

# GREEN INFRASTRUCTURE ASSET MANAGEMENT PLANNING OVERVIEW

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# PRESENTATION OUTLINE

- Overview of green infrastructure asset management
- Legislative requirements
- Related plans and strategies
- Developing the GIAMP
- Next steps



# GREEN INFRASTRUCTURE

## Natural (GI) Assets

- Wetlands
- Swamps
- Forests
- Meadows
- Watercourses
- Lakes and ponds
- Soils

## Enhanced (GI) Assets

- Rain gardens
- Green roofs and walls
- Bioswales
- Street and park trees
- Naturalized stormwater ponds
- Manicured lawns

## Engineered (GI) Assets

- Permeable pavement
- Rain barrels
- Cisterns
- Perforated pipes
- Infiltration trenches

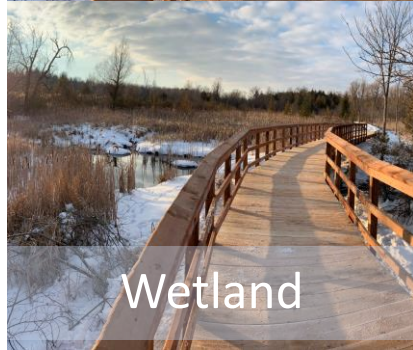
## Grey Infrastructure

- Bridges
- Roads
- Parking lots
- Culverts
- Pipes

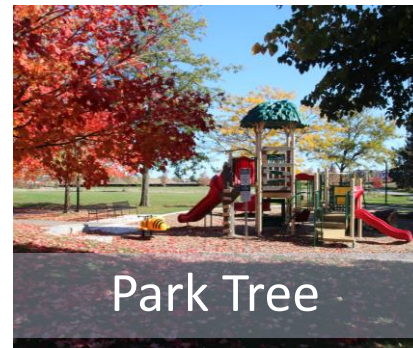


# EXAMPLES OF GREEN INFRASTRUCTURE ASSETS

## NATURAL ASSETS



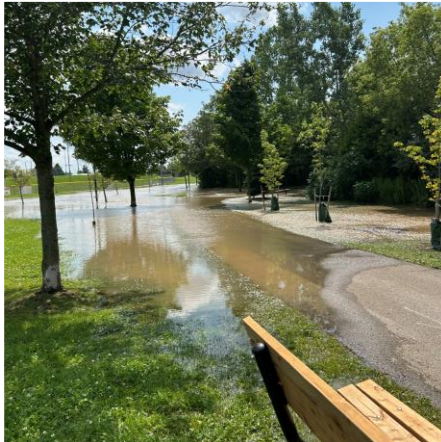
## ENHANCED ASSETS



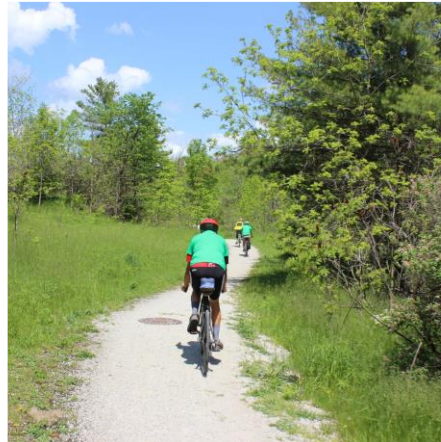
# IMPORTANCE OF GREEN INFRASTRUCTURE ASSETS

- Contribute to environmental resilience and climate mitigation and adaptation
- Provide low-cost alternatives to grey infrastructure
- Deliver essential services to the community including:

Flood Mitigation



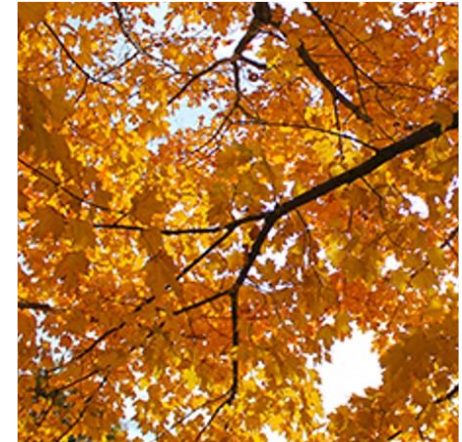
Recreation



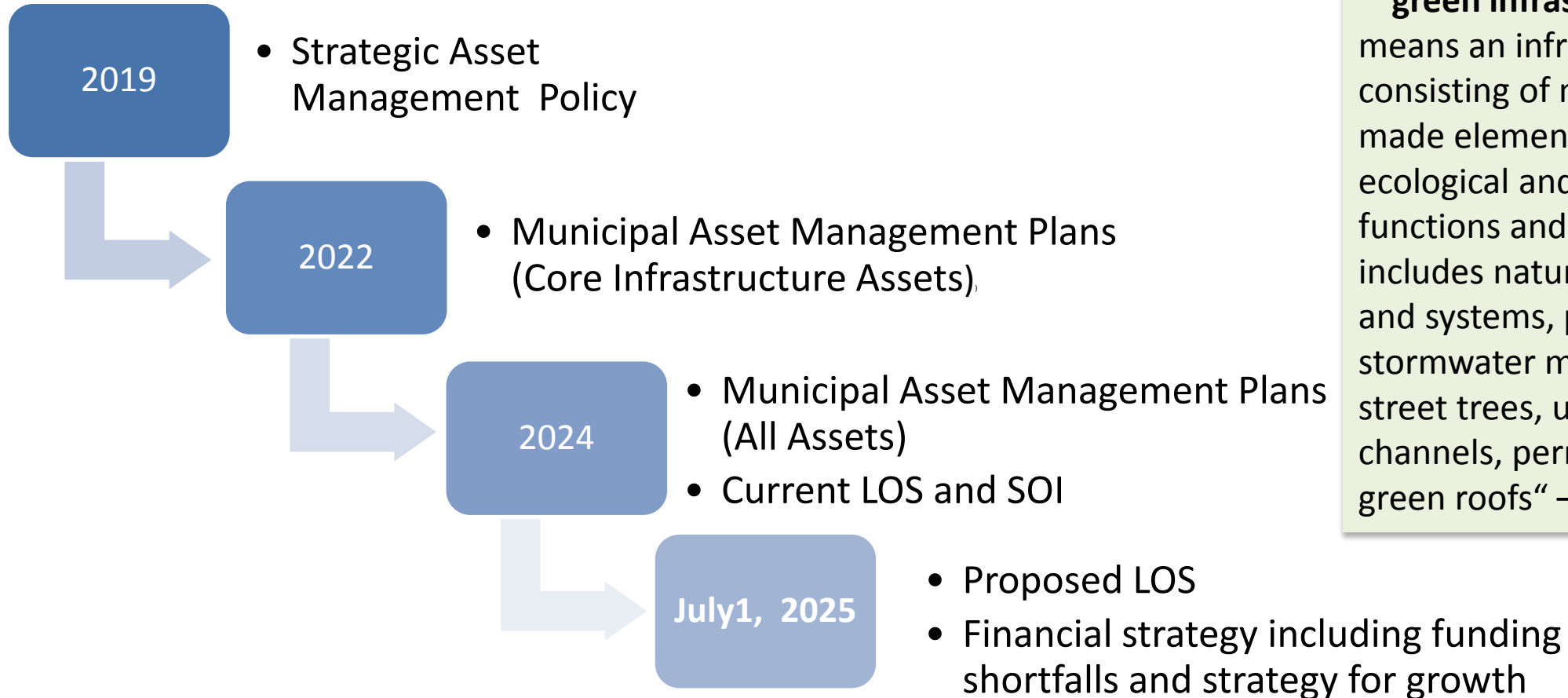
Beautification



Air Filtration



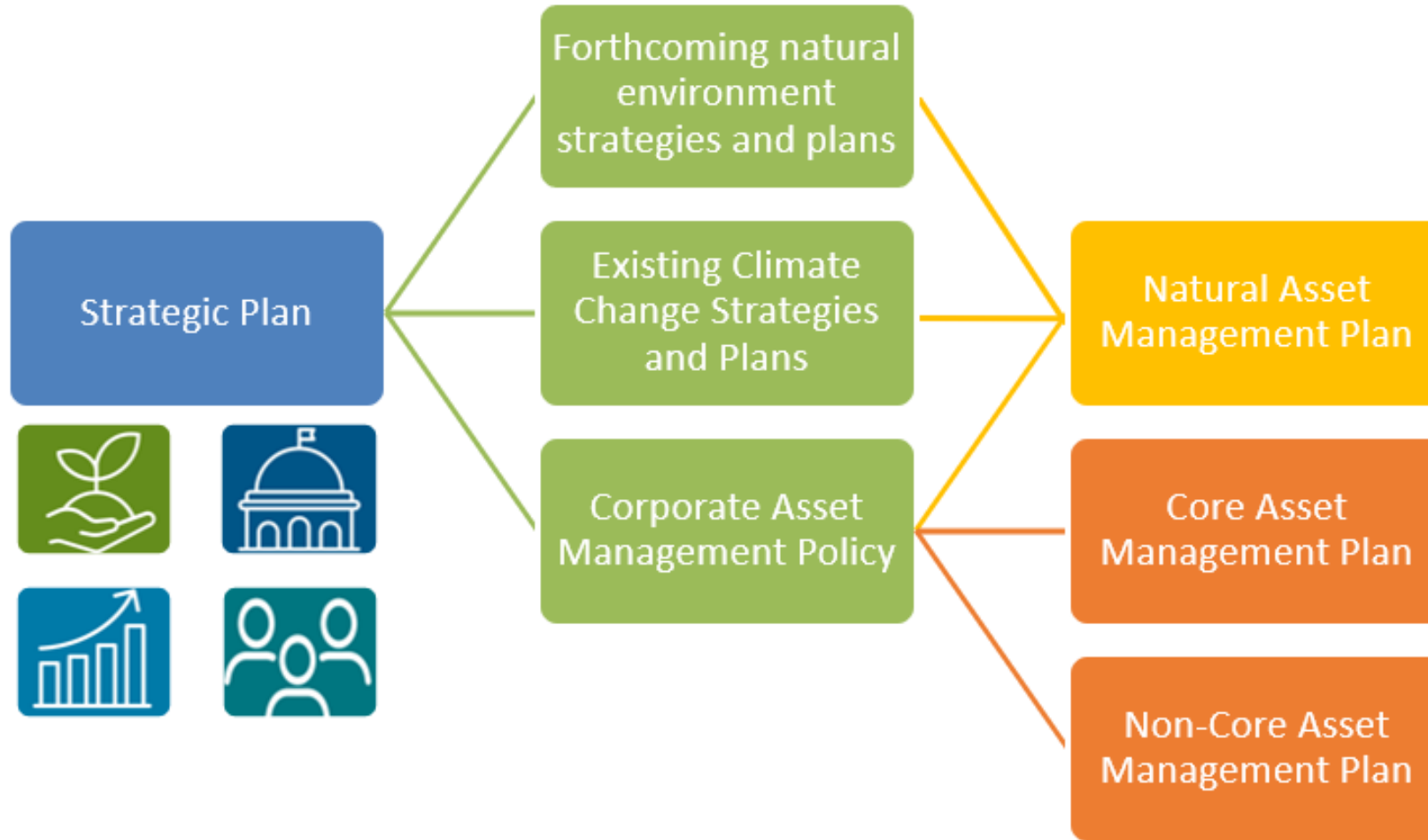
# REGULATORY REQUIREMENTS – O.REG 588/17



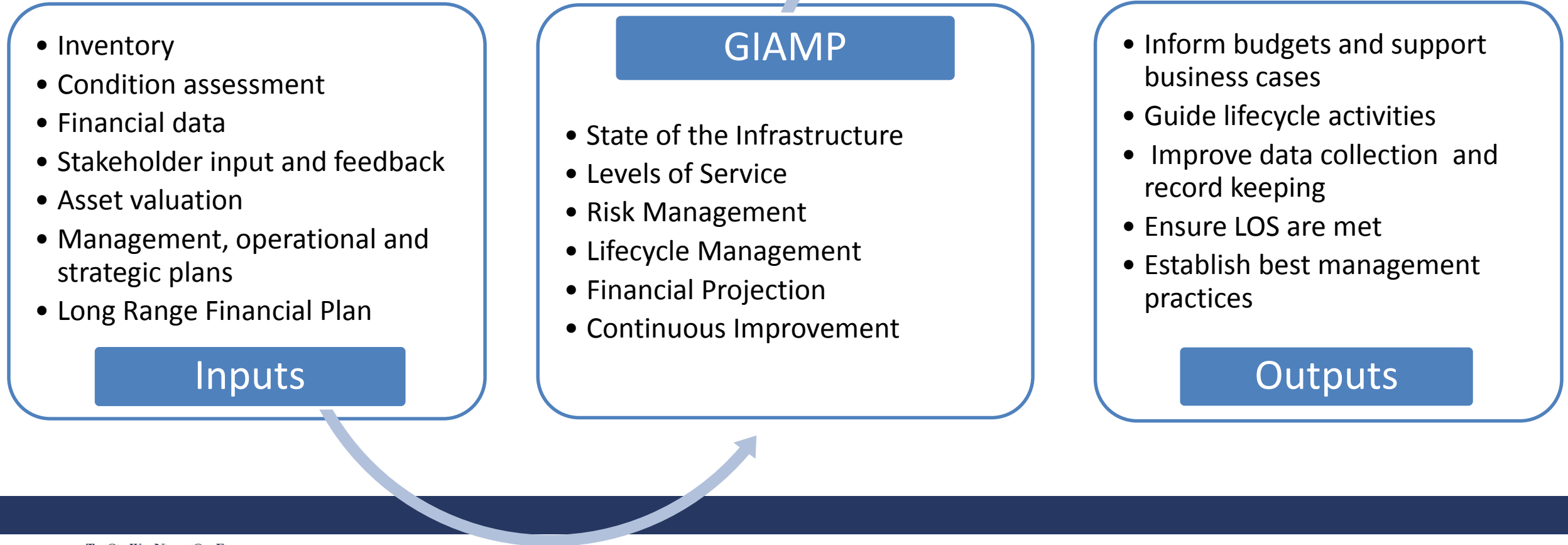
“ ‘green infrastructure asset’ means an infrastructure asset consisting of natural or human-made elements that provide ecological and hydrological functions and processes and includes natural heritage features and systems, parklands, stormwater management systems, street trees, urban forests, natural channels, permeable surfaces and green roofs” – O.REG 588/17



# RELATED PLANS AND STRATEGIES

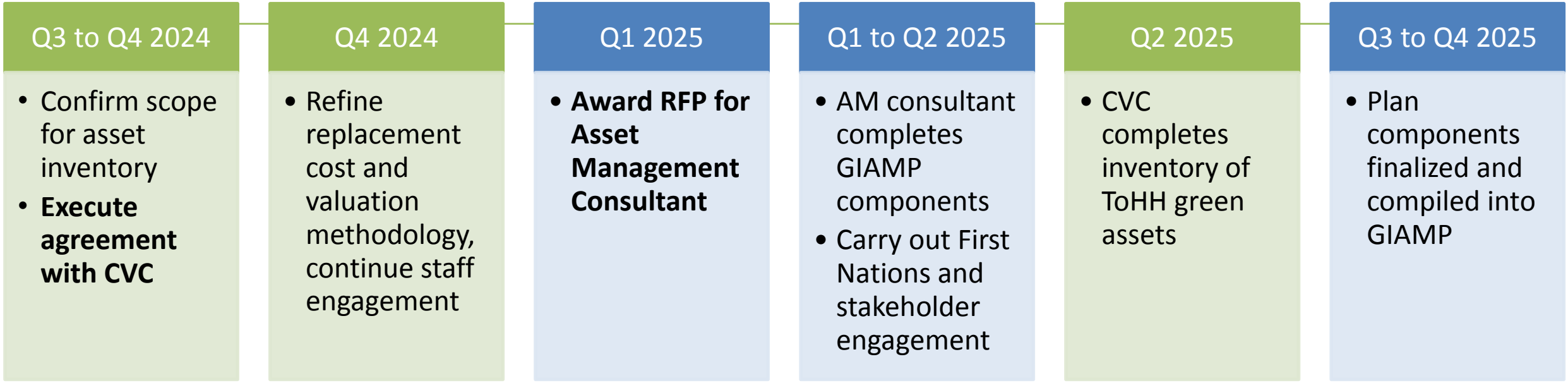


# DEVELOPING THE GIAMP





# NEXT STEPS



Pending 2025 budget approval

# QUESTIONS



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