

A Framework for Climate Change Adaptation in Hawaii

ORMP Working Group & UH Center for Island Climate Adaptation & Policy

Fall 2009



Framework for Climate Change Adaptation

Build Climate Change Adaptation Team

Develop & Adopt a Long-Term Vision

Identify Planning Areas Relevant to Climate Change

Scope Climate Change Impacts to Major Sectors

Conduct a Vulnerability Assessment

Conduct a Risk Assessment

Prioritize Areas for Adaptation Planning

Set Preparedness Goals

Development, Select, and Prioritize Preparedness Actions

Implement Preparedness Plan

Monitor Progress and Update Plan as Appropriate



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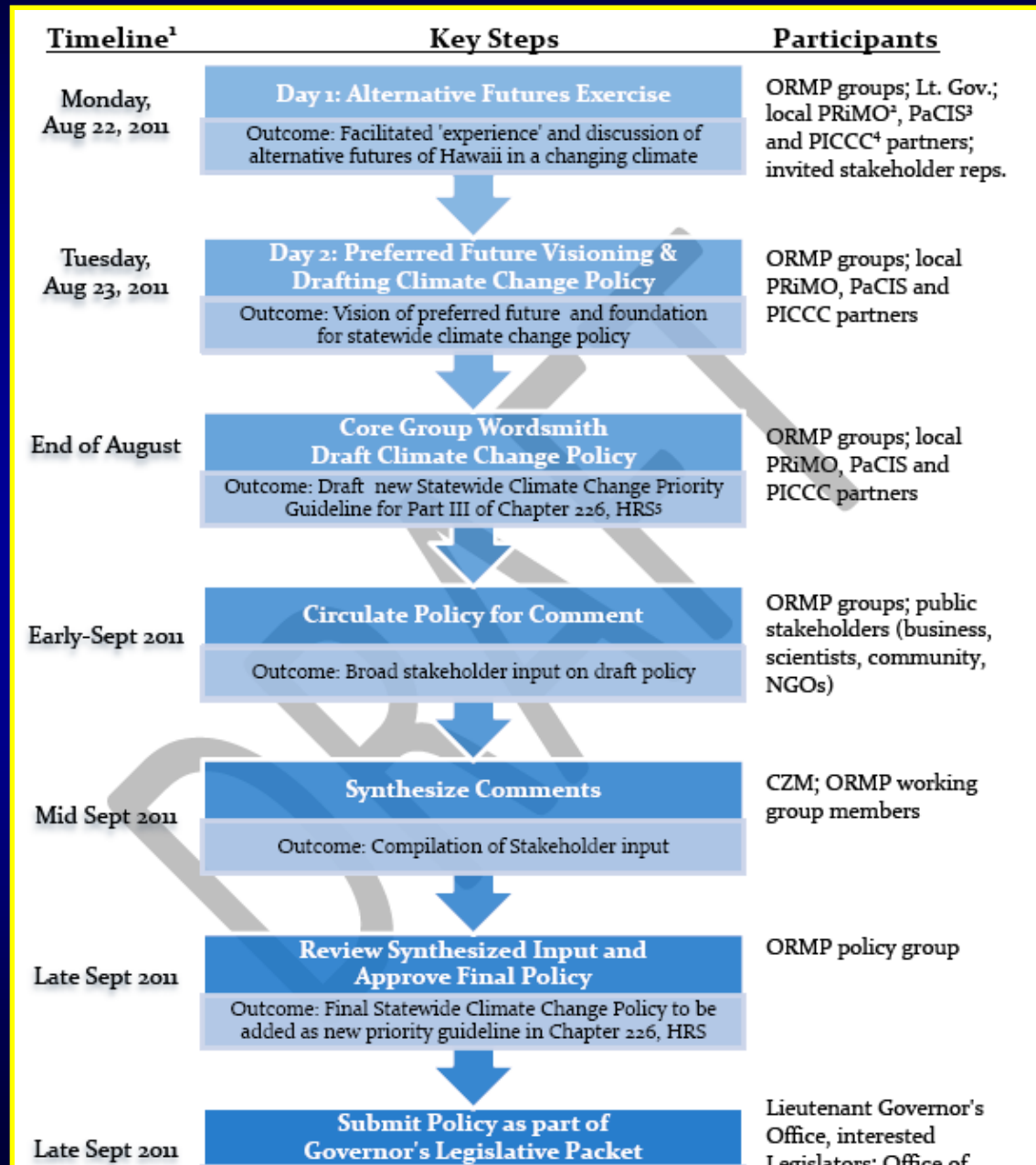


Draft Vision for Hawai'i

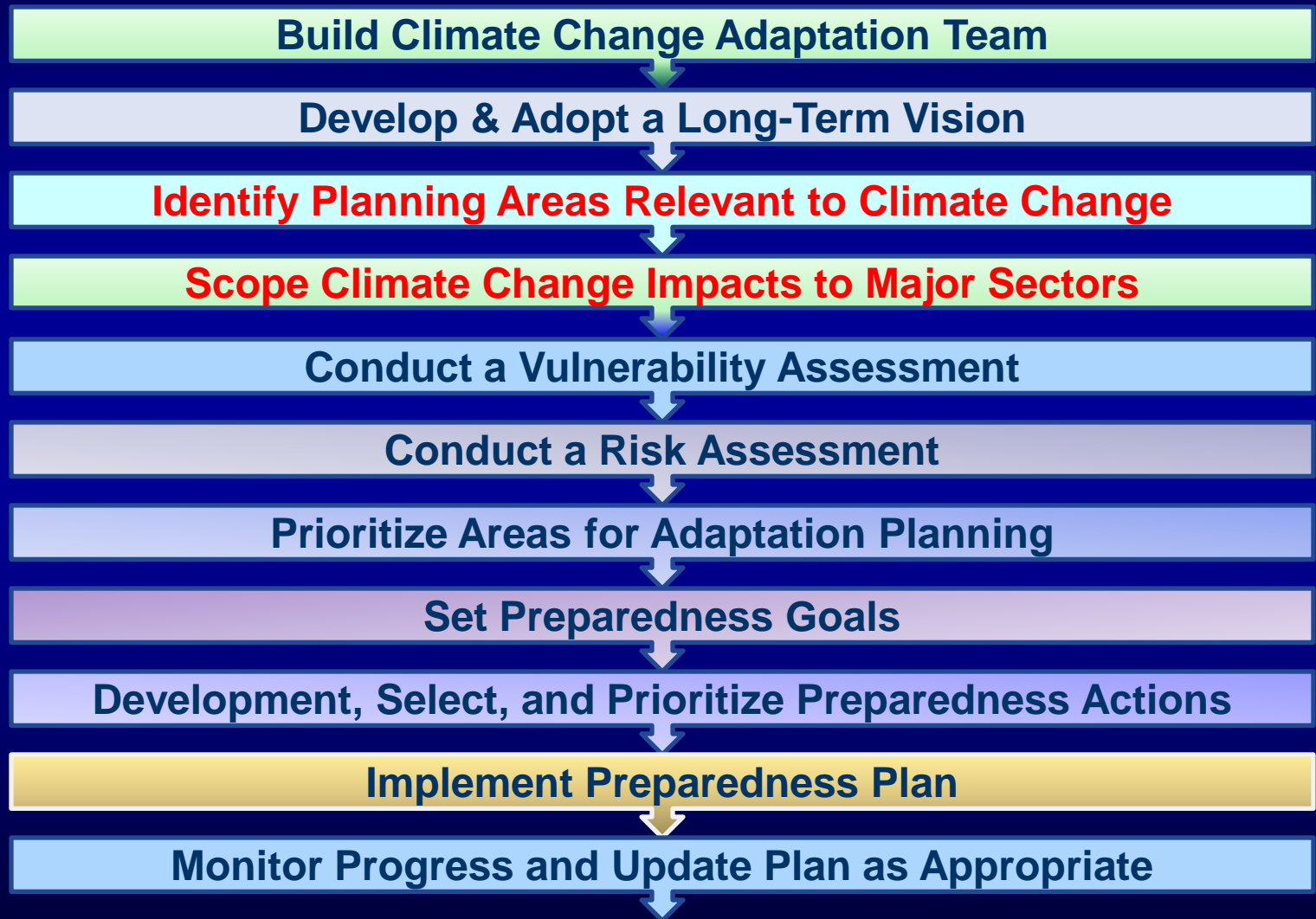


	Future climate impacts on freshwater sustainability in Hawaii	Input downscaled climate information for future scenarios into hydrological models, evaluate future climate effects on groundwater pumping and freshwater sustainability.	WRRC- UH, USGS	Pacific RISA	starting up, waiting for downscaling from IPRC	
Assessments/Studies						
	Study: Climate Change Impacts to Coastal Resources		UHSG; ICAP		ongoing; to be completed by fall 2011(?)	
	Pilot Study: Vulnerability Assessment of Transportation Assets of O'ahu	Workshop to compile transportation assets- complete; Data fed to consultant to conduct vulnerability assessment	Oahu MPO	DOT,	ongoing; to be completed by Sept. 2011	
	Statewide Risk and Vulnerability Assessment	Find gaps in other efforts; develop scope of effort (potentially a phased approach); Identify necessary match; submit proposal; implement	OP/CZM	USACE; ORMP Working Group	in planning/exploratory stages; OP meeting with USACE April 29, 2011	depends on scope and potential in-kind
	Review of SLR with planners, decision makers		ICAP	UH DURP	initial review complete, conversation ongoing; project development	
	Ala Wai Watershed Project 50-yr Hydrology and Hydraulic Climate Change Scenarios	This analysis was developed to define the "future without project condition" as part of the Ala Wai Watershed Feasibility Scoping Meeting (aka Baseline Conditions) Report and Feasibility Plan.	USACE	DLNR/C&C ENV	preliminary final document complete. Awaiting final approval from HQUSACE	
	Regional Assessment of Potential Climate	Summary of climate change impacts, considerations and data gaps specifically related to the USACE Civil	USACE		under development. Draft scheduled to	

Developing Hawaii Climate Change Policy



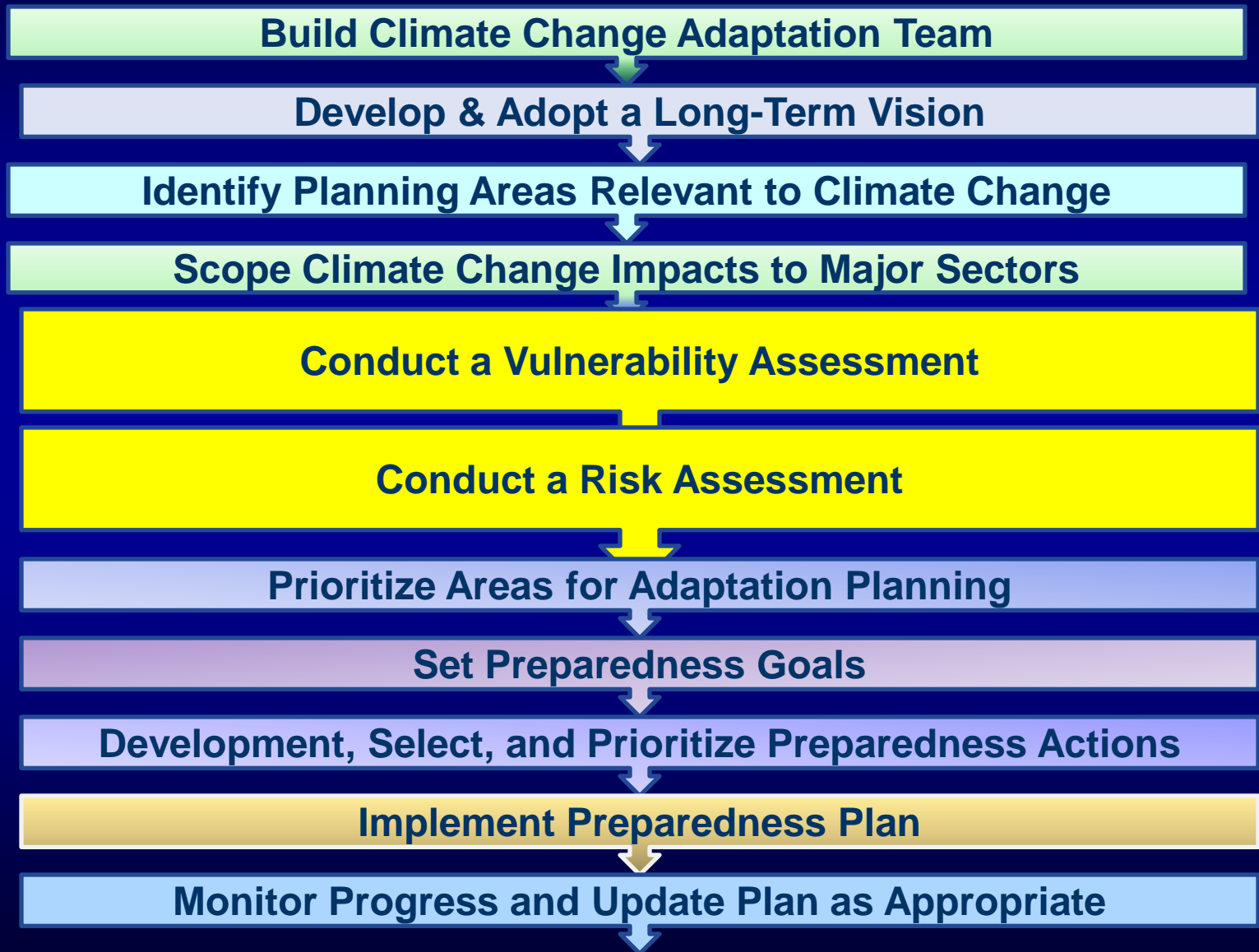
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Values & Planning Sectors for a Long-Term Vision for Hawaii



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Moving forward

Competitive Funding Opportunities

- US Army Corps of Engineers, Planning Assistance for the States
 - ~\$200K
 - Need match for CZM funds
- NOAA Projects of Special Merit funding for CZM Programs
 - Proposals due September 2, 2011
 - Start date July 1, 2012 at earliest
 - Max \$200K
 - No Match required
- Others



Framework for Climate Change Adaptation: Status Update

