



Stakeholder Workshop Policy Discussion

December 13, 2016



Agenda

1. Welcome and Progress Update 1:00 – 1:10 p.m.
2. Policy Ideas Development 1:10 – 1:30 p.m.
 - a) Meeting Objectives
 - b) Development Overview
3. Policy ideas Discussion (Breakouts) 1:30 – 3:45 p.m.
 - a) Rotations 1 through 4
4. Next Steps and Meeting Close 3:45 – 4:00 p.m.



Progress Update





Progress Update - Overview

Final Steps:

2017

- Project Timeline & Triggers
- Short- & Long-Term Policies
- One Water LA 2040 Plan
- Programmatic EIR

Key Tasks Currently In-Progress:

**Q4
2016**

- Wastewater Facilities Plan
- Stormwater Facility Plan
- Long-Term Alternatives Analysis
- Funding Strategies
- Climate Change Adaptation & Mitigation Plan
- LA River Flow Study
- Long-Term Policies & Ordinances

Foundational Work Completed to-date:

- Existing & Future Conditions
- Mass Balance Model
- Description of Existing Wastewater & Stormwater Facilities
- Climate Change Vulnerability Assessment
- Near-Term Integration Opportunities/Case Studies
- Long-Term Integration Opportunities/Basis of Planning
- Several Special Studies



Progress Update - Overview

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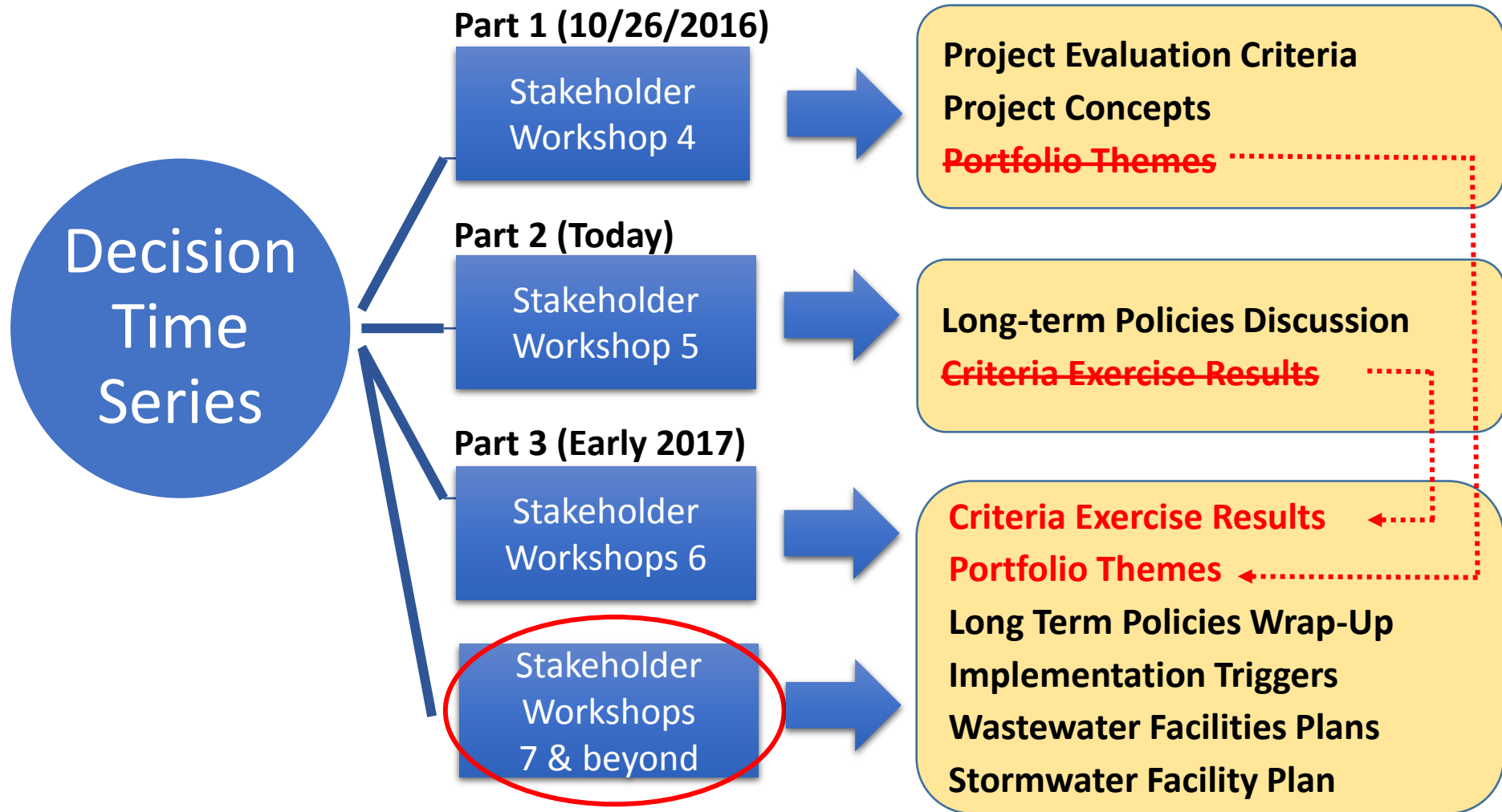
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Purpose of Stakeholder Workshops





Project Manager's Update



1. Criteria Weighting Update
2. Project Ideas Workshop
 - Meeting Summary in progress
 - Project Ideas
 - Policy Ideas and Actions
3. One Water LA Overview & Update (January 2017)
4. Judges Needed for the Recycled Water Customer of the Year Award



Policy Ideas Development





Key Meeting Objectives

1. Provide Overview of Policy Ideas Development Process
2. Familiarize you with Draft Policy Ideas List
3. Review & Discuss Policy Ideas
4. Explain Next Steps





Emailed Master Policy Ideas List

DRAFT							
Ideas and Actions for Future One Water LA Policies							
Original No.	New No.	Policy Lead Department/Agency	Support	Draft Policy Ideas	Source	Ideas Shared	Notes/Comments
Water Conservation & Graywater							
1	1	DBS	LASAN, LADWP	Expand conservation retrofit on resale including showers and toilets for Commercial/Industrial.	LASAN	When a commercial building is sold, the new toilet fixtures need to convert to low flow.	
2	2	BSS	LASAN, DCP	Trees: Update the Street Tree Selection Guide (to favor climate change resistant trees) and incorporate in the Code LA Mitigation Measures Update and Community	LASAN, STG-Stormwater	Urban Forest Incentives: Carefully selected tree list so only drought tolerant, heat and pest resistant trees that can capture stormwater	
3	3	LADOT	LASAN, LADWP	Expand water-efficient irrigation practices for all facilities maintained by LADOT (e.g. Los Angeles River Bike Path).	Steering Committee (LADOT)		
4	4	BSS	LASAN (RAD)	Create a treebate incentive- work with the air quality and regulatory bodies as potential funding sources.	Stormwater STG	Create a Treebate program that considers combining with Green Streets	Incentive
48	5	LADBS	LASAN	Establish a mechanism to track graywater system installations throughout the city. Consider potential impacts of graywater systems on water supply	Department STG, Steering Committee	Work with air quality agencies and regulatory bodies to consider tree installation rebates	Top Recomm. from STG
49	6	DBS	LASAN	Consider revising Graywater standards to include eco-roofs irrigation requirement.	Stormwater STG	Revising LADBS shall evaluate tracking the installation of existing and future graywater systems where feasible. Tracking will be for laundry-to-landscape and simple systems. (NOTE: Complex systems currently	
Stormwater and Urban Runoff - Preventive Stormwater Quality Improvement Measures							
34	7	LAGWP, LASAN	All City Dept.	Develop an ordinance requiring water from swimming pools to be discharged to the sewer (versus storm drain or street).			
85	8	Public Works		Consider incentives for street parking systems that protect inventory and invest more in the street to reduce trash pollution	Project Workshop		
86	9	Public Works		Develop an ordinance requiring City streets and waterbodies.	Project Workshop		
87	10	Public Works		Develop an ordinance (regulation) regulating types of lawns that prevent nutrient pollution	Project Workshop		
Stormwater and Urban Runoff - Promote Integrated Design							
5	11	BOE, LAIR		Create simplified standard plans for permeable pavement. Work with fire department to have permeable pavement standards.	LASAN		Refer to BOE Standard Plans 5-600 (with no approval of payers as of yet)
7	12	LASAN		Consider overall impacts of upstream BMP installation on funds for larger downstream BMPs over time.	LASAN, Funding STG	Concern on overbuilding infrastructure, the public should not pay for something that may not be needed in the future (e.g. dry weather capital projects)	
8	13			Address policy, permit process and current standard plan requirements to remove barriers and simplify process for installing parkway swales and other stormwater BMPs.	Stormwater STG Project Workshop, LASAN	1) Remove barriers to those who want to install parkway swales (STG). 2) A lack of easy to follow standards and guidelines is a barrier to decentralized BMP implementation (PW). 3) Reexamine requirements that impede decentralized stormwater implementation including downspout redirect distance requirement.	
11	14	All City Dept.	LASAN	Maximize use of City owned property for Stormwater capture retrofits.	Steering Committee	Parcel Utilization: City property that easily allows for Stormwater infiltration.	
15	15	All City Dept.	LASAN	Create standardized agreements to ensure maintenance of collaborative Stormwater projects.	Steering Committee, LA Basin Study	Work with RAP, LAUSD, and other large landholders to ensure maintenance and optimization for stormwater projects (SC). Streamline requirements for maintenance of existing infrastructure (LA Basin).	
17	16			Make groundwater recharge at publicly owned sites a priority and/or detain water for reuse in irrigation, while maintaining water quality	Steering Committee (HSR)		
18	17			Evaluate the feasibility of incorporating curb-cuts and tree water wells to public right-of-way tree planting projects.	Various		
	18	BOE	LASAN, BSS	Create simplified standard plans for multiple distributed green infrastructure BMPs in the public right of way.	LASAN	This includes: Infiltrative BMPs such as dry-wells with varying infiltration capacities, BMPs for sloped areas such as terraced systems, BMPs for areas where infiltration is not an option, such as capture/reuse cisterns, specific standards for certain apertures such as medians and roundabouts, and retro-fitting features such as tree well trenches.	WPD - May combine with policy #8.
	19	LASAN	All City Depts.	Assure that water quality benefits are considered a critical implementation criteria for Green Street Projects.	LASAN		WPD
19	20			Maximize water supply opportunities in EWMP Implementation	LA Basin Study	Utilizing EWMPs for dual-purpose of water conservation	

Master List provided by email with Meeting invitation

A scenic view of a city skyline across a body of water, with palm trees and a park in the foreground. The image shows a clear blue sky, a calm body of water reflecting the city, and a lush green park with palm trees and a paved path in the foreground. The city skyline in the background features several tall buildings, including a prominent one with a red and white striped facade.

Water Conservation & Graywater						
1	3	DBS	LASAN	Expand conservation retrofit on resale including showers and toilets for Commercial/Industrial.	LASAN	When a commercial building is sold, the new titleholders need to convert to low flow.
2	2	DBS	LASAN, DCP	Review: Update the Smart Tree Selection Guide (to favor climate change resistant trees) and incorporate in the Code LA Mitigation Measures Update and Community	LAJAN, STG-Stormwater	When Forest Incentives. Carefully selected trees that are drought tolerant, have a long post net net that can capture stormwater
3	3	LADOT	LASAN, LADWP	Expand water-efficient irrigation practices for all facilities maintained by LADOT (e.g., Los Angeles River Bike Paths).	Steering Committee (LADOT)	
4	4	DBS	LAJAN (RAD)	Create a treasure incentive: working with the city and regulatory bodies as potential funding sources.	Stormwater STG	Create a Treasure Incentive program for businesses with Green Streets
48	5	LADBS	LASAN	Establish a mechanism to track graywater system installations throughout the city. Consider potential impacts of graywater systems on water supply	Stormwater STG	Work with the City to develop incentives and regulatory
49	6	DBS	LASAN	Consider revising Graywater standards to include irrigation requirements.	Stormwater STG	Develop and evaluate tracking the installation of graywater and future graywater systems where tracking will be for laundry to landscape and some systems. (NGT). Complex systems currently
Stormwater and Urban Runoff - Preventive Stormwater Quality Improvement Measures						Review graywater standards to make eco-roofs viable
54	7	LADWP, LASAN	All City Dept.	Develop an ordinance to require stormwater treatment for all new parking lots (permeable pavement)	LASAN	
55	8	Public Works		City Investment in permeable parking signage as well as other signage to encourage permeable pavement		
56	9	Public Works		City Investment in permeable parking signage as well as other signage to encourage permeable pavement		
57	10	Public Works		City Investment in permeable parking signage as well as other signage to encourage permeable pavement		
Stormwater and Urban Runoff - Integrated Planning - Design						
6	11	BOE, LAFD	LASAN	City Investment in permeable parking signage as well as other signage to encourage permeable pavement	Project Workshop	
7	12			Consider overall impacts of parking lots on stormwater runoff for larger developments. Review standards	LAJAN, Funding STG	Concern on overbuilding infrastructure, the public should not pay for something that may not be needed in the future (e.g., dry weather capital projects)
8	13			Adopt a standard for permeable pavement in current standard plan	Stormwater STG Project Workshop, LASAN	1) Remove barriers to those who want to parkway (e.g., STG 2.1.4) a lack of easement standards and guidelines is a barrier to BMP implementation (PWS) 3) Review requirements that impede decentralized implementation including downspout disconnection
11	14			Maximize use of City owned property for Stormwater capture retrofits.	Steering Committee	Parcel Utilization: City property that is Stormwater infiltration
15	15	Fire Dept.	LASAN	Create standardized agreements to ensure maintenance of collaborative Stormwater projects.	Steering Committee, Basin Study	Work with RAP, LAUSD, and other key to ensure maintenance and optimal stormwater projects (SC). Strive for maintenance of existing structures

Stakeholder Workshop #5 - Discussion Group 3			
Row	Master List No.	Draft Policy Ideas	Source(s)
Water Conservation & Graywater			

Stakeholder Workshop #5 - Discussion Group 1			Water Future- ee (LASAN- ee)	G, Steering G	rrships rtee ing STG op (world op Sprun
List	Draft Policy Ideas	Source(s)			
and Urban Runoff - Preventive Stormwater Quality Improvement Measures			ee, top		

Note: The order in this list does not reflect any prioritization

STG Top Recommendation

Highlighted policy ideas that were suggested from more than one source



Policy Ideas Discussion Objectives

Today's Workshop

- Develop shared understanding of content
- Answer questions related to Policy Ideas List
- Identify missing Ideas

Next Steps

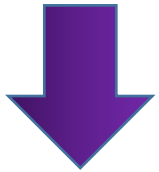
- Share Complete List of Ideas
- Solicit feedback on priorities





Background: Policy Development Process

2006 Water IRP



- Some Completed
- Some In-Progress
- Some to be Considered for Modification

One Water LA Phase 1



- *Stormwater Capture MP*
- *LA Basin Conservation Study*
- *EWMPs*
- *Living Streets*
- *GRASS*
- *Coalition of the Future*

One Water LA Phase 2



- *Public Groups*
- *Group*
- *Committee*
- *Project Workshop*
- *Workshops*
- *ngs*



Policy Ideas Development Goals

Goal of One Water LA 2040 Plan

Nearly 130 Ideas gathered to-date

- **84 Policy Ideas**
- **11 Research Ideas**
- **31 Suggested Actions**



PLAN GOAL:
Recommend Policies to Water Cabinet

Document full list in Plan & make recommendations for further development

Goal of Today's Workshop

DRAFT

Ideas and Actions for Future One Water LA Policies

Original No.	New No.	Policy Lead Department/Agency	Support	Draft Policy Ideas	Source	Comments
Water Conservation & Graywater						
1	1	DBS	LASAN, LADWP	Expand conservation retrofit on resale including showers and toilets for commercial/industrial.	LASAN	When a commercial building is replaced, the new toilet
2	2	BIS	LASAN, DCP	Trees: Update the Street Tree Selection Guide (to favor climate change resistant trees) and incorporate in the Code LA Mitigation Measures Update and Code.	LASAN, DCP	Only light tolerant, heat and pest resistant trees that can capture stormwater
3	3	LADOT	LASAN, LADWP	Expand water-efficient irrigation provisions for City of Los Angeles (e.g. Los Angeles City Code 18.01.010).	Stormwater STG	
4	4	BIS	LASAN (RAD)	Create a treebank incentive program with the air quality regulatory bodies to promote tree planting.	Stormwater STG	Create a treebank incentive program combining with the air quality regulatory bodies to promote tree planting.
48	5	LADBS		Establish a mechanism to track graywater system installation throughout the city. Consider system impacts of graywater systems on water supply network.	Stormwater STG	Consider a mechanism to track graywater system installation throughout the city. Consider system impacts of graywater systems on water supply network.
49	6	LASAN		Consider revisiting Graywater standards and irrigation regulations.	Stormwater STG	Consider revisiting Graywater standards and irrigation regulations.
Stormwater and Urban Infrastructure						
85	8	Public Works	LADWP, LASAN	Conduct inventory and install street parking signs as needed to allow street cleaning activities.	Project Workshop	
86	9	Public Works		Conduct inventory and install street parking signs as needed to allow street cleaning activities.	Project Workshop	
87	10	LASAN		Public Works will conduct a study to evaluate the impact of regulating types of street cleaning equipment used to prevent pollutant runoff.		
Stormwater and Urban Infrastructure Planning & Design						
5	11	LADWP, LASAN		Create simplified standard plans for permeable pavement. Work with fire department to approve permeable pavement standards.		Refer to BCL Standard Plans 5-600 (with no approved permeable pavement of yet)
7	12	LASAN		Consider overall impacts of upstream BMP installation on needs for larger downstream BMPs over time.	STG	Concerns on overbuilding infrastructure, the public should not pay for something that may not be needed in the future (e.g. dry weather capital projects).
8	13					1) Remove barriers to those who want to install parkway swales (STG). 2) A lack of easy to follow
11	14	All City Dept				
15	15	All City Dept				
17	16					
18	17					
	18	BOE				WPD - May combine with policy #6.
	19	LASAN				WPD
19	20					

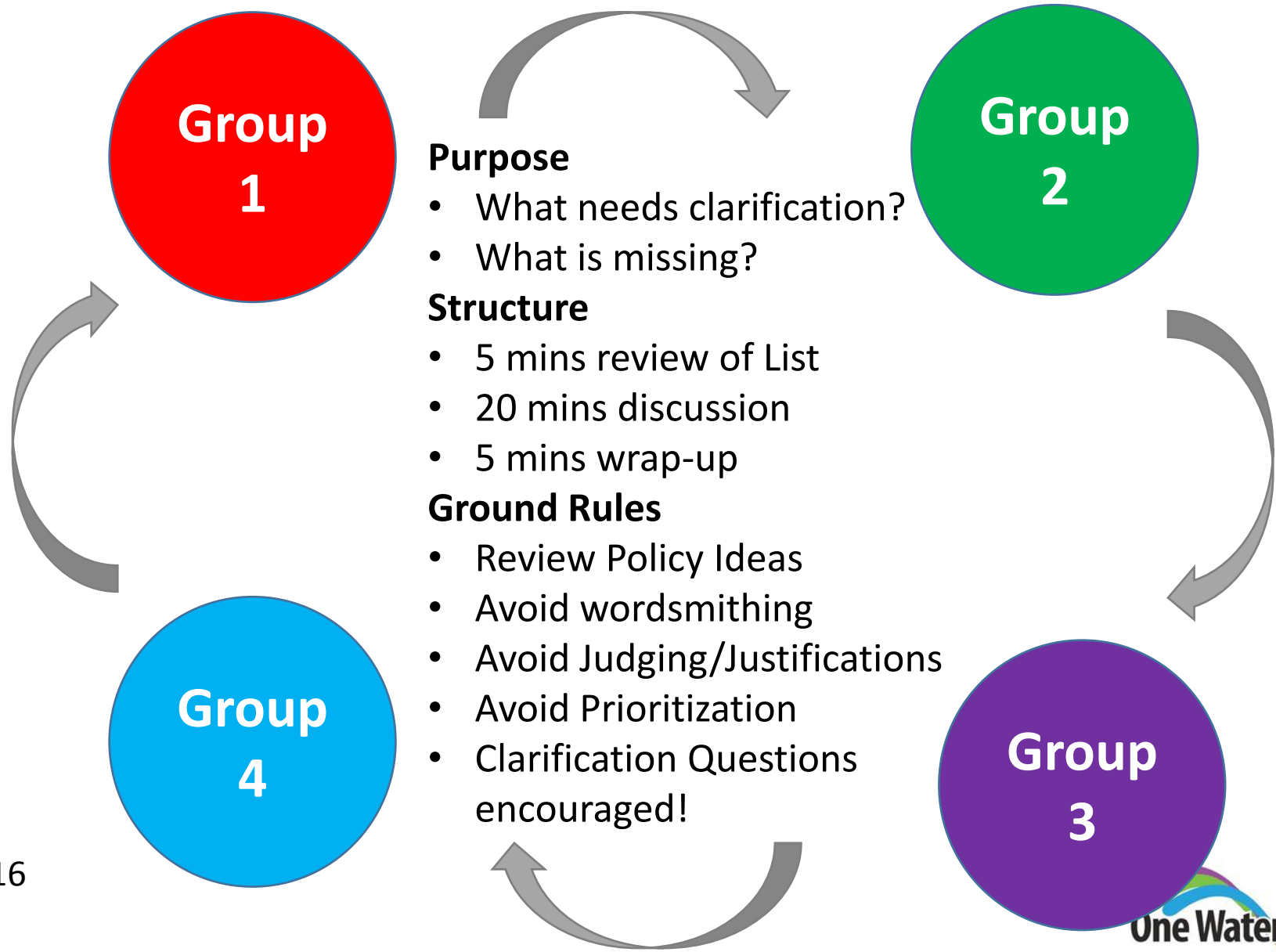
Master List Provided by email with Meeting invitation

WORKSHOP GOAL:

- 1) Familiarize Stakeholder Group with List Ideas
- 2) Obtain Missing Ideas before Prioritization



Policy Discussion with 4 Rotations





Policy Discussion Groups

Group 1

- Stormwater – Preventive Measures
- Integrated Planning

Group 2

- Stormwater – Streamline Implementation
- Stormwater – Incentive Programs

Group 3

- Water Conservation & Graywater
- Onsite Recycled Wastewater Treatment Facilities
- LA River Revitalization

Group 4

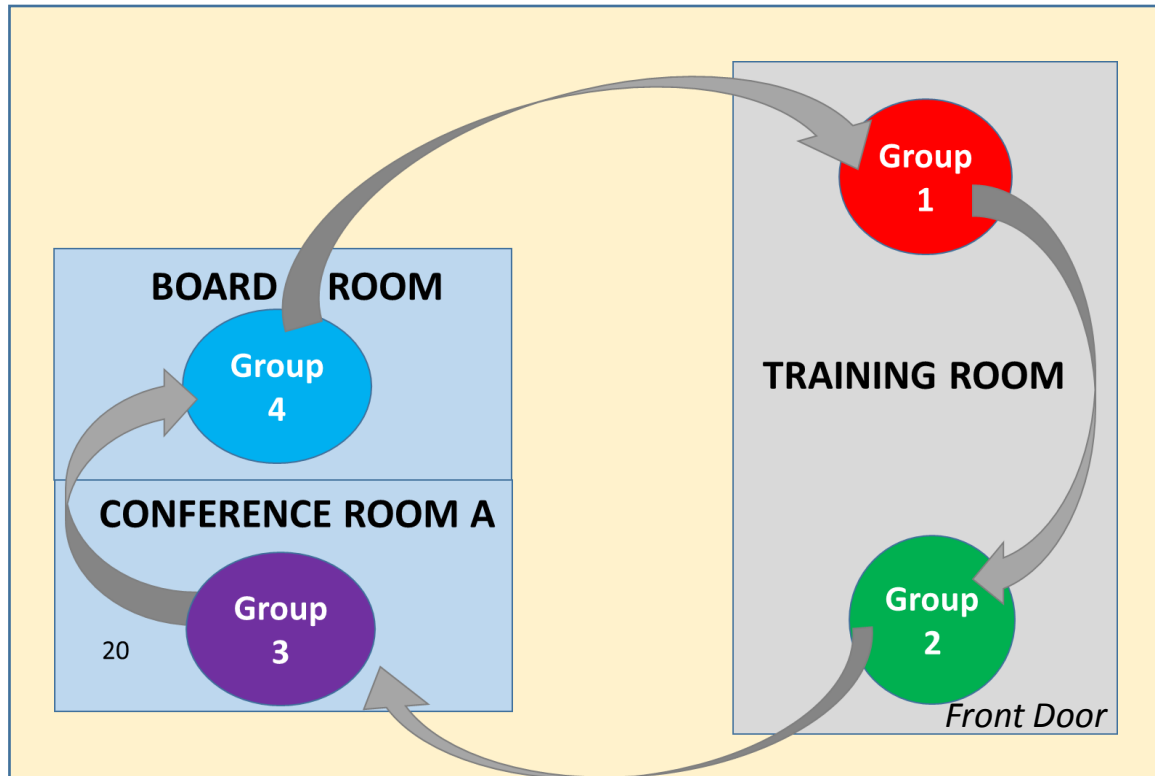
- Funding, Cost-Sharing, and Partnerships
- Sustainability & Climate Change Resiliency
- Training

Stakeholder Workshop #5 - Discussion Group 4				
Row	Master List No.	Draft Policy Ideas	Source(s)	
Funding & Partnerships				
Stakeholder Workshop #5 - Discussion Group 3				
Row	Master List No.	Draft Policy Ideas	Source(s)	
Water Conservation & Graywater				
Stakeholder Workshop #5 - Discussion Group 2				
Row	Master List No.	Draft Policy Ideas	Source(s)	
Improve Collaboration & Streamline Implementation				
1	29	Streamline process for tracking and enforcing dewatering operations.	LASAN, Stakeholder Workshop #5	
Stakeholder Workshop #5 - Discussion Group 1				
Row	Master List No.	Draft Policy Ideas	Source(s)	
Stormwater and Urban Runoff - Preventive Stormwater Quality Improvement Measures				
1	8	Develop an ordinance to require drainage water from swimming pools to be discharged into the sewer (versus storm drain or street).	LASAN	
2	9	Conduct inventory and install street parking signage as needed to allow street sweeping throughout the City.	Project Workshop	
3	10	Conduct inventory and install more trash bins as needed to prevent trash pollution entering City stormdrains and waterbodies.	Project Workshop	
4	11	Develop an ordinance (or rebate program) regulating types of lawn fertilizers to prevent nutrient pollution entering City stormdrains.	Project Workshop	
Promote Integrated Planning & Design				
5	12	Create simplified standard plans for permeable pavement. Work with fire department to approve permeable pavement standards.	LASAN	
6	13	Consider overall impacts of upstream BMP installation on needs for larger downstream BMPs over time.	LASAN, Funding STG	
7	14	Address policy, permit process and current standard plan requirements to remove barriers and simplify process for installing parkway swales and other stormwater BMPs.	Stormwater STG Project Workshop, LASAN	
8	15	Maximize use of City owned property for Stormwater capture retrofits.	Steering Committee	
9	16	Create standardized agreements to ensure maintenance of collaborative Stormwater projects.	Steering Committee, LA Basin Study	
10	17	Make groundwater recharge at publicly owned sites a priority and/or detain water for reuse in irrigation, while maintaining water quality.	Steering Committee (HSR)	
11	18	Evaluate the feasibility of incorporating curb-cuts and tree water wells to public right-of-way tree planting projects.	Various	
12	19	Create simplified standard plans for multiple distributed green infrastructure BMPs in the public right of way.	LASAN	
13	20	Assure that water quality benefits are considered a critical implementation criteria for Green Street Projects.	LASAN	
14	21	Maximize water supply opportunities in EWMP implementation	LA Basin Study	
15	22	Explore a good samaritan clause to provide liability protection for groundwater contamination	Steering Committee (LAUSD), SCMP	
16	23	Develop additional design guidance for on-site infiltration and direct use projects	SCMP	
17	24	Assure Re-Code LA, Mitigation Measures, and Community Plans updates encourage and include Stormwater Capture, Water Conservation and Recycled Water Use.	Stormwater STG (top recomm.), Steering Committee	
18	25	Create a city-wide database to identify collaborative opportunities.	Funding STG, Steering Committee, SWCMP, GRASS	
19	26	Maximize opportunities to incorporate integrated water management strategies (Green Infrastructure) into emerging opportunities including City of LA sidewalk repair program, Measure A and Measure M projects.	Project Workshop, Advisory Group	
20	27	Consider longer planning horizon so that project portfolios can be considered over multiple lifecycles.	Project Workshop	
21	28	Investigate the development of a stormwater capture retrofit ordinance that would require stormwater capture projects to be installed in homes upon resale	SCMP	

Note: The order in this list does not reflect any prioritization.
 STG Top Recommendation
 Highlighted policy ideas that were suggested from more than one source



Room Locations by Group



Rotation Schedule

Discussion 1: 1:30-2:00 PM

Rotation Break (5 mins)

Discussion 2: 2:05-2:35 PM

Rotation Break (5 mins)

Discussion 3: 2:40-3:10 PM

Rotation Break (5 mins)

Discussion 4: 3:10-3:40 PM

Regroup in Training Room



Policy Ideas Discussion/ Exercise (4 x 30 mins)





Next Steps





- **Todays' Policies Workshop**
 - Update Policy Ideas List with stakeholder input
 - Combine & Polish Ideas Language
 - Solicit input on priorities from Stakeholders & City staff
 - Develop List of Recommended Policies
- **Long-Term Alternatives Analysis**
 - Solicit input on Weighting of Final Evaluation Criteria (SurveyMonkey)
- **One Water LA Project Update Meeting (Jan 2017)**
- **Future Stakeholder Meetings (TBD)**



Meeting Close

