

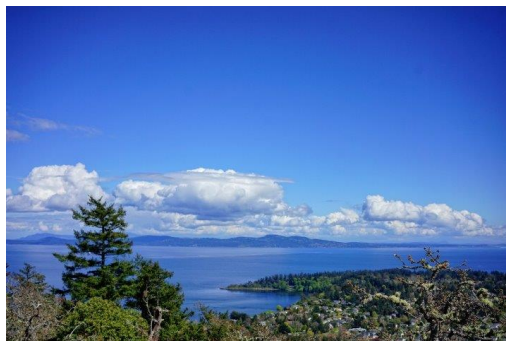
Toward natural asset management in the District of Saanich

Results of an enhanced natural assets inventory

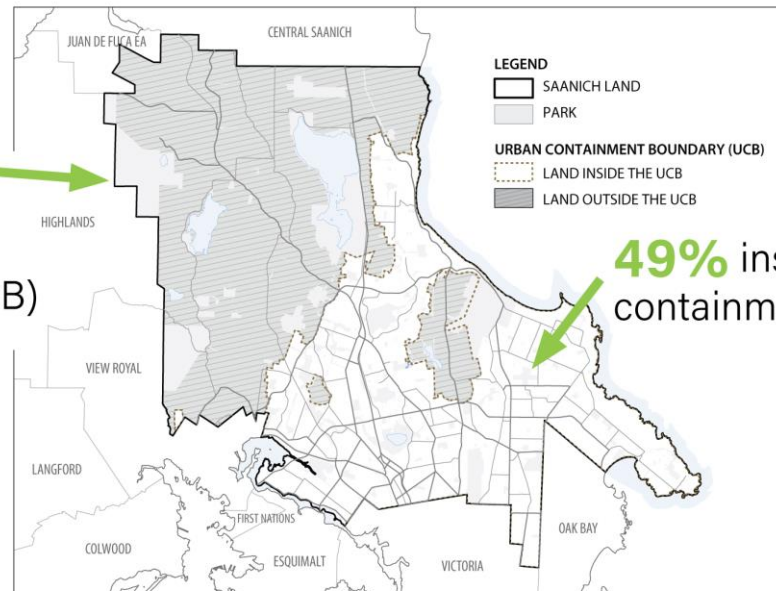


AMBC Annual Conference Nov 6-7, 2024

District of Saanich



51% outside urban
containment
boundary (UCB)



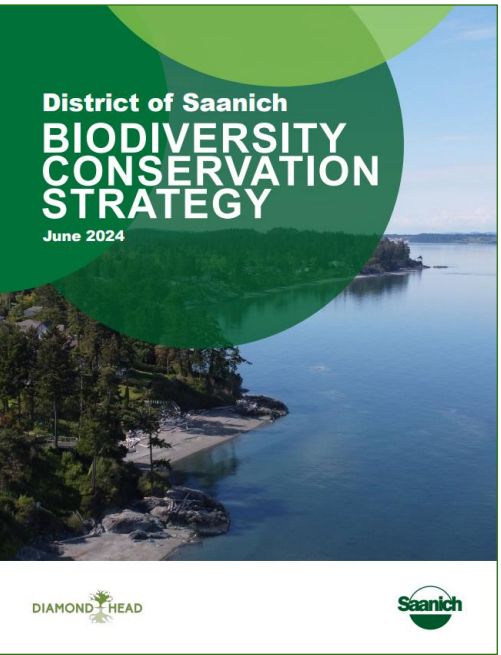
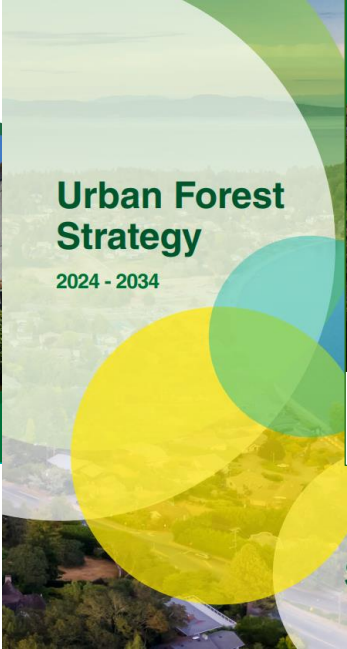
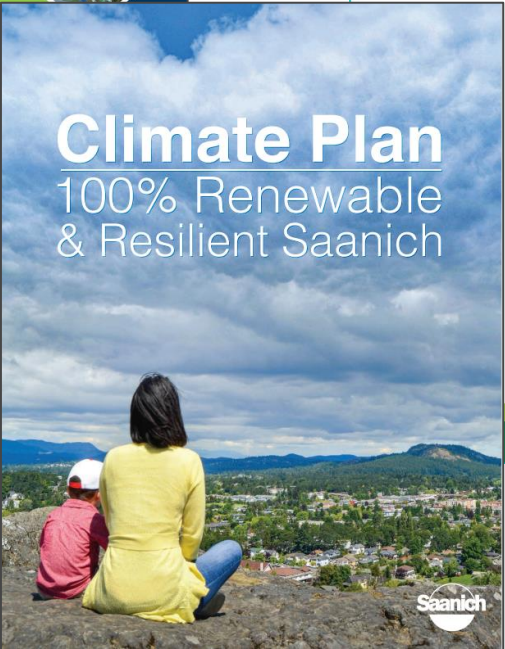
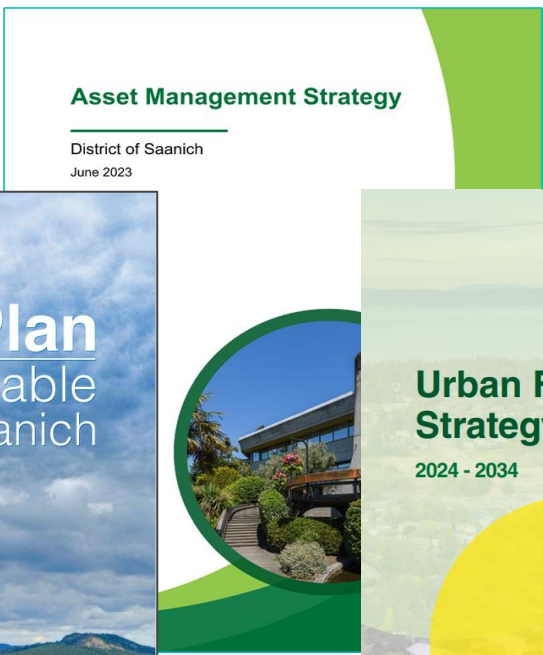
49% inside the urban
containment boundary

Acknowledgements

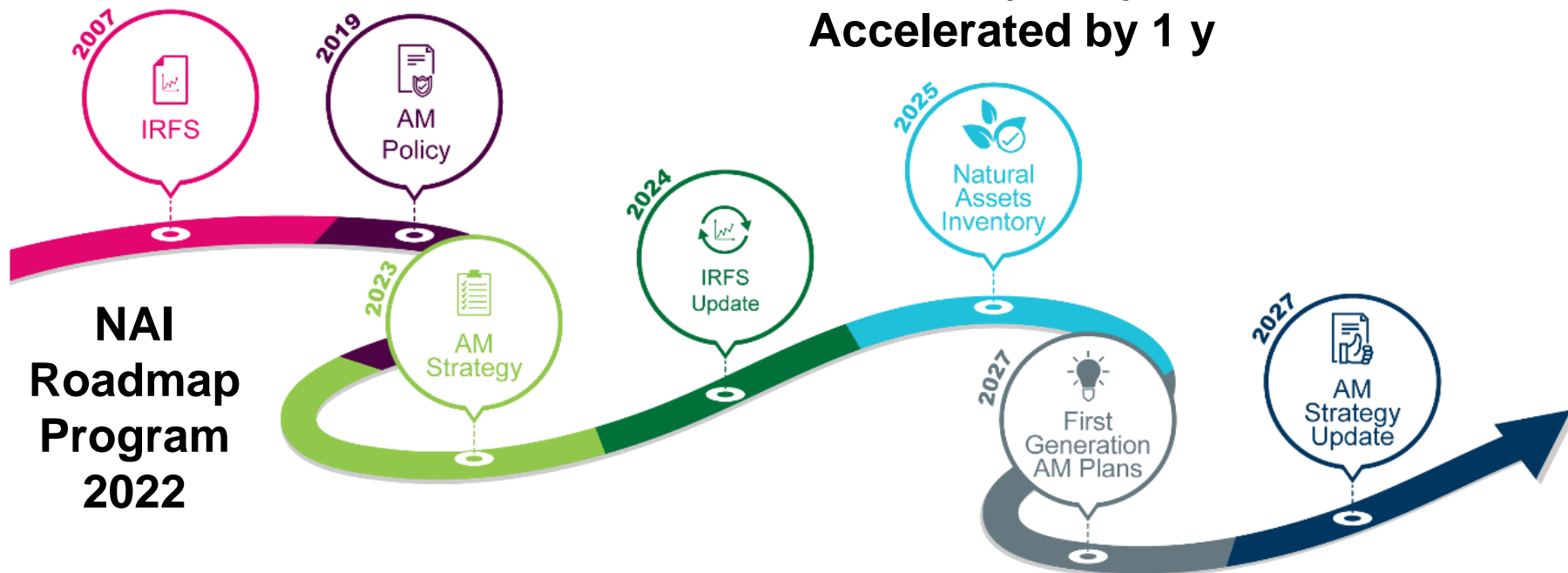
This project is supported by funding from the **Government of Canada** received through **UBCM** under the **Canada Community-Building Fund - Strategic Priorities Fund**



Saanich Council Support



Saanich AM Journey



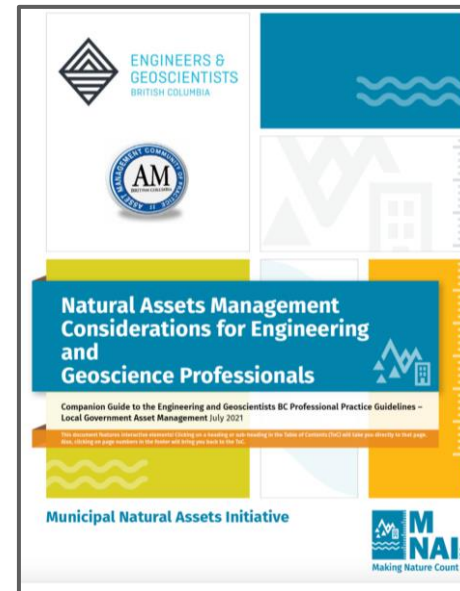
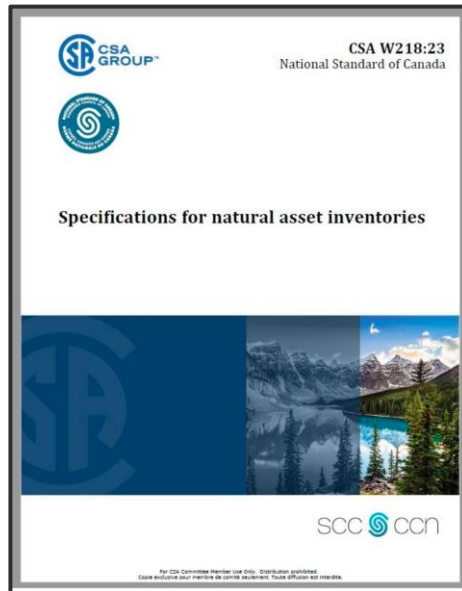
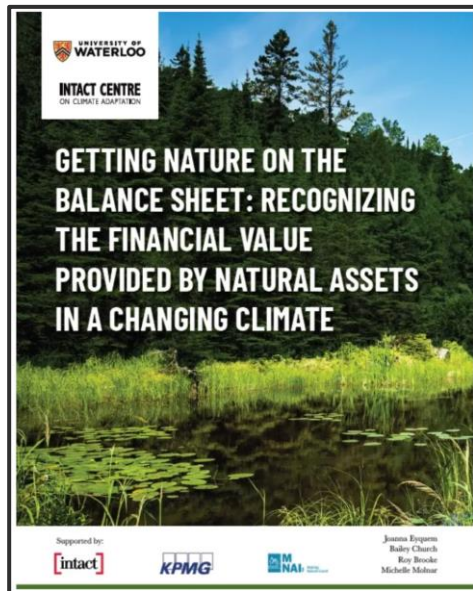
Natural Asset Management

- Goal of asset management is sustainable service delivery
- Natural assets enable the provision of municipal services, and may provide one or more co-benefits

*Ecosystem Services are
“the many and varied
benefits to humans provided
by the natural environment”*



“Rules for the game”



Recognizing natural assets in public accounting standards

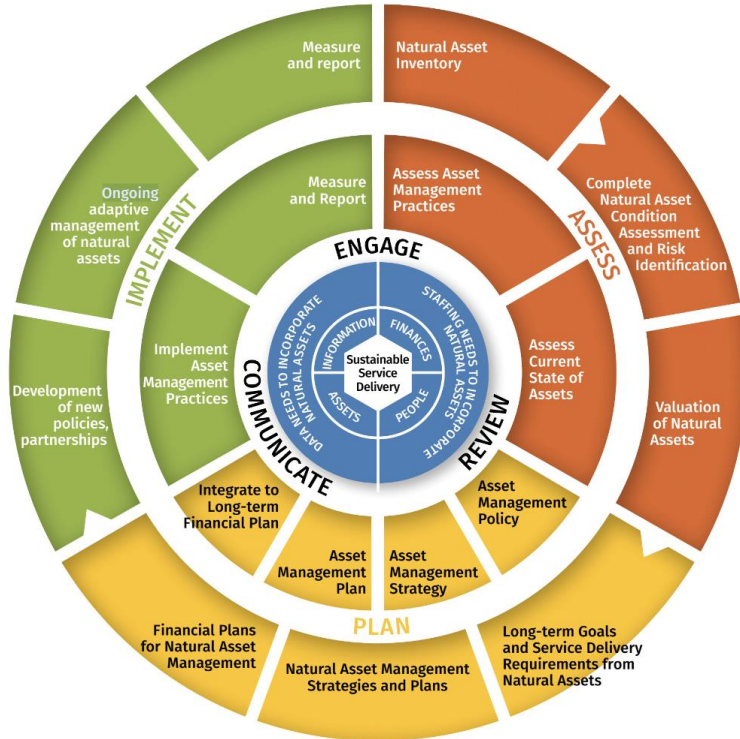


CSA W218 - 1st National Standard for natural asset inventories



Strengthening professional guidance & practice

Asset Management: Common Platform



Resulting actions span acquisition, rehabilitation, restoration, HR, planning, development charges...

Scoping Saanich's Natural Assets

Green Infrastructure

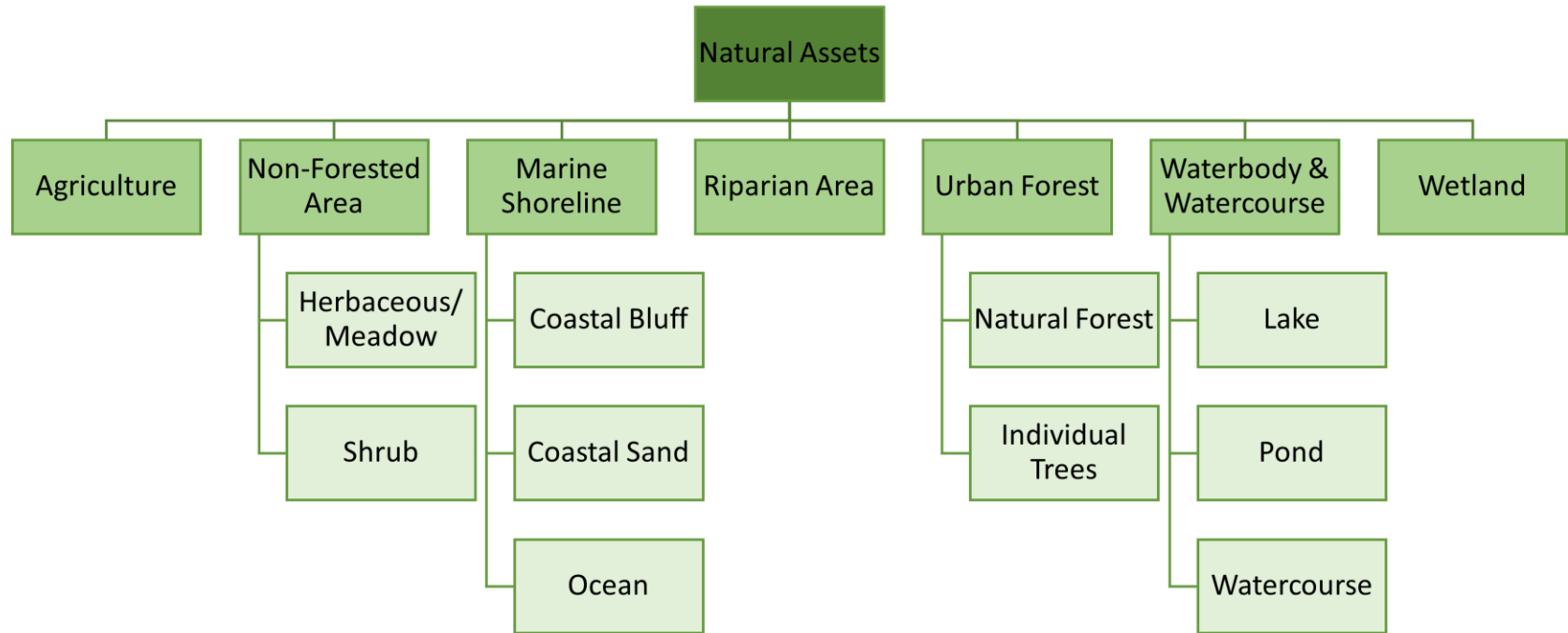
Grey Infrastructure

Natural Assets

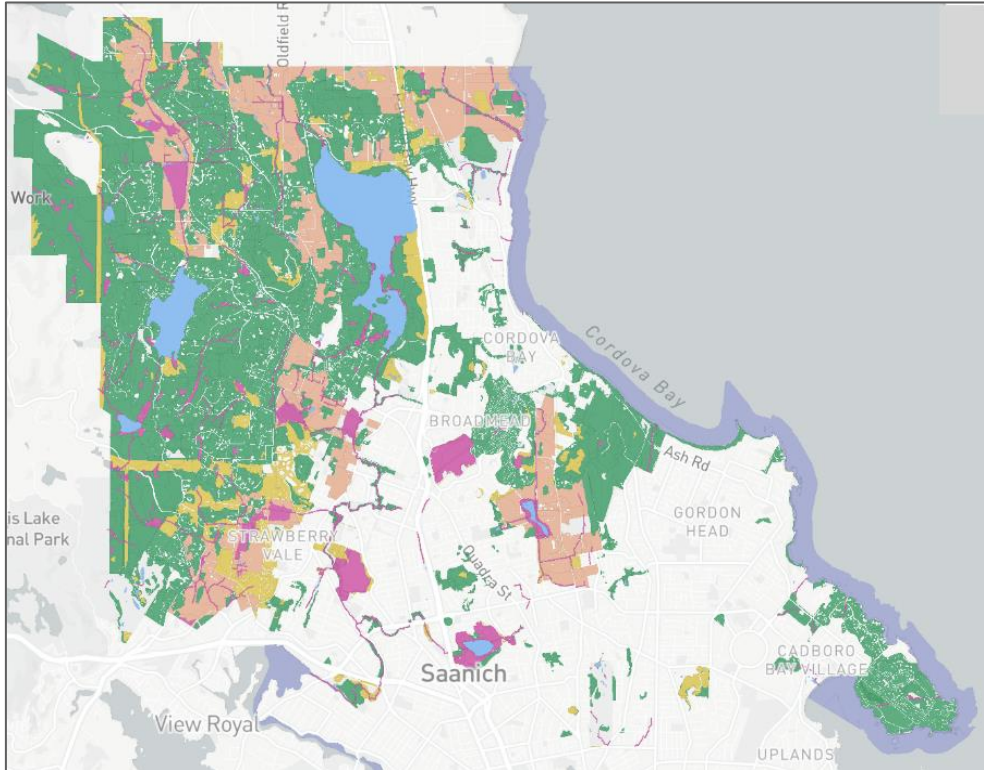
Other Green Infrastructure










Natural Assets Hierarchy



Basic Natural Assets Inventory



 Agriculture	910 ha
 Urban Forest	3,481 ha
 Non-forested Area	478 ha
 Marine Shoreline	700 ha
 Riparian Area	207 ha
 Waterbody and Watercourse	360 ha
 Wetland	239 ha

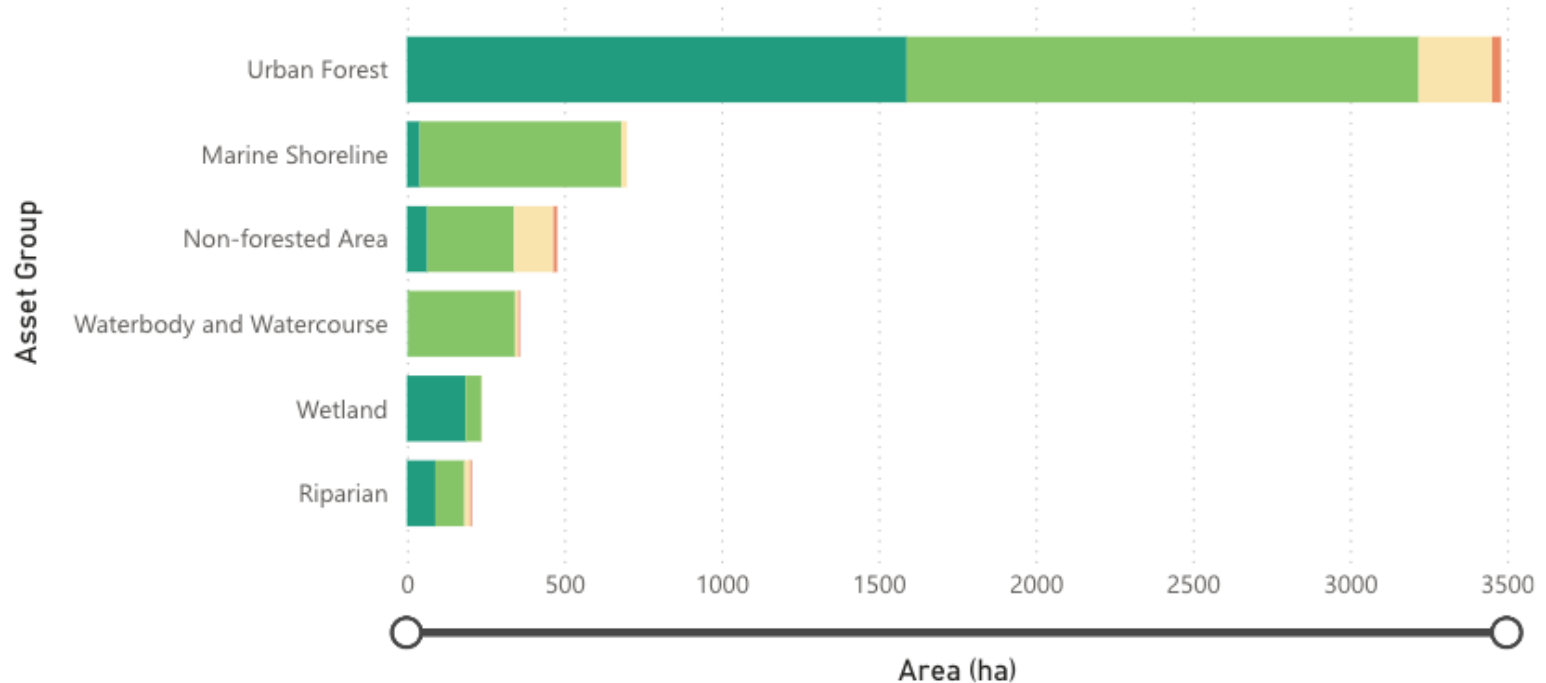
TOTAL

- 6,375 ha of natural areas
- 377,712 individual trees
- 142 km of watercourses

Preliminary Condition Assessment

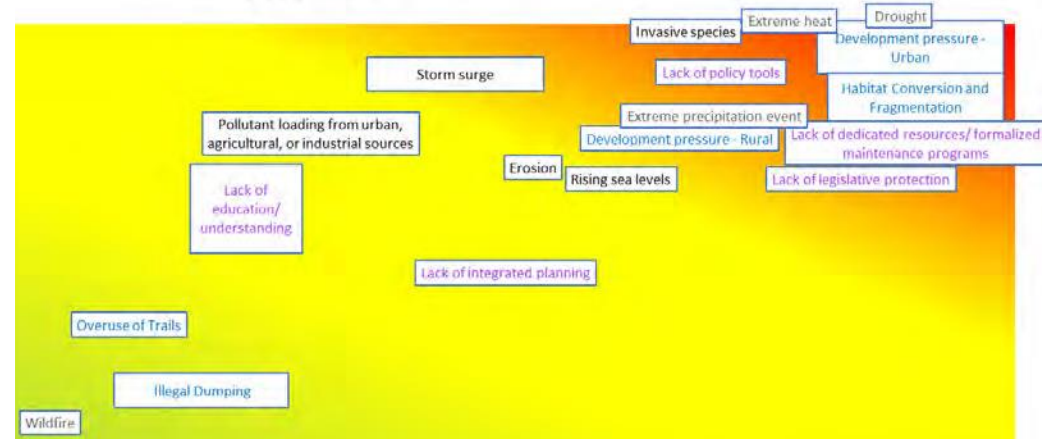
Asset Area by Asset Group and Overall Condition Rating

Overall Condition Rating ● 5 - Very Good ● 4 - Good ● 3 - Fair ● 2 - Poor ● 1 - Very Poor



Preliminary Risk ID

- **Climate Change**
 - Drought
 - Extreme heat
 - Invasive species
 - Extreme precipitation
- **Development Pressure**
 - Urban + rural development
 - Habitat fragmentation
- **Lack of Capacity**
 - Lack of legislated protection
 - Lack of dedicated resources
 - Lack of policy tools



Legend



Low

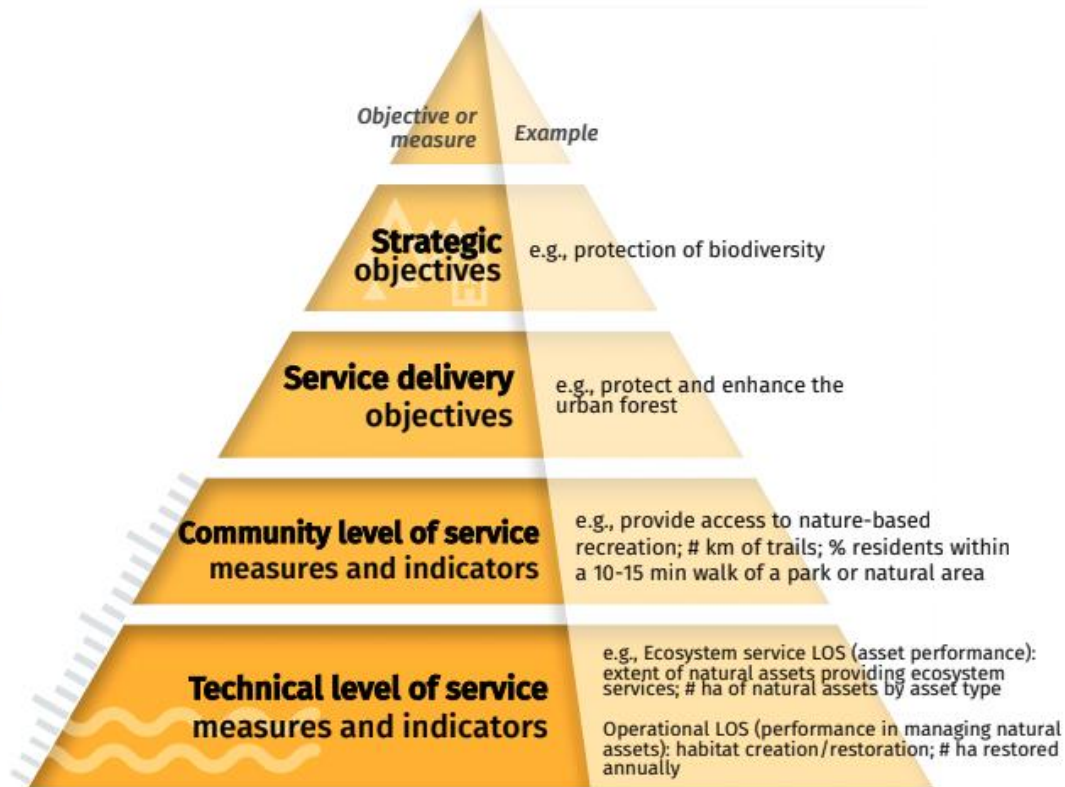
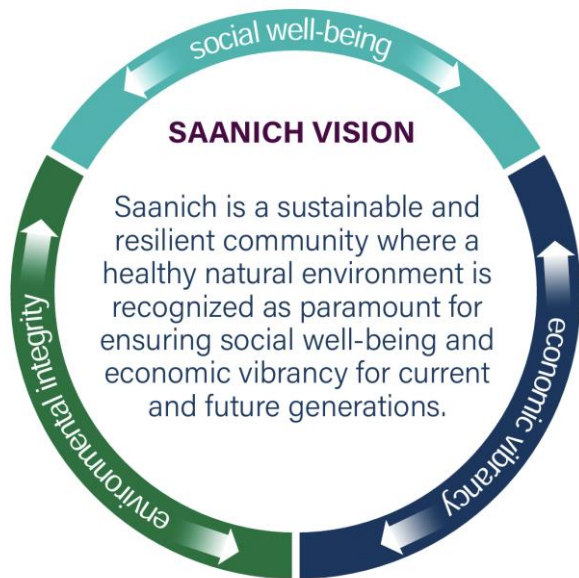


Medium



High

Preliminary Service & Performance Measures



Preliminary Valuation \$2023

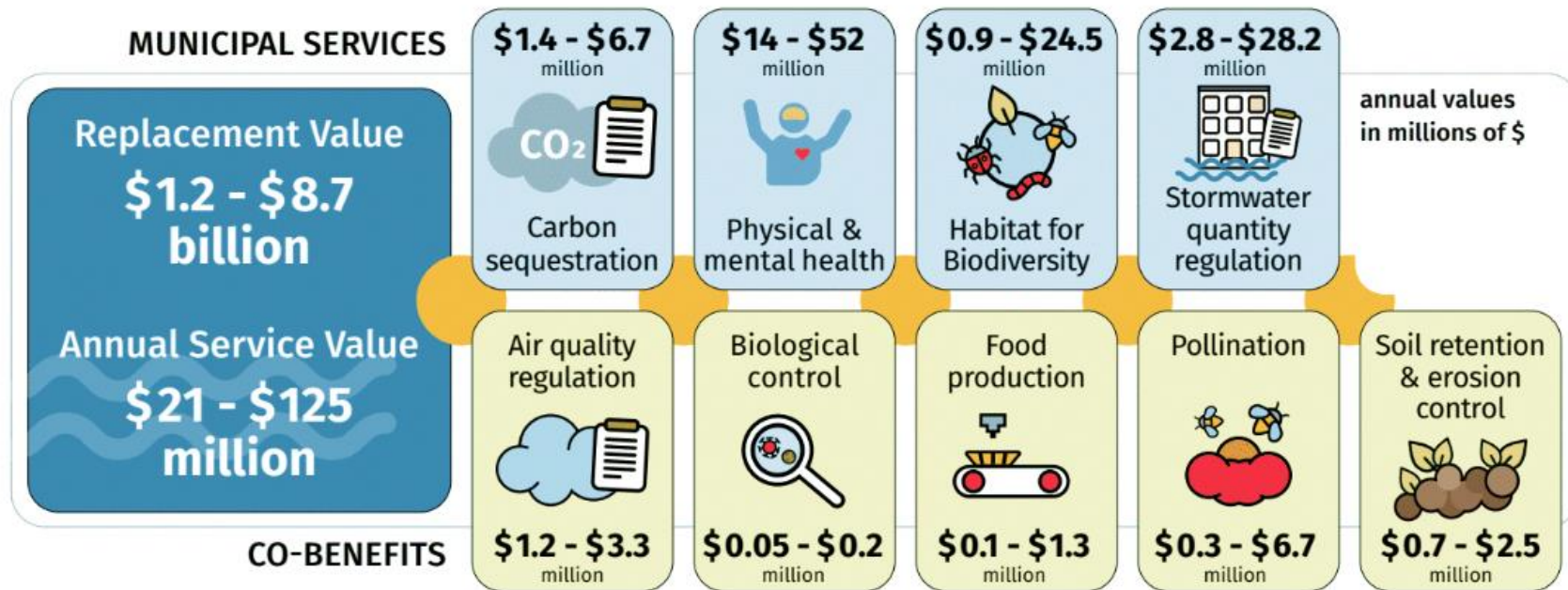


Figure 18: Graphic Summary of Municipal Annual Services Values and Replacement Value.

Collaboration

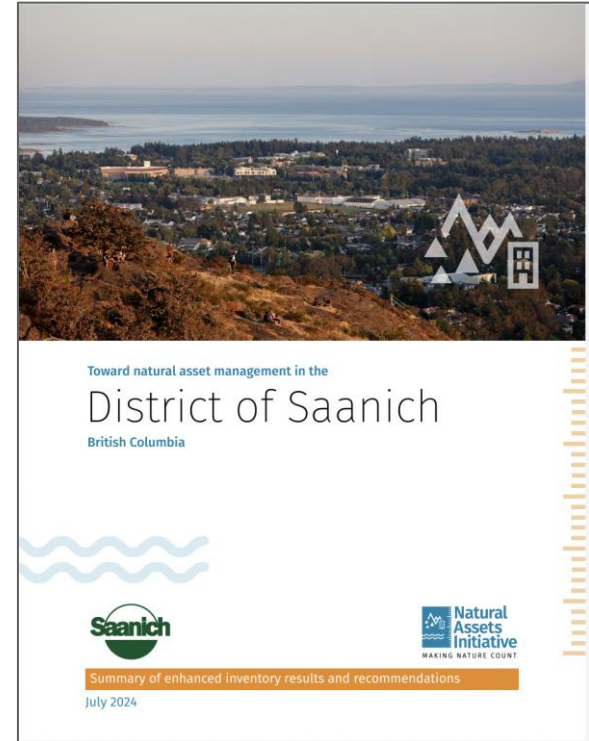
- **First Nations**
- **Neighbouring municipalities**
- **Public engagement**
 - NATP Advisory Committee
 - S&CA Advisory Committee
 - Public open house BCS/UFS
 - Website



Recommendations

Recommendations for Inventory

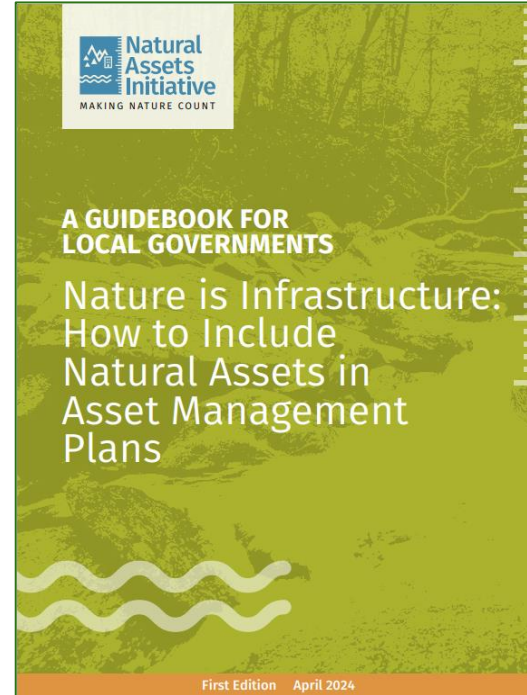
- Integrate NA registry with built asset registry
- Further develop condition & risk assessments at local level; identify valuation gaps
- Meaningful relationship building with First Nations
- Build awareness among staff, create incentives for the public



Recommendations

Recommendations for NAM Plan

- Confirm roles, scope & responsibilities
- Fill essential knowledge gaps
- Modelling
- Lifecycle costing
- Planning
- Ongoing monitoring



Questions & Contacts

Roy Brooke,
Executive Director, NAI

RoyB@naturalassetsinitiative.ca
Naturalassetsinitiative.ca

Jacqueline Weston,
Asset Management Program Manager
District of Saanich

jacqueline.weston@saanich.ca
saanich.ca

"The best time to plant a tree was 20 years ago, the next best time is today"