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Ala Wai Flood Mitigation Community Outreach Report

October 1, 2019

Ala Wai Elementary



MISC. COM. 600



Climate Change Risk Mitigation
High Impact, Low Probability of Extreme Rain Event

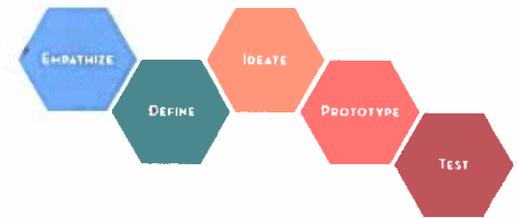
Background

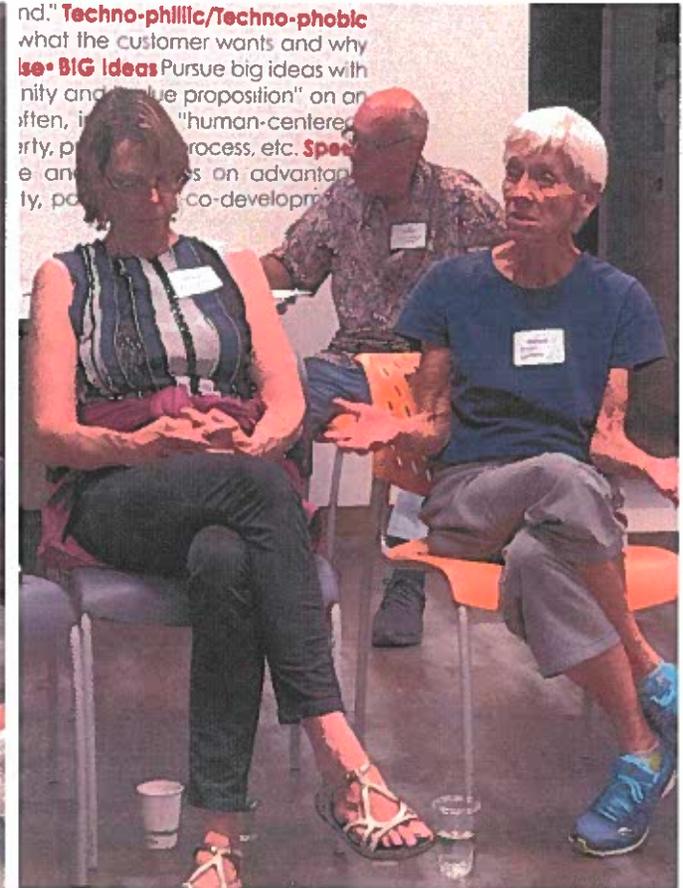
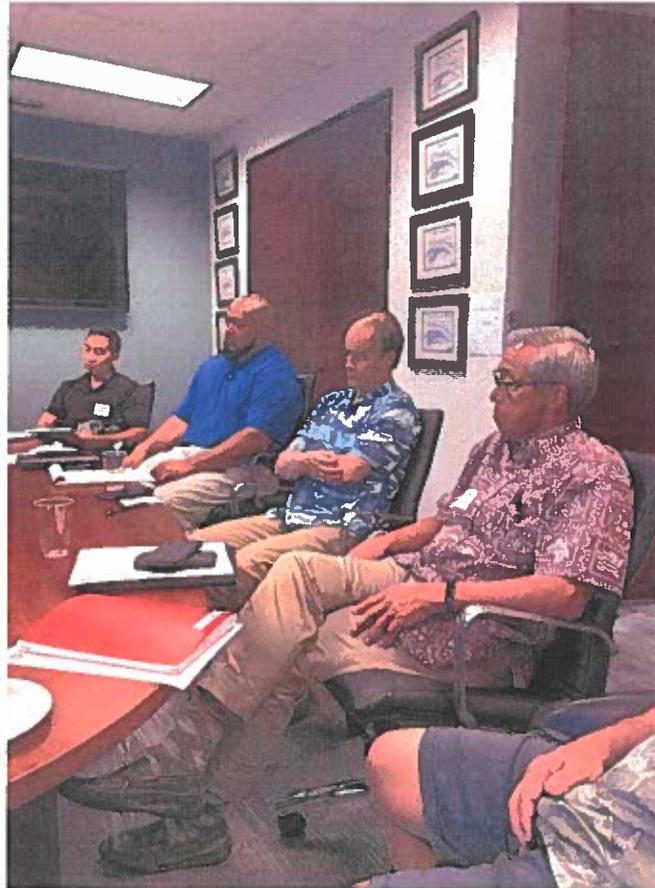
- USACE allocation of \$220M to address this risk
- Oceanit hired by PIG to conduct community outreach and to solicit alternatives
- Within a two-week period, met with about 100 stakeholders
- Captured detailed input from community stakeholders
- Received interesting alternatives that deserve further research and investigation
- Met with the PIG periodically to provide updates



Process

- Met with over 100 people in about 2 weeks
- Used Design Thinking
- Using active listening, identified community input
 - Community concerns
 - Possible alternatives
- Conducted high level conceptual testing of alternatives
- Report results to PIG and the community





nd." **Techno-phillic/Techno-phobic**
what the customer wants and why
Use BIG Ideas Pursue big ideas with
nity and "value proposition" on an
often, in a "human-centered
arty, process, etc. **Spee**
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ty, po... co-developm

Community Outreach Meetings

Community Issues Summary

(what we heard from the community)

- Community is upset - no communication and no transparency
- Plan does not follow NEPA & HEPA (HRS 343)
- Plan does not have community support
- Plan is flawed
- Plan model data is inaccurate or outdated

Summary of Community Suggestions

(what we heard from the community)

Flood Mitigation

Flood Gates/Locks in the Ala Wai

Flood Pumps in the Ala Wai

Underground Detention Basins

Retractable Canal Walls

Create dryland and wetland plots to help dissipate energy and hold floodwaters

Dredge Ala Wai Canal to improve storage capacity

Ongoing Suggestions...

Summary of Added Benefits

(what we also heard from the community)

Ecosystem Restoration

Green Infrastructure

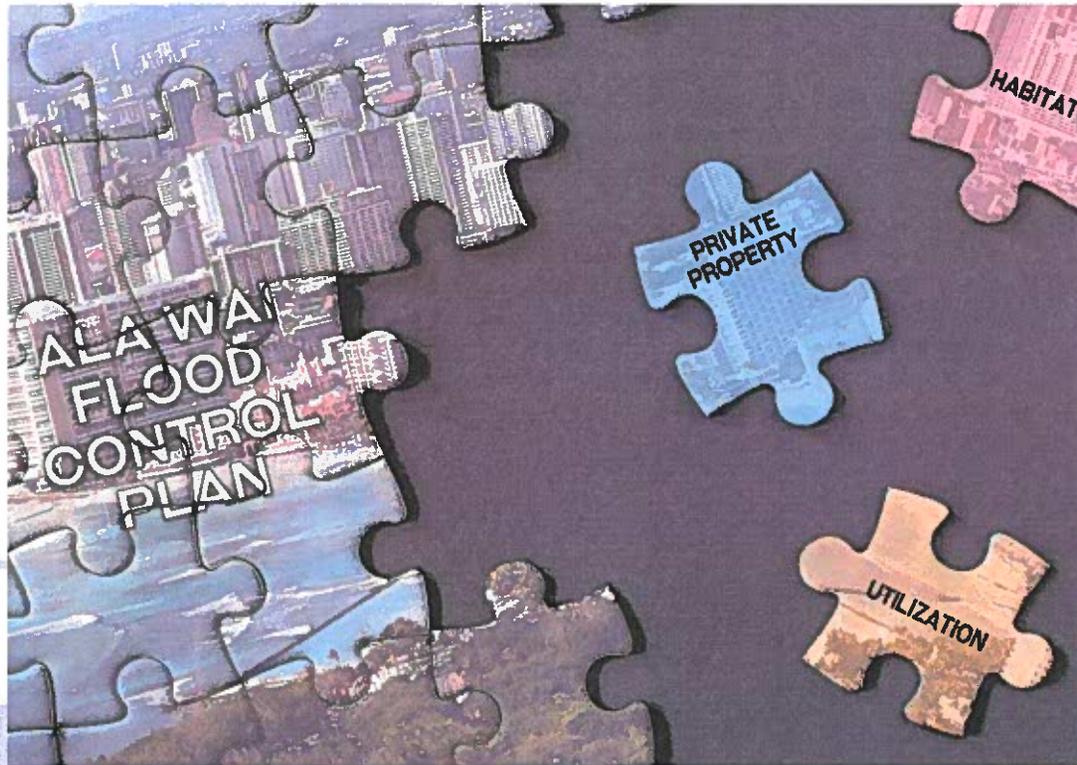
Water Quality Improvement

Stream Maintenance

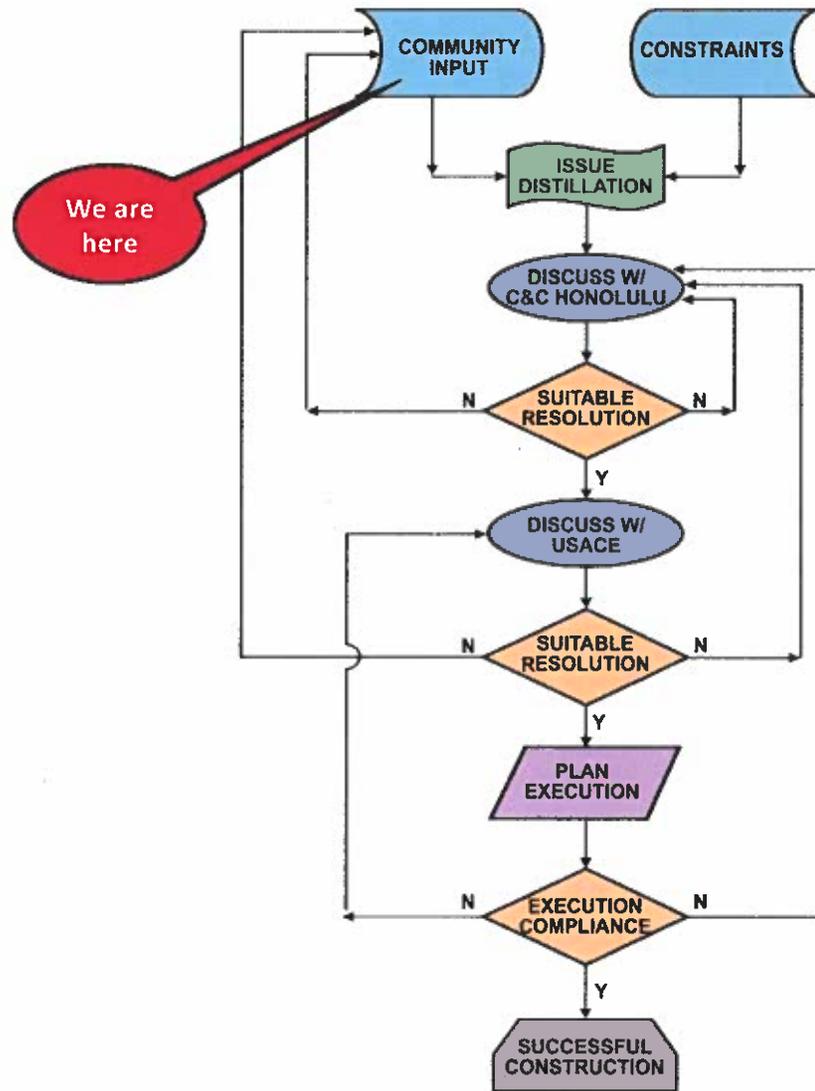
Repurposed Stormwater

Ahupua'a of Waikiki Recovery

Completing the Picture



Next Steps

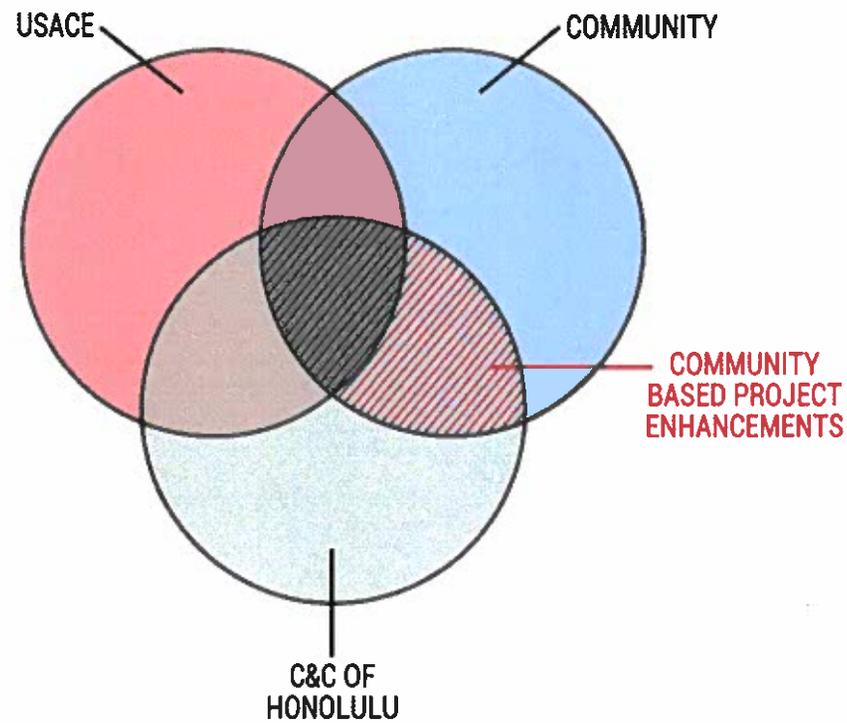


Constituent Sentiment

DISPOSITION	USACE	C&C OF HONOLULU	COMMUNITY
RISK MITIGATION			
HABITAT RESTORATION			
PROPERTY RIGHTS			
MAINTENANCE			
COSTS			
COMPLIANCE			
UTILIZATION			

 HIGH
  MEDIUM
  LOW

Finding Common Ground





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Questions



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