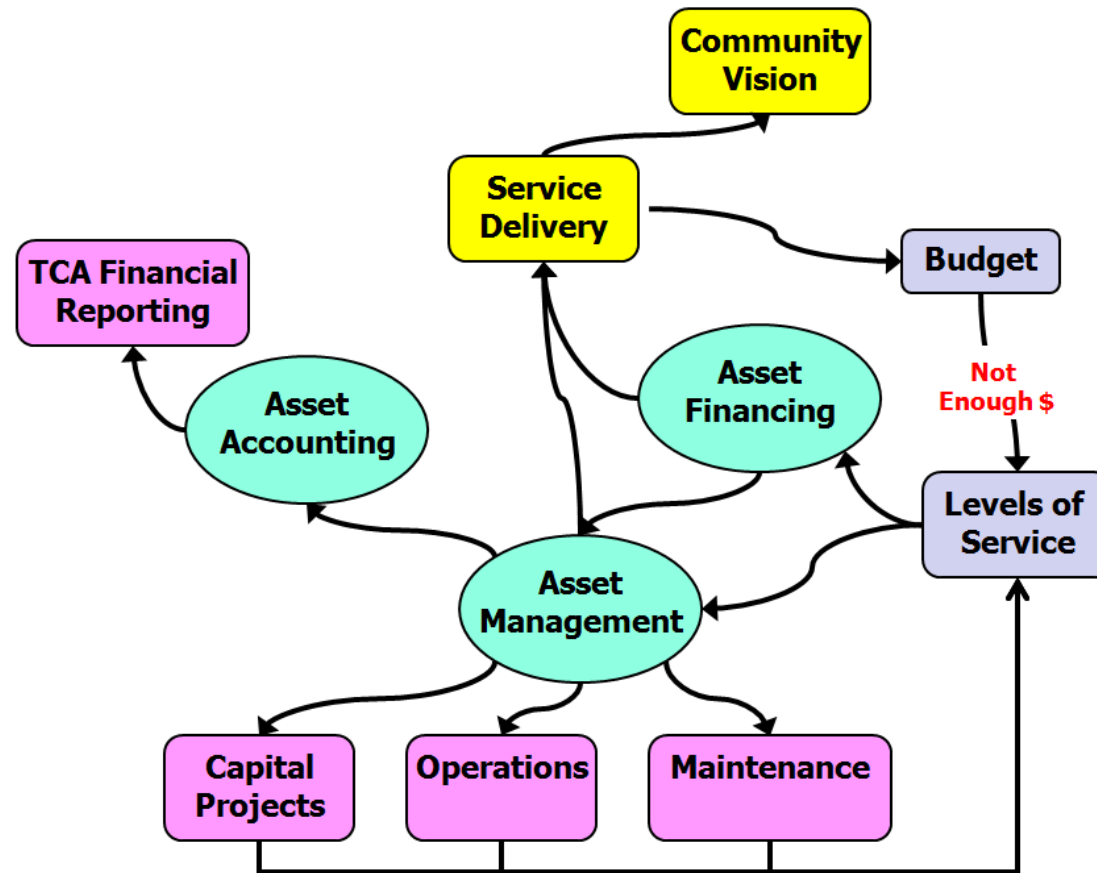


# Principle #3 – Operations & Maintenance





# Principle #4 – Inter-dependence



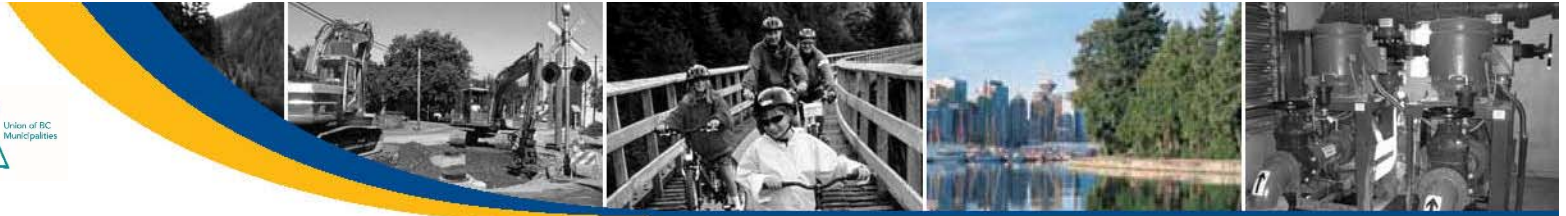


The Voice of British Columbia  
Local Government



Sayt-K'iilim-Goot  
one heart, one path, one nation



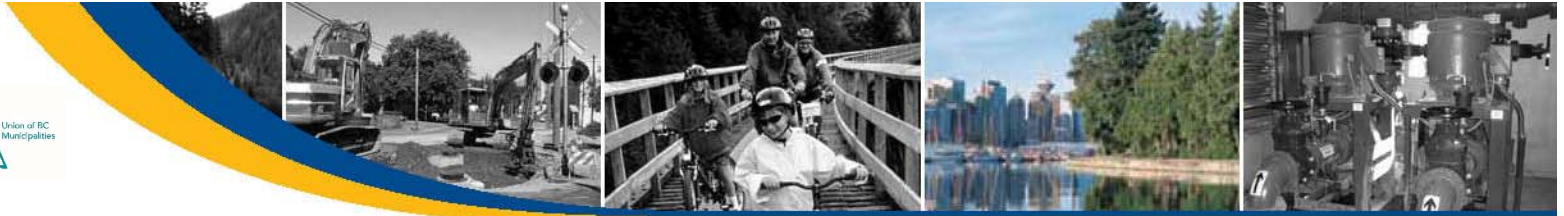


# *Asset Management BC*

## *Singular Objective*

“To create and facilitate opportunities to share knowledge, tools and information respecting ‘integrated’ asset management”





# Asset Management for Sustainable Service Delivery: A BC Framework

Asset Management for Sustainable Service Delivery  
A BC Framework

**Sustainable Service Delivery**

Sustainable Service Delivery ensures that current community services (roads, and how those services are delivered (in a socially, economically and environmentally responsible manner), do not compromise the ability of future generations to meet their own needs. Communities build and maintain infrastructure to provide services. These services support our quality of life, protect our health and safety, and promote social, economic and environmental well-being. Failure to care for our infrastructure, manage our natural resources and protect the benefits provided by nature risks degrading, or even losing, the services communities enjoy, and that future generations may rely on.

Sound asset management practices support Sustainable Service Delivery by considering community priorities, informed by an understanding of the trade offs between the available resources and the desired services.



<http://www.assetmanagementbc.ca>



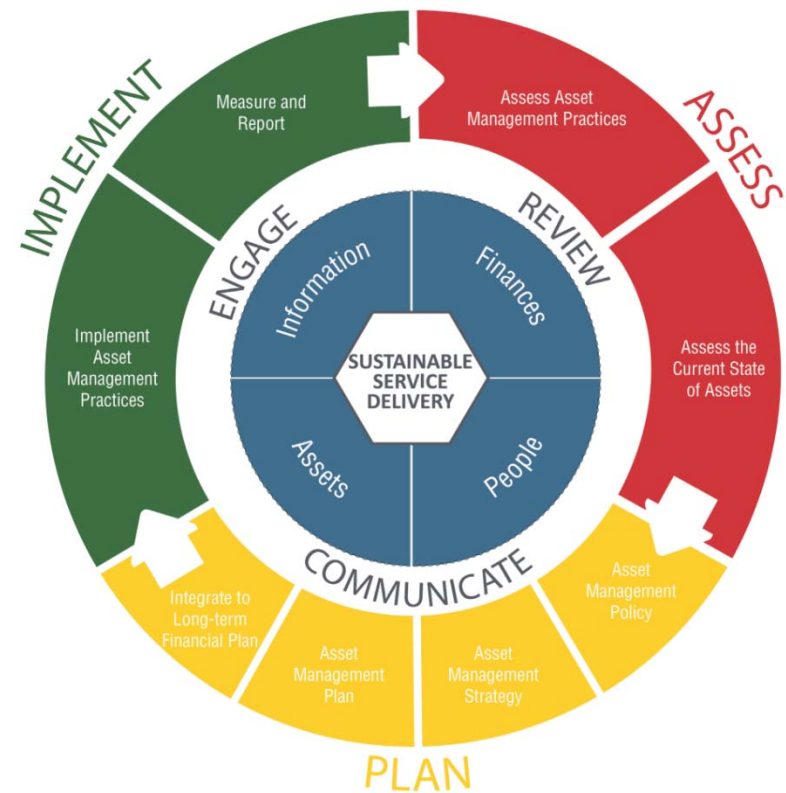
# *Sustainable Service Delivery*

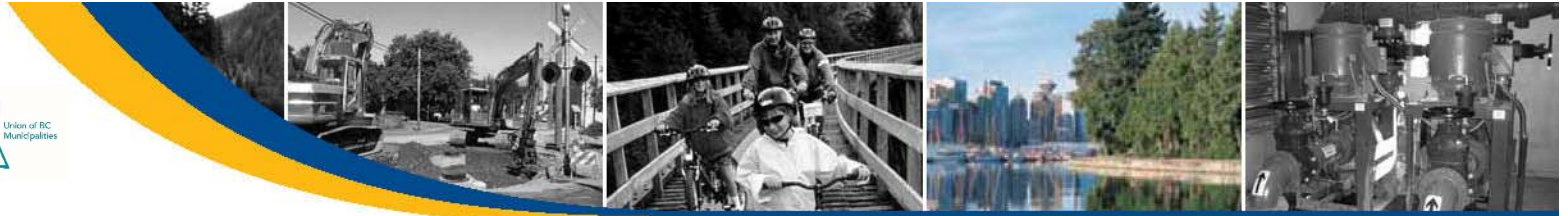
- Ensures that current community **Service Needs** are met
- **Delivered** in a Socially, Economically and Environmentally responsible manner
- Does not compromise ability of **Future Generations** to meet their needs
- Considers **Community Priorities**
- Understanding the **Trade-offs** between available **Resources** and **Desired Services**



# Asset Management

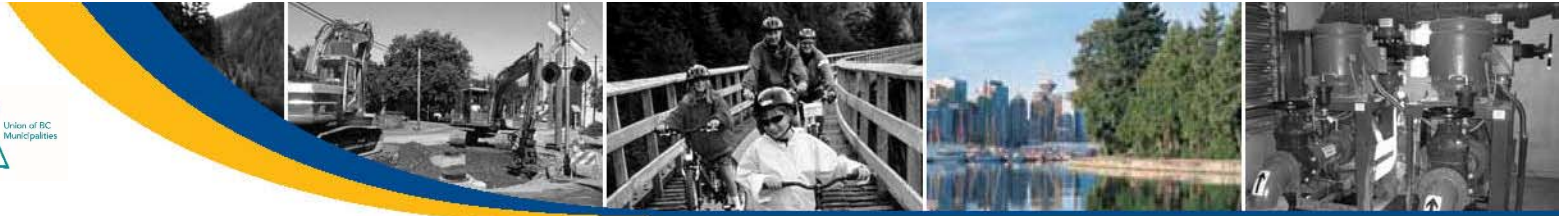
The **process** of bringing together the skills and activities of **people**; with **information** about the community's physical **infrastructure assets** and **financial resources** to ensure long term **sustainable service delivery**.





# *Core Elements*

- **PEOPLE** – Culture and Capacity for Informed Decision-making
- **INFORMATION** – to Support Decision-making for Sustainable Service Delivery
- **ASSETS** - Physical Infrastructure to enable Service Delivery
- **FINANCES** – Understanding Long Term Costs of Service Delivery



# *Review, Communicate and Engage*

- **Regular Reviews** – on-going throughout the process
- **Communicate** – internal team alignment and increased understanding
- **Engage** – education and raising awareness



# The Process

- Continuous quality improvement process
- Incremental and Scalable
- **Assess** Capacity, Demand and Results
- **Planning** what needs to be done
- **Implementing** the plans





Asset Management BC

- What's New?
- Framework
- Resources
- Newsletters
- Documents
- About Us
- RSS Feed

WHAT'S NEW?

Posted: Monday, December 8th, 2014

Asset Management for Sustainable Service Delivery: A BC Framework

The Framework establishes a high-level, systematic approach that supports local governments in moving toward service, asset and financial sustainability through an asset management approach. The development of the Framework was led by the Union of British Columbia Municipalities in partnership with Asset Management BC. The "Asset Management for Sustainable Service Delivery: A BC Framework (Short Version)" is now available.

SEARCH

Search for:

Asset Management BC

- What's New?
- Framework
- Resources
- Newsletters
- Documents

BCWWA/GFOA-BC Asset Management Plan Workshop

Tuesday May 26th, 2015 in Penticton, BC.

The workshop will provide participants with information, through case studies and discussions, which will assist them in developing an effective AMP and incorporating finance and public perspectives, while also understanding how best to communicate the asset management strategy to Council or Board.

For detailed information: <http://bcwwa.org/resourcelibrary/Asset%20Management%20Workshop.pdf>

Posted: Wednesday, February 18th, 2015

Thirteenth Edition of the Asset Management Newsletter

Now available: AMBC\_Newsletter\_Issue 13 Final Feb 2015

Posted: Monday, November 17th, 2014

Twelfth Edition of the Asset Management Newsletter

Now available: AMBC\_Newsletter\_Issue\_No.12-LGAMWG-November\_2014.pdf

Posted: Wednesday, November 5th, 2014

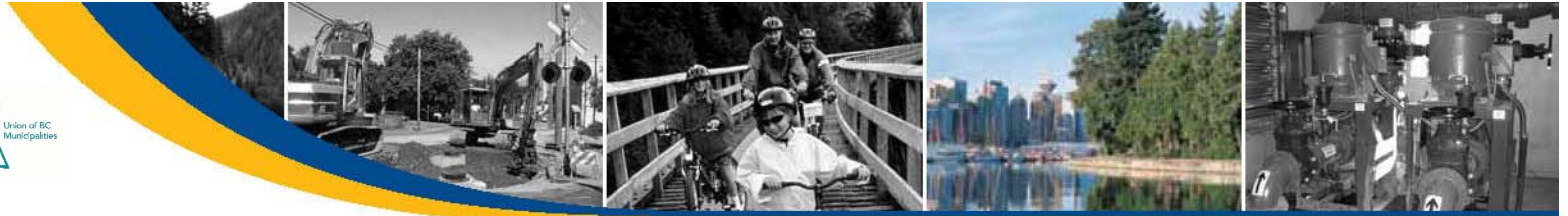
LGMA of BC's Latest Magazine Focuses on Asset Management

The Local Government Management Association of BC's Fall 2014 edition of their magazine contains articles and interviews on how local governments are progressing with asset management. Check it out [here](#).

- Columbia
- Municipal Insurance Association
- Government Finance Officers Association of BC
- Union of British Columbia Municipalities
- Aboriginal Affairs and Northern Development, BC Region
- Ministry of Community, Sport and Cultural Development, Local Government Infrastructure and Finance

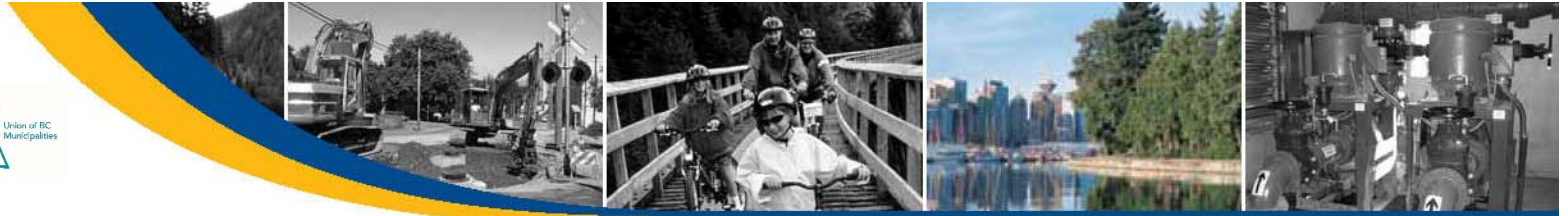
OTHER LINKS

- CivicInfo BC
- InfraGuide
- List of BC Local Governments
- National Asset Management Working Group



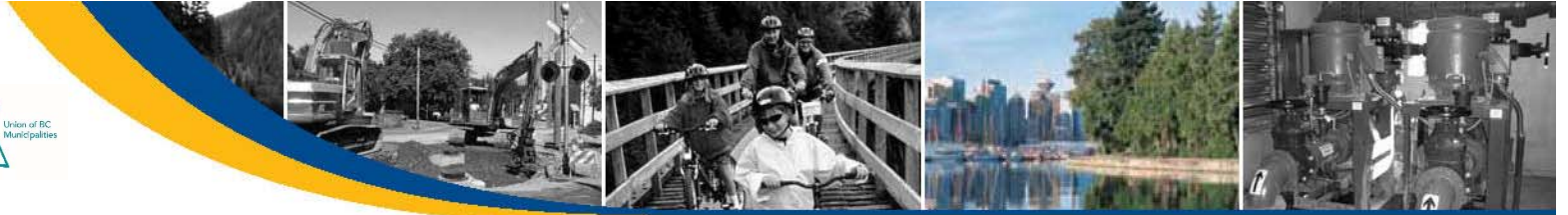
# *Integration of Natural Capital*

- Local governments provide core services and are stewards of the physical infrastructure need to provide those services
- They are also stewards of the natural capital within their jurisdictions
- Natural capital provides services
  - These have value on their own



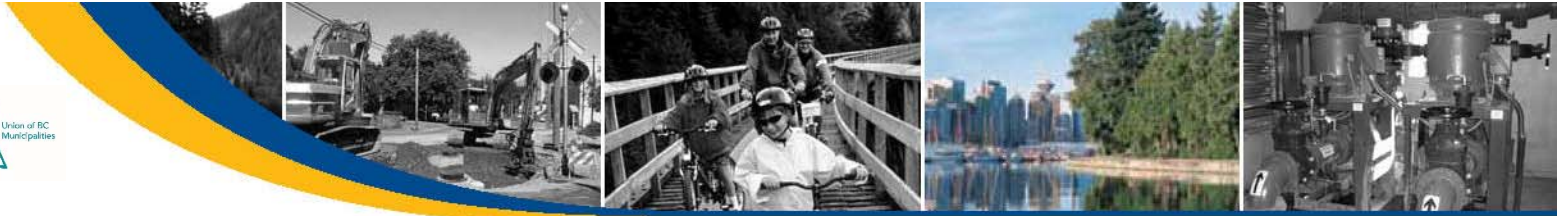
# *Core/Natural Service Integration*

- Drinking Water
  - Watershed management
  - Water conservation
- Rainwater Management
  - Natural landscapes, soil, vegetation
- Erosion Protection



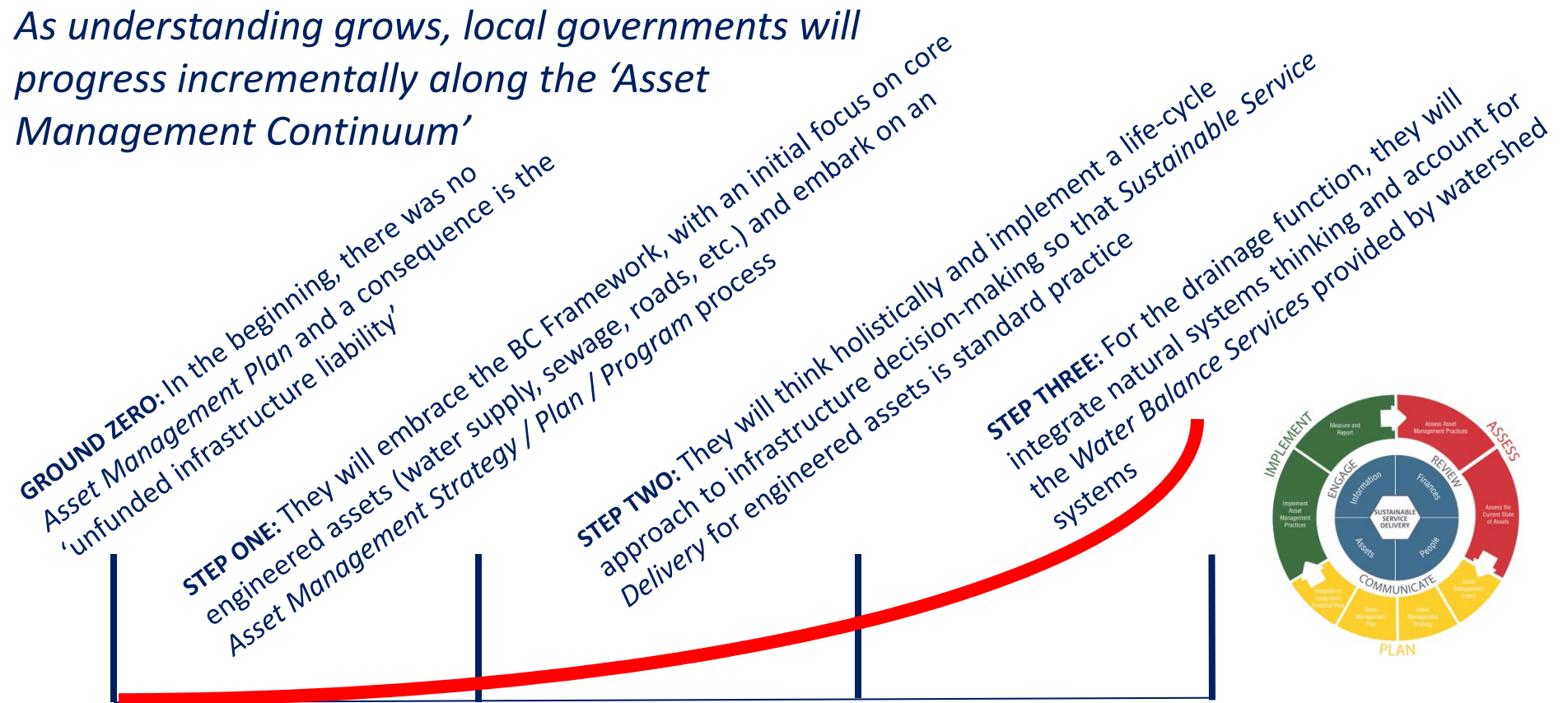
# *Integration with Asset Management*

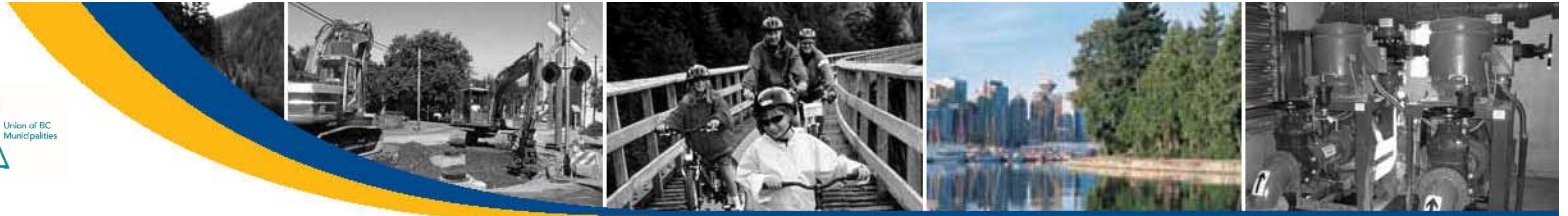
- ‘Leverage’ nature to support the delivery of core services
- Natural assets appreciate
- Reduce capital and O & M costs
- Increase ‘level of service’



# Asset Management Continuum

*As understanding grows, local governments will progress incrementally along the 'Asset Management Continuum'*





## *Desired Outcomes*

- Nature, and natural capital is incorporated into local government asset management processes
- Recognize financial value
- Improved service level
- Improved stewardship