

**Sea Level Rise Response Plan
Utility Advisory Committee
April 6, 2017**



GOAL: Develop a formal community plan that prioritizes investments for best responding to sea rise, while protecting downtown economic, social and environmental values. The plan will identify funding needs and sources, implementation schedules and responsibilities.

AGENDA ITEMS

TOPICS

- Status - Getting Started
 - Consultant selection
 - Interlocal agreement
 - Organization
 - Schedule

- Sea Rise Projections

- February 8 Public Meeting
 - Lessons learned

- Current Focus
 - Scope of work
 - Communication plan

- Upcoming communications

NOTES AND FOLLOW-UP

Sea Level Rise
Draft Project Schedule and Outreach 12/29/16

Project Steps	2017												2018											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1. Assemble Project Team including Consultants	█																							
2. Review Available Information and Identify Gaps			█																					
3. Develop Planning Framework and Process			█																					
4. Assess Risks and Vulnerabilities					█																			
5. Develop Strategy and Decision-Making Tools								█																
6. Complete Draft Plan and Share with Community													█											
7. Revise Plan and Prepare for Adoption																█								
8. Adopt Plan																			█					

City of Olympia Outreach Tools

Sea Rise Webpage			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Project e-newsletter		●			●				●				●				●			●		
Utility Bill Insert									●									●				●
Expert Review						●				●			●					●				
Stakeholder Meetings - TBD				●		●			●				●		●	●	●			●	●	
Annual Open House Presentation		●												●								
Utility Advisory Committee				●					●						●					●		
Planning Commission						●							●					●		●		
City Council						●							●				●			●	●	

- Citywide
- Expert Review
- Interested Parties
- Decision-makers & Advisory Committees

Olympia SLR Plan
03/08/17 AH

Following are City resources available to AECOM:

- 2011 City of Olympia Engineered Response to Sea Level Rise including all background files (there are a lot of them)
- Digital elevation model (DEM) based on Lidar
- Topographic features
- Aerial imagery
- Inundation elevation polygons (and rasters?)
- Parcel data with ownership, property value, structure value and land use
- Zoning
- Historic district
- All Water Resource utility infrastructure
- Capitol Lake dam, water elevations and modeling
- Employment by transportation zone
- Housing population and dwelling units by parcel
- Road system including emergency response corridors and traffic counts
- Some finished floor and shoreline elevations
- And more

Sea Level Rise Community Update

Participant questions and comments

Budd Inlet flood dynamics

- How severe was historic flooding?
- What is the current flood elevation?
- How does the location and shape of Budd Inlet influence flooding.
- How would an earthquake impact? Liquifaction.
- How does FEMA define flood risks?

Impacts to downtown

- **Looks like a lot of business will be impacted.**
- **What is the timeline for impacts to occur?**
- What dynamics does the modeling of future conditions include?
- Since downtown is built on fill, how will the sediments be affected?
- Web information suggests that SLR could be much higher than we are indicating.

Relationship to other City plans and goals

- **The Downtown Strategy has a 20 year planning horizon. How does SLR link with the Strategy?**
- **Why is downtown development being encouraged? There is a lot of development underway.**
- **Why are we proposing to protect current development when there are upland areas that could be developed instead?**

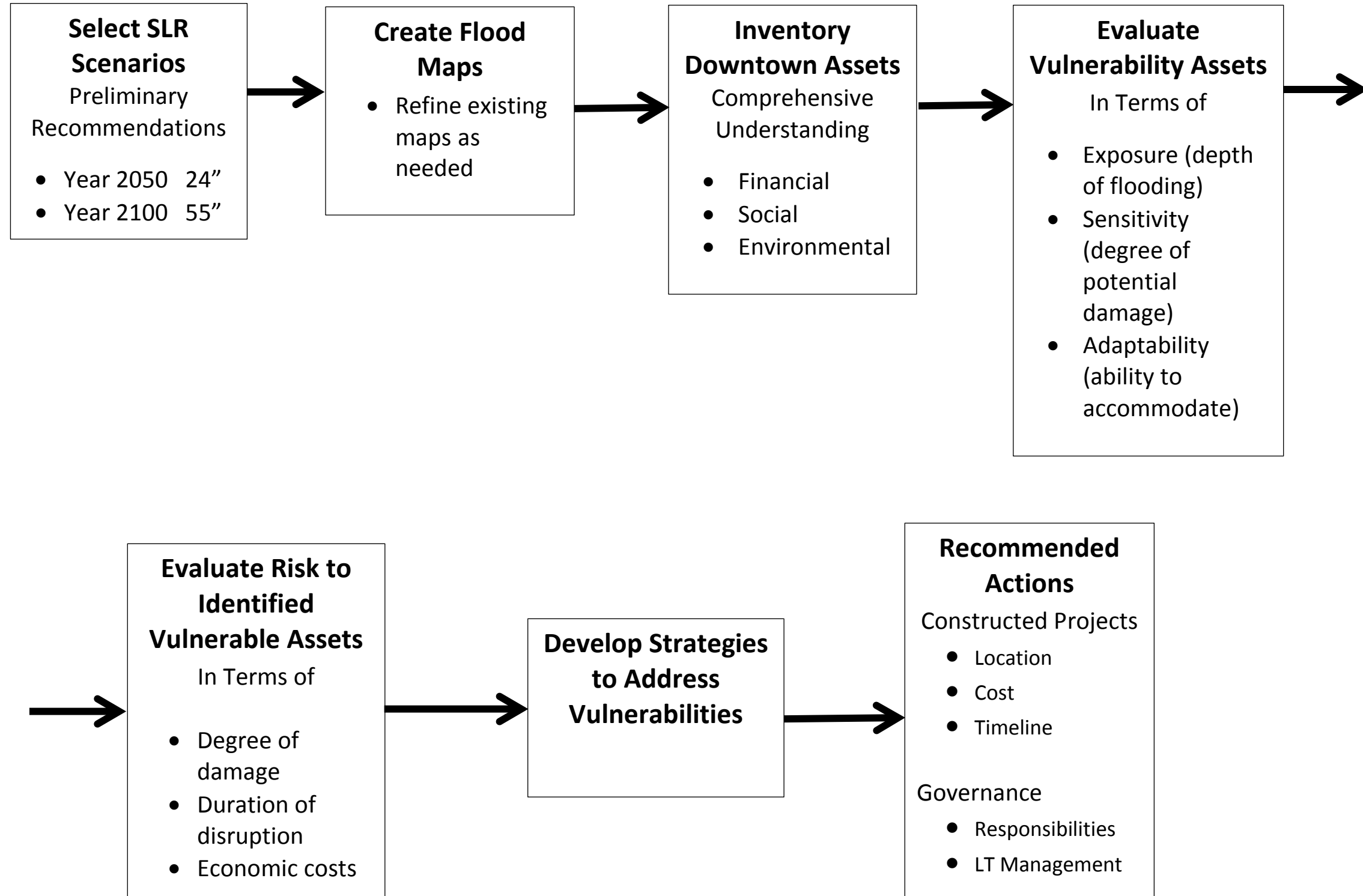
Planning process

- **What is the City's plan to address SLR?**
- **When will public involvement occur?**
- **Will the public be involved in plan scoping and when?**
- **Is there a timeline for public involvement?**
- How do we make the planning process sexy enough for folks to participate?
- Are we looking for ideas for other areas of the US and world?
- How does Olympia risks compare with other WA cities?

Sea Level Rise – Planning Process

03/30/2017

Bring governance up to beginning



Sea Level Rise - Scope of Work
 Task 5 City Concept
 2/28/17 AH

