

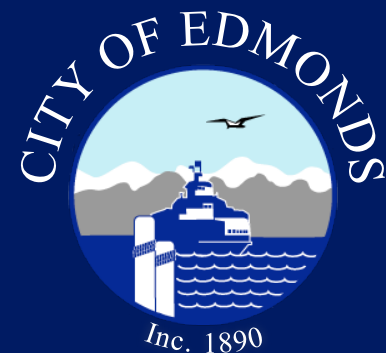


Storm and Surface Water Comprehensive Plan Update

The Path Forward

August 22, 2023

Jerry Shuster P.E., Stormwater Engineer



AGENDA

- What is the Storm & Surface Water Comprehensive Plan (SCP)?
- Why do we Need to Update Our Current Plan?
- What are the steps involved in updating the SCP?
- Questions?



What is the Storm and Surface Water Comprehensive Plan (SCP)

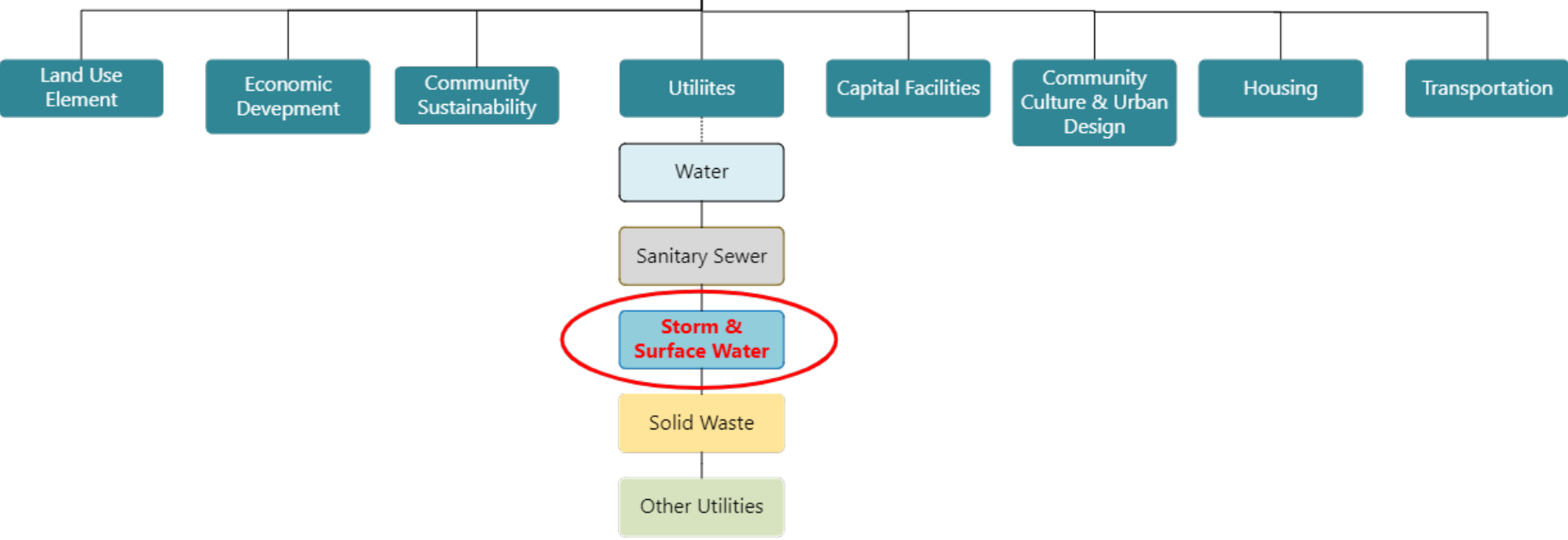
What is the SCP?



High Level:

- Aspirational Plan
- Operation & Maintenance Plan
- Asset Management Plan
- Regulatory Compliance Plan
- Capital Improvement Plan
- Financial Plan
- Equity Plan

City Comprehensive Plan



What is the SCP?

How does the SCP fit with the City's Comprehensive Plan?

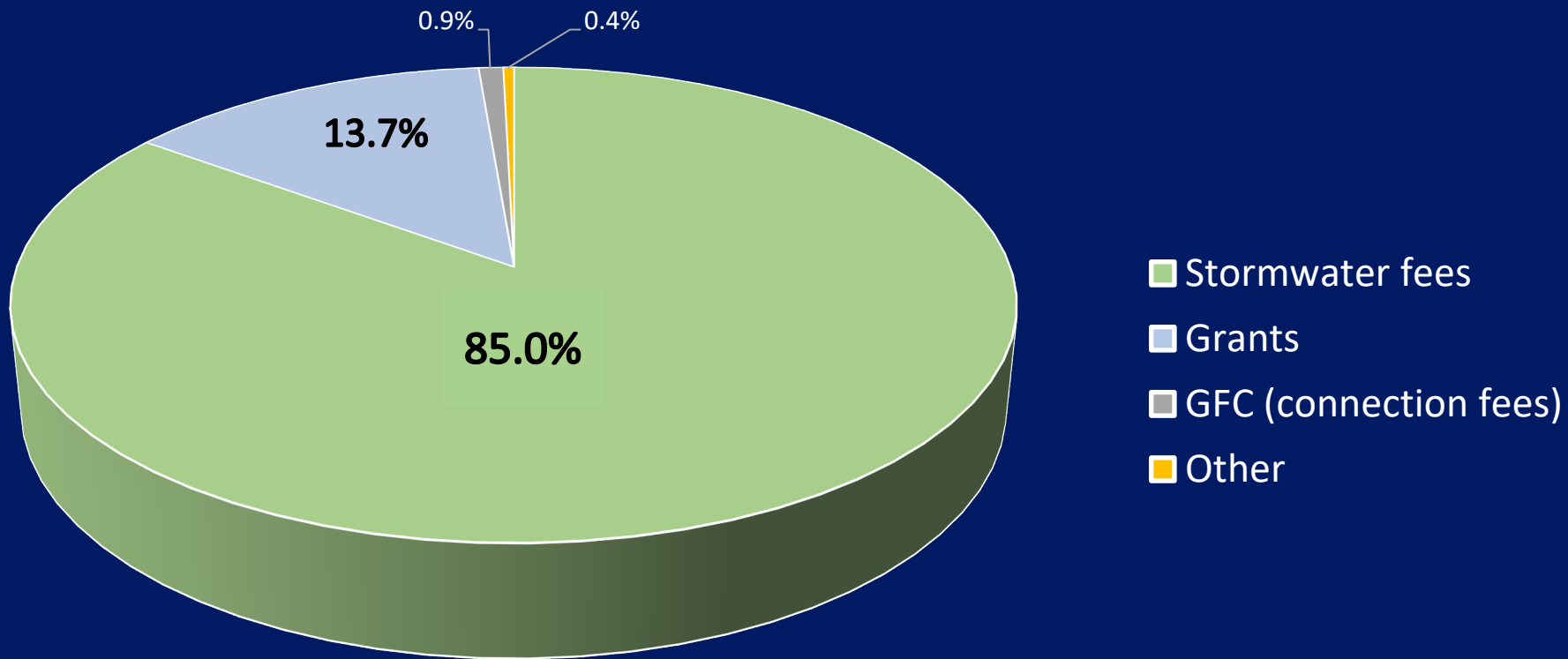
What is the SCP?

ECC Chapter 7.50 – Stormwater Management Utility

“The utility will have primary authority and responsibility for carrying out the city’s comprehensive drainage and storm sewer plan, including responsibilities for planning, design, construction, maintenance, administration, and operation of all city storm and surface water facilities, as well as establishing standards for design, construction, and maintenance of improvements on private property where these may affect storm and surface water management.

What is the SCP?

Stormwater Fund Revenues (2023 budget)



What is the SCP?



Stormwater Utility builds, operates, & maintains the City's **Stormwater Management System**:

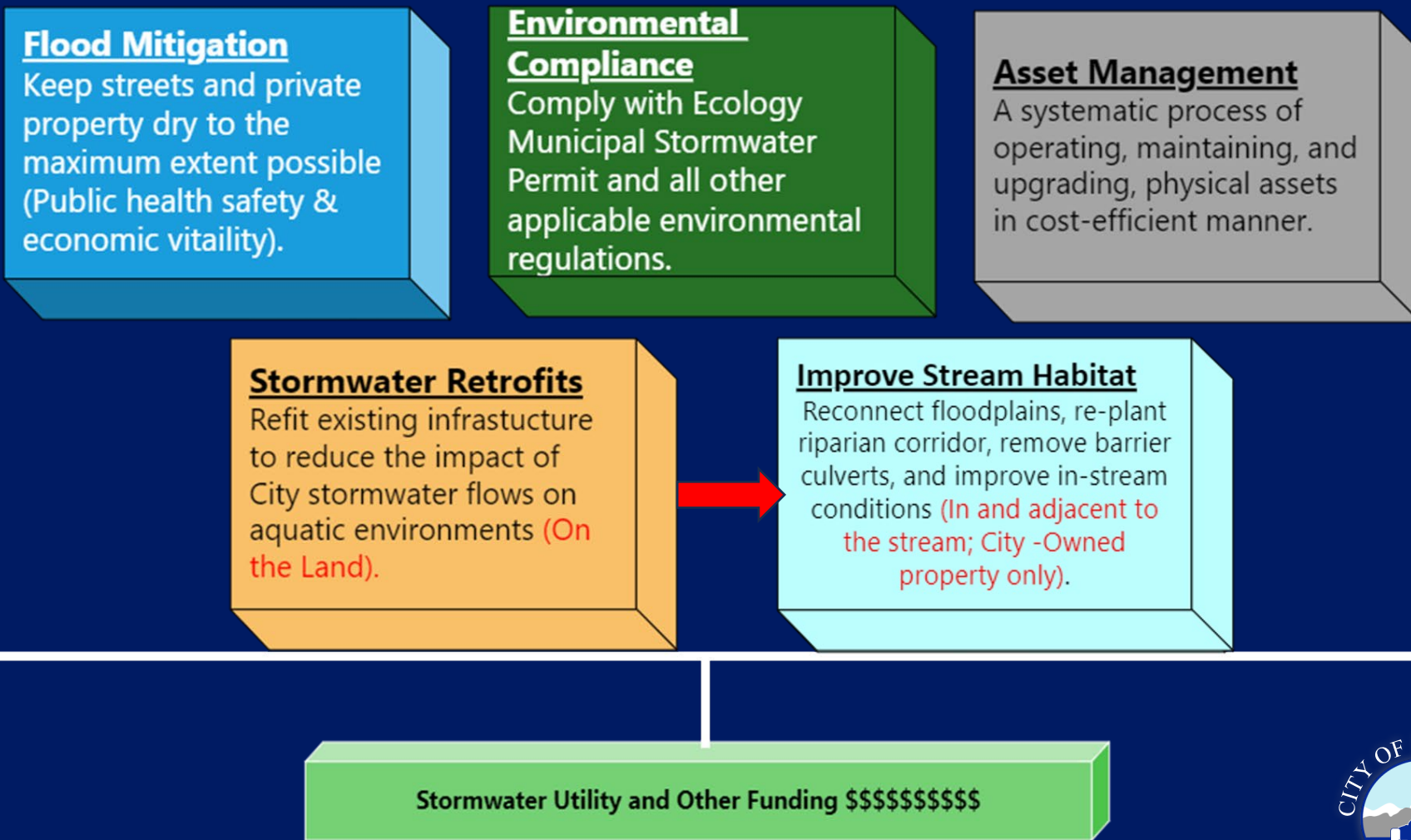
- Pipe & other conveyances
- Roads/Streets/Curb & gutters/Culverts
- Catch basins
- Flow control & treatment systems

Not part of Stormwater Utility:

- Streams, Lakes, Wetlands, Puget Sound
 - These are "Receiving Waters" or "Waters of the State"

What is the SCP?

Building Blocks of SCP



Why do We Need to Update Our Current Plan?

Why do We Need to Update Our Current Plan?

- Adopted in 2010 as a 6-year plan
- Regulations are changing; we need a plan to remain in compliance
- Climate is changing – adapt
- Growth is happening
- Attitudes change, need to be in sync with **stakeholders**



Why do We Need to Update Our Current Plan?

Internal stakeholders

- Edmonds property owners (rate payers)/residents
- Edmonds business owners
- City Council
- Edmonds Developers
- Interested Community Groups (Edmonds Marsh Estuary Advocates, Stream Team, others)
- Other City Departments (Planning & Parks)

Why do We Need to Update Our Current Plan?

External stakeholders?

- Dept of Ecology/Commerce (WA)
- Department of Fish & Wildlife (WA)
- Tribes (Tulalip, Snoqualmie)
- Washington Dept. of Transportation
- Port of Edmonds
- City of Shoreline – Lake Ballinger
- City of Mountlake Terrace - Lake Ballinger/ Forum
- City of Lynnwood - Lake Ballinger & they send us runoff (Perrinville Creek)
- Town of Woodway
- Olympic View W&S

What are the steps involved in updating the SCP?

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1. **Phase I** (scheduled to be completed by end of 2023)
 - A. Review current practices – How are we currently spending Stormwater Fund dollars?
 - B. Assess need for flood reduction capital projects
 - c. Develop Goals & Policies for each Building Block

What are the steps involved in updating the SCP?

Phase 1c: Develop Goals & Policies for each Building Block

Flood Mitigation

Keep streets and private property dry to the maximum extent possible (Public health safety & economic vitality).

Environmental Compliance

Comply with Ecology Municipal Stormwater Permit and all other applicable environmental regulations.

Asset Management

A systematic process of operating, maintaining, and upgrading, physical assets in cost-efficient manner.

Stormwater Retrofits

Refit existing infrastructure to reduce the impact of City stormwater flows on aquatic environments (On the Land).

Improve Stream Habitat

Reconnect floodplains, re-plant riparian corridor, remove barrier culverts, and improve in-stream conditions (In and adjacent to the stream; City -Owned property only).

Stormwater Utility and Other Funding \$\$\$\$\$\$\$\$\$



What are the steps involved in updating the SCP?

2. Phase II

- A. Develop Draft SCP w/financial plan
- B. State Environmental Policy Act (SEPA) process
- C. Finalize the SCP/financial plan

Incorporate Stakeholder input on all steps



What are the steps involved in updating the SCP?

Phase II A: Develop Draft SCP w/financial plan:

- Programs
- Maintenance Practices
- Capital Projects
- Potential Code changes



Programs

- Residential Rain Garden Program
- Streamside Property owner Assistance Program
- Expanding Inspections of private stormwater systems

Maintenance Practices

- Increased Street Sweeping
- Additional Pipe Cleaning



Code Changes

- Land Use – Impervious Surface Limits
 - Stormwater
 - Critical Areas





Capital Projects

- Flood Reduction
- More Stormwater Retrofits (quantity & quality)
 - Regional Facilities
- Annual Pipeline Replacement and Repair Program

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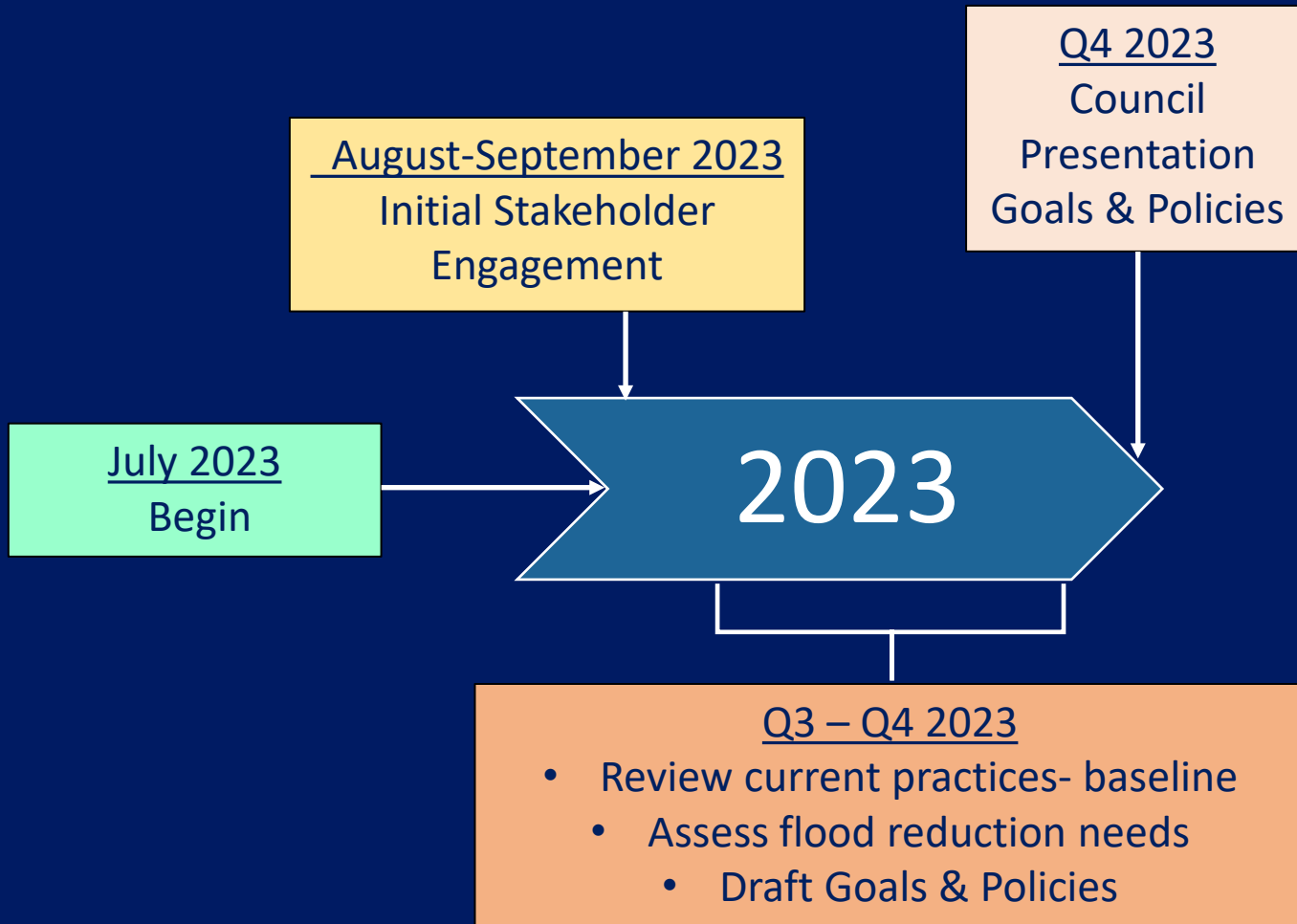
Stakeholder Engagement for All Steps

- **Initial Community Engagement (August-December 2023)**
 - Survey for stakeholder input in Developing Goal & Policies
 - Stakeholder Workshop 1 (virtual)
 - Community Event (in-person) – TBD
 - Council presentation of Draft Goals & Polices (4Q 2023)
- **Additional Stakeholder Engagement**
 - Draft SCP (2Q 2024)
 - Stakeholder Workshop 2 (virtual)
 - SEPA review (comment period)
 - Council Public Hearing on final SCP



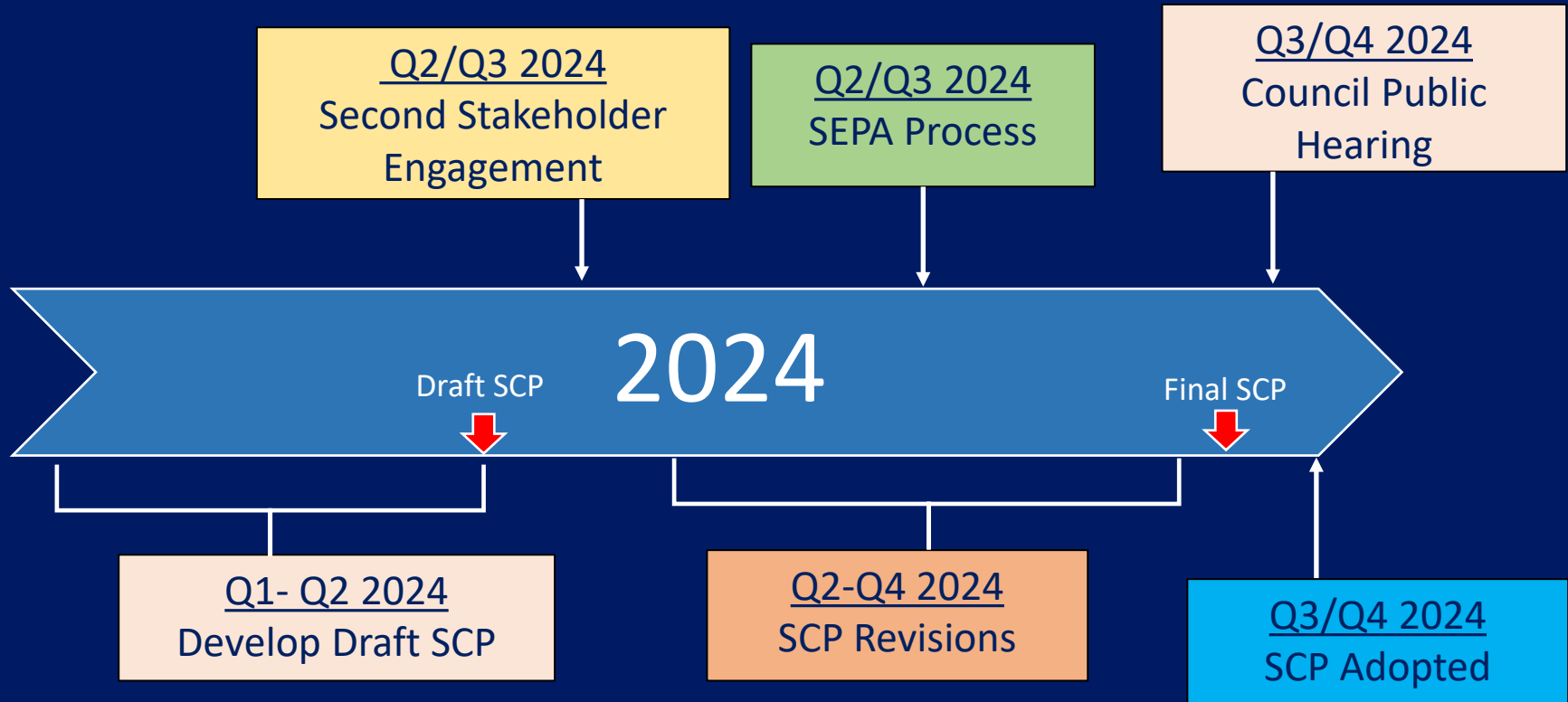
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Next Steps



What are the steps involved in updating the SCP?

High level Timeline 2024



Questions/Discussion?

