

Marine Spatial Planning & Working Waterfronts in Washington

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Overview

- Background on Washington law and process
- Summary of projects underway
 - Working waterfronts projects, highlights

Why do we need planning?

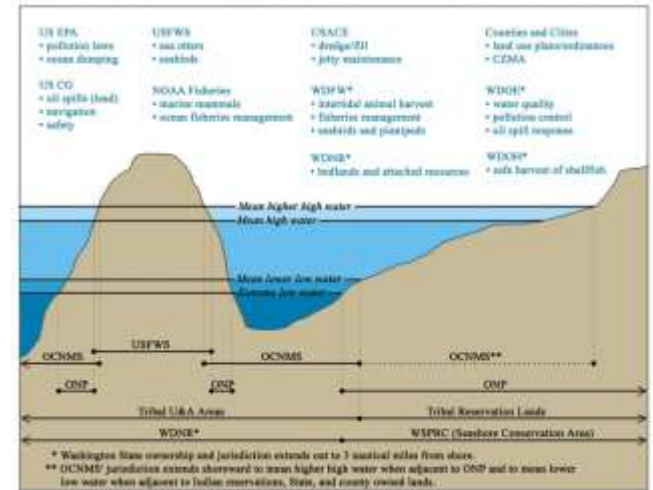


Increasing pressures,
demands of existing uses

New uses



Lots of governments
and authorities!



Conflicts among uses



Hopper Dredge Essayons
Source: US Army Corps of Engineers

Source: NOAA Olympic Coast National
Marine Sanctuary

State Law Definition

Marine Spatial Planning (MSP) is a public process of analyzing and allocating the spatial and temporal distribution of human activities in marine environments to achieve ecological, economic, and social objectives.

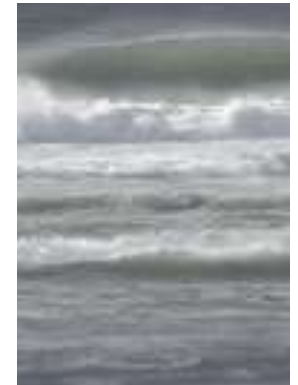
- Coordinating decisions – **NON-regulatory**
- Uses spatial data – often displayed as maps
- Proactive
- Multi-use

Marine Spatial Planning

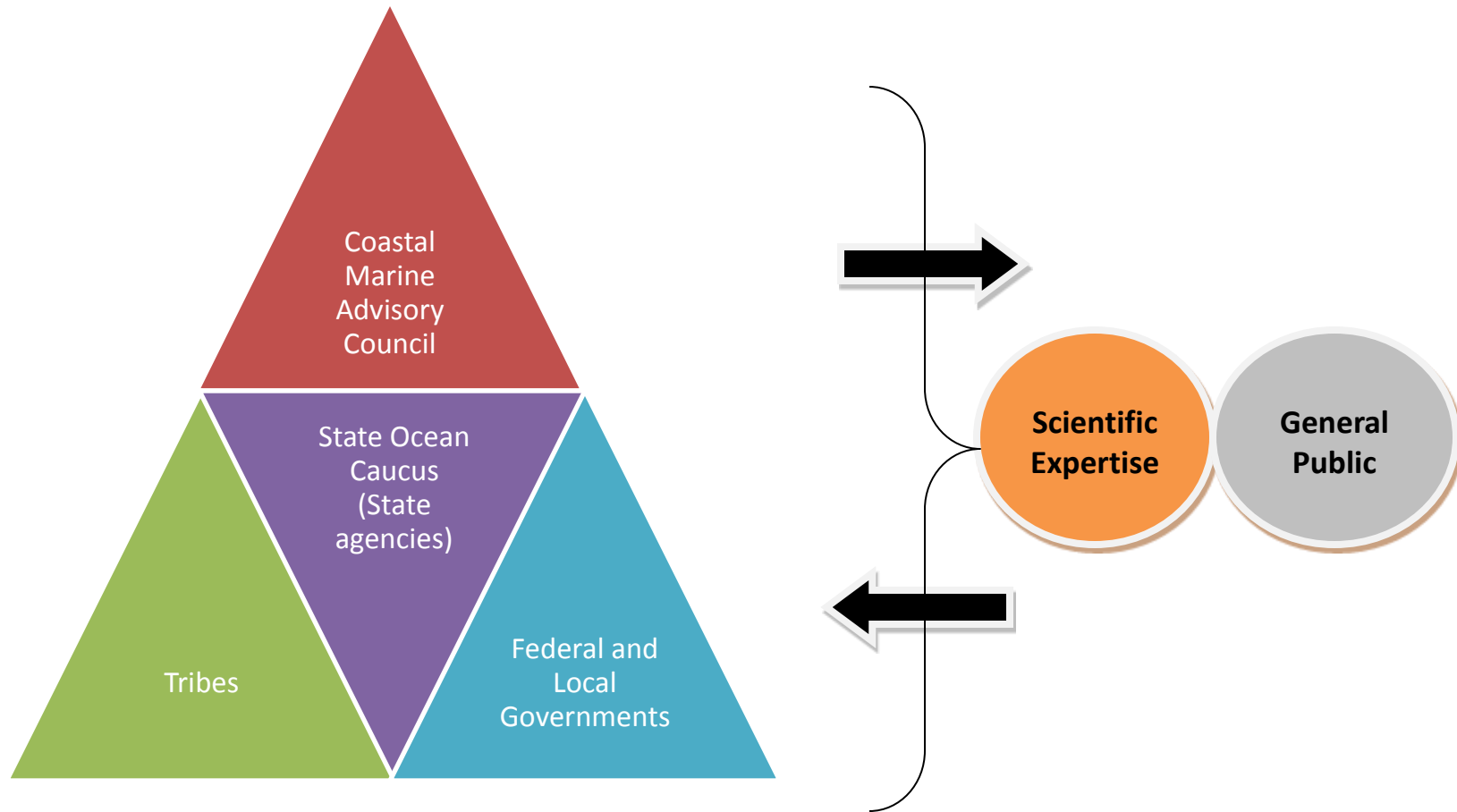
Final plan must include:

- Ecosystem assessment and indicators
- Management measures
- Series of maps
- State recommendations for federal waters
- Implementation plan
- Framework for renewable energy

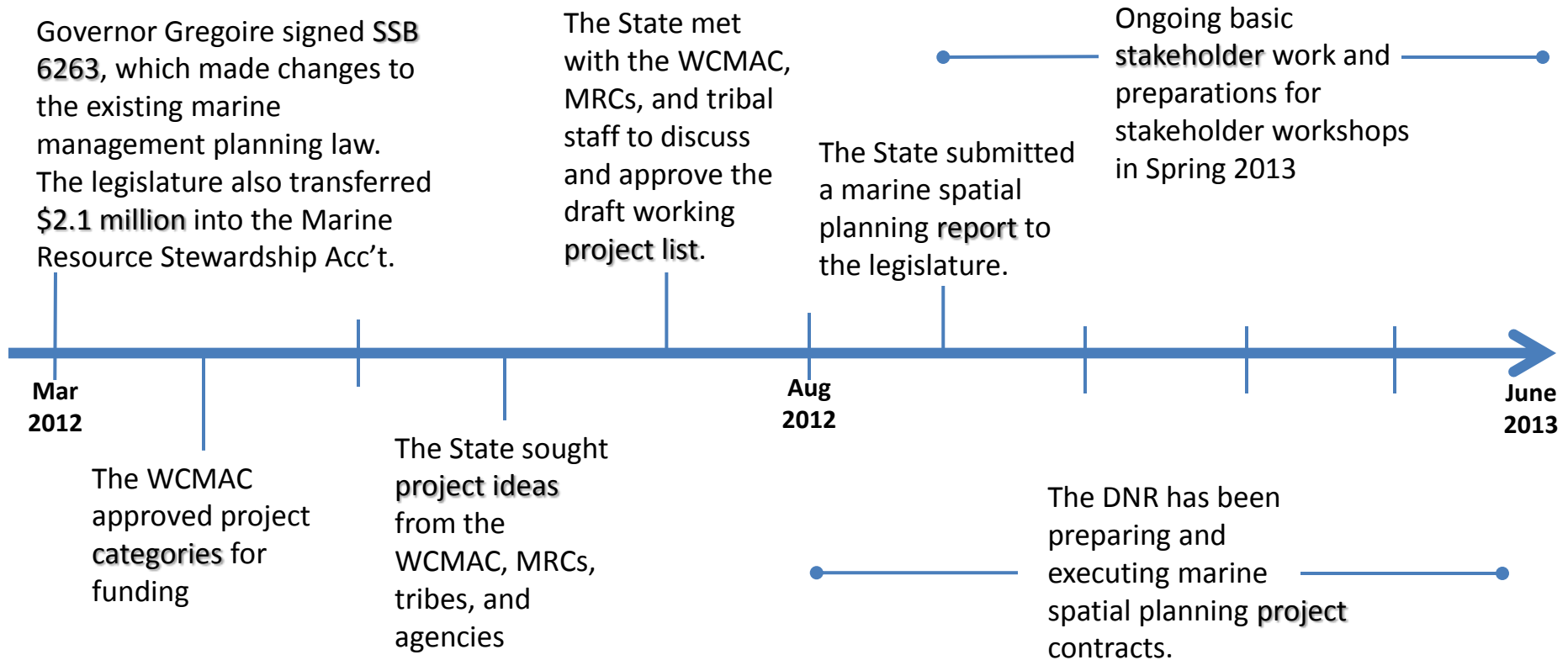
Marine Spatial Planning: core principles



Planning is a Public Process



Planning Process to Date



Project Categories

	Mapping activities	Ecological assessment	Data tools	Stakeholder engagement
Goal	<ul style="list-style-type: none"> Map baseline conditions - distribution, abundance, intensity, and temporal/spatial patterns Forecast potential future conditions - patterns 	Assess status and trends of ecosystem (ecological, social, economic factors) and threats to resources. Develop ecosystem indicators.	Enable access, sharing, analysis and management of data for the planning process. Ensure robust technical and scientific input on data quality, access, and management issues.	Increase awareness, participation, and involvement of various groups in pre-planning process. Improve communication and coordination among groups involved in the process.
Product	<ul style="list-style-type: none"> Social and Economic data - human uses, traditional knowledge and cultural resources, economic valuation Physical and Ecological data - Bathymetry and habitat, oceanographic processes, ecologically important areas, renewable energy potential Biological data – Fish, marine mammals, invertebrates, seabirds, etc. 	Examples of projects might include: analysis of status and trends, indicator development, threats/risk assessment, identification of adaptive management strategies underway, etc.	<ul style="list-style-type: none"> Data synthesis tool(s) GIS data access and management Scientific and technical expertise and input 	Examples of projects might include: meetings, trainings, forums, facilitation, coordination of existing groups, etc.

Working Waterfronts and MSP

Project	Product	Contractor
Marine Economic Baseline for the Washington Coast	Report, website, and webinar detailing the current status of the coastal marine based economy	UW Program on the Environment
Mapping fishing data	Two separate projects that will provide GIS data on commercial and recreational fishing in general and for the tribes	WDFW and NW Indian Fisheries Commission
MSP mapping tool and website	GIS tool for mapping human uses and physical and biological conditions of the ocean (to be used for spatial planning)	State agencies
Energy suitability mapping	Geospatial data sets for economic suitability of wave, tidal, and offshore wind devices off of Washington's coast	Pacific Northwest National Labs



Questions?



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