



Homeland Security Forum

Office of Homeland Security

Ft. Ruger
Rm 113, Bldg 306
3949 Diamond Head Rd, Honolulu HI 96816
(and Teams)

21 March 2024



Agenda

- 08:00** *Networking*
- 08:30** **Welcome, Administrative Remarks** (Acting Administrator, Jimmie Collins)
- 08:45** **Hawaii Threat Brief** (Hawaii State Fusion Center)
- 09:15** **Guest Speaker: Cyber Threat Intelligence Brief** (CPT Sean McQuade, Regional Cyber Center-Pacific)

- 10:15** *Break*
- 10:30** **Targeted Violence Prevention Implementation Plan – Close-Out Brief** (RZHQ)
- 10:45** **Cybersecurity: Planning Update Brief** (RZHQ)
- 11:00** **Cybersecurity Program Update Brief** (Acting Administrator, Jimmie Collins)
- 11:30** *Lunch Break*
- 12:30** **Critical Infrastructure**
 - (15 m) - **Planning Update Brief** (RZHQ)
 - (15 m) - **Critical Infrastructure-Common Operating Picture - Data Governance and Workflow Workshop Outcomes** (Esri)
 - (30 m) - **Critical Infrastructure Security & Resilience Workshop v2.0 – Quick Look After Action Brief** (Converge, Michael Wu)
- 1:30** **Working Group/Task Force Briefs:**
 - (15 m) - **FestPAC Safety & Security Working Group** (Acting Administrator, Jimmie Collins)
 - (15 m) - **Wildfire Risk Reduction Task Force** (Acting Administrator, Jimmie Collins)

- 2:00** *Break*
- 2:15** **Training & Exercises - Calendar of Events** (Acting Administrator, Jimmie Collins)
- 2:30** **Clear Path XI Exercise – Quick Look After Action Brief** (Acting Administrator, Jimmie Collins)

- 2:45** *Open Discussion*
- 3:15** **Closing Comments** (Acting Administrator, Jimmie Collins)
- 3:20** *Adjourn*



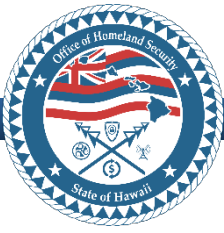
Hawaii Threat Brief (Hawaii State Fusion Center)



Agenda

- Officials and personnel
- Elections process
- Mis-/dis-/malinformation





OFFICIALS AND PERSONNEL

DOJ Elections Threats Task Force

At least 13 cases in 9 states

Victims: Election officials, candidates, poll workers, children, political party HQ

Communications: Online, voicemail, U.S. mail, photographs

Threats: Shooting, bomb, mutilation



OFFICIALS AND PERSONNEL

DOJ Elections

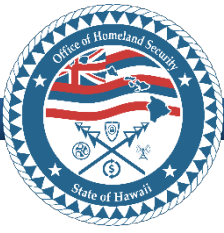
Threats Task Force

Dec 2022 – Jan 2023

Defeated candidate



Candidate	%	Votes
Miguel Garcia (D)	73.6	5,679
Solomon Pena (R)	26.4	2,033



OFFICIALS AND PERSONNEL



CNN.com

- *Defeated in November 2022*
- *First urged commissioners not to certify*
- *December 2022 – January 2023: Conspired with others*
- *3 shootings involved family/children home*
- *1 shooting involved a machine gun*



OFFICIALS AND PERSONNEL

DOJ Elections Threats Task Force

2022 (charged 2024)

Maricopa county
elections Instagram

"You did it! Now you are [expletive]. Dead. You will all be executed for your crimes."

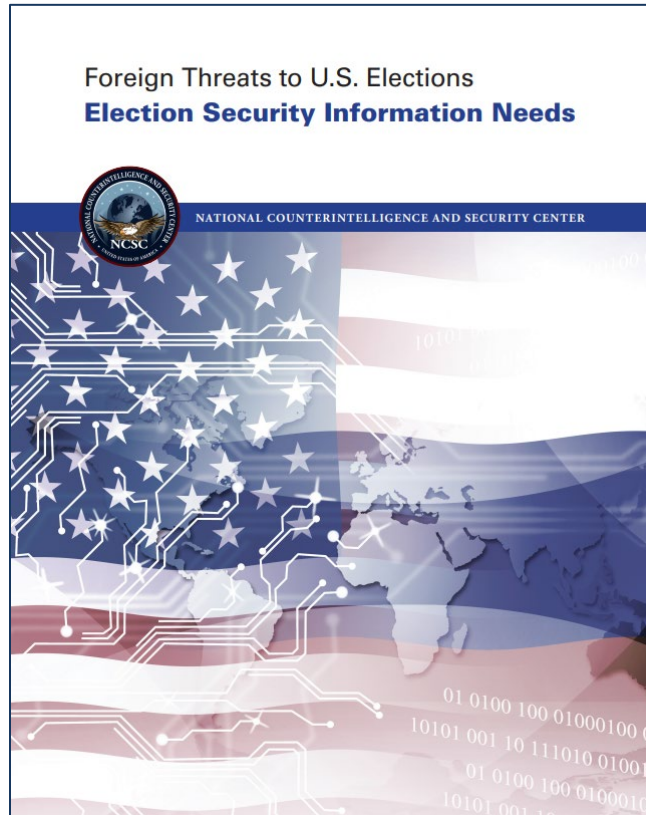
"[Expletive] you! You are caught! They have it all. You [expletive] are dead."

"You are lying, cheating [expletive] stupid if you think your lives are safe."

"You are so dead."



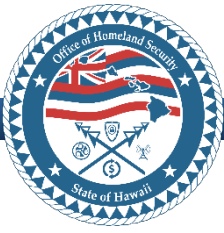
ELECTIONS PROCESS



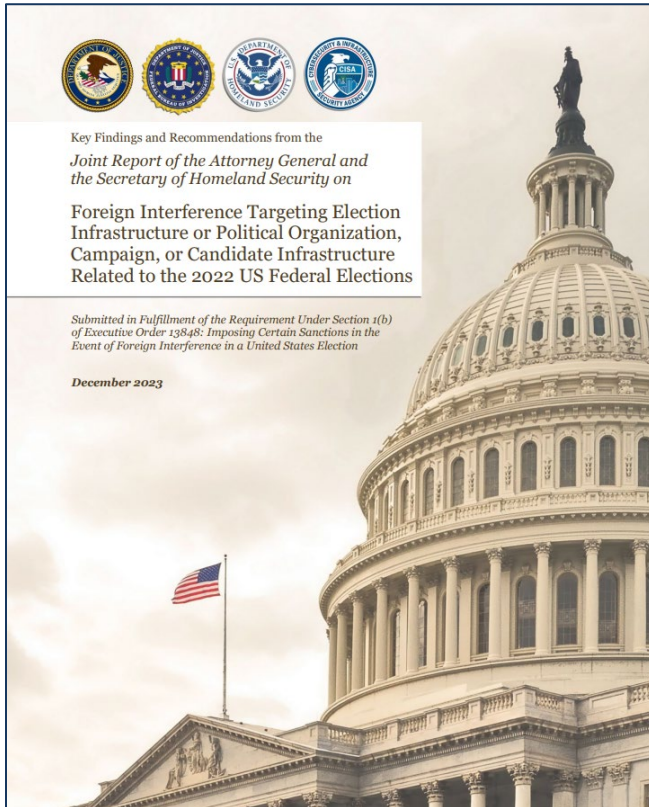
DNI.gov

Election Security Information Needs

- 5 categories of foreign threats (NCSC)
 - Cyber operations → Elections infrastructure
 - Cyber operations → Parties, campaigns, officials
 - Covert influence → Orgs, campaigns, officials
 - Covert influence → Public opinion + division
 - Covert influence → Policymakers + public



ELECTIONS PROCESS



“No evidence that any foreign government affiliated actor materially affected the security or integrity of any election infrastructure in the 2022 federal elections.”

Cyber activity (not compromise)

- Pro-Russian hackers
- Suspected PRC cyber actors



ELECTIONS PROCESS

**Cybersecurity --
More than voting machines**

Mississippi:

- Training election staff
- Process voter registration forms

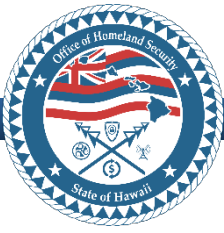


ELECTIONS PROCESS

Cybersecurity and mis-/dis-malinformation intersect

Millard County, UT (2024):

We have you in our records as not registered to vote. Check your registration status and register in 2 minutes at: <https://voteftw.net/more?id=1U0H> Stop = End



MIS-/DIS-/MALINFORMATION

New Hampshire

Department of Justice

Office of the Attorney General

- 21 January 2024: 5,000 – 25,000 calls
- Caller ID = former NH Democratic party chair

“It’s important that you save your vote for the November election.”
“Your vote makes a difference in November, not Tuesday”



MIS-/DIS-/MALINFORMATION





MIS-/DIS-/MALINFORMATION

CYBERSECURITY &
INFRASTRUCTURE
SECURITY AGENCY



Process

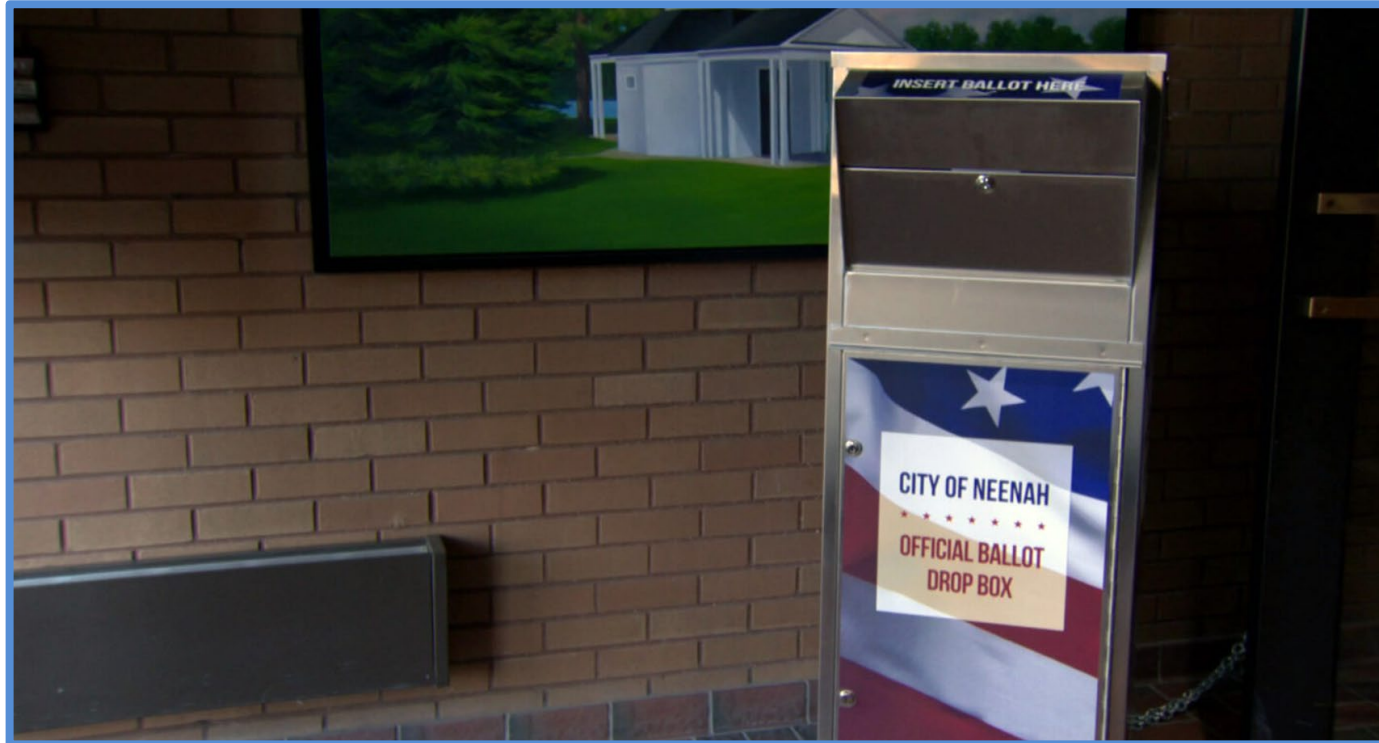
Election Security Rumor vs. Reality

Reality: Safeguards protect the integrity of the mail-in/absentee ballot process, including relating to the use of mail-in/absentee ballot request forms.

Rumor: People can easily violate the integrity of the mail-in/absentee ballot request process to receive and cast unauthorized mail-in/absentee ballots, or prevent authorized voters from voting successfully in person.



MIS-/DIS-/MALINFORMATION





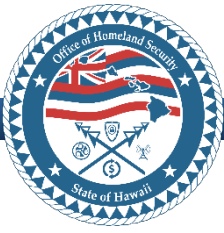
MIS-/DIS-/MALINFORMATION

Other process examples:



CISA.gov

- Dead people voting
- Voter registration data “hacked”
- Poll workers giving out bad writing instruments
- Changes in results mean the process is compromised



SOURCES

- <https://apnews.com/article/mississippi-election-poll-worker-training-cyber-breach-9b8d5d136f371e6ef155b42b5bb9bfd6>
- <https://www.justice.gov/opa/media/1329451/dl?inline>
- <https://www.forbes.com/sites/mattnovak/2023/06/08/desantis-pushes-video-with-fake-ai-photos-showing-trump-hugging-fauci/?sh=62200ea8217c>
- <https://www.cisa.gov/topics/election-security/rumor-vs-reality>
- <https://pbswisconsin.org/news-item/ballot-drop-box-disinformation-and-the-fight-over-voting-in-wisconsin/>
- Carey v. Wisconsin Elections Commission, 624 F.Supp.3d 1020 (D.W.I. 2022)
- <https://www.doj.nh.gov/news/2024/20240206-voter-robocall-update.html>
- https://www.cisa.gov/sites/default/files/publications/PSA_voter_registration_data_508pobs.pdf
- <https://www.justice.gov/opa/pr/man-arrested-making-threats-arizona-election-office>
- <https://www.justice.gov/opa/pr/former-new-mexico-house-representatives-candidate-charged-shooting-spree>
- https://ballotpedia.org/Solomon_Pena
- <https://www.justice.gov/opa/pr/woman-pleads-guilty-threatening-election-official>
- <https://www.cnn.com/2023/05/31/us/solomon-pena-new-mexico-democrat-shootings-indictment/index.html>
- https://www.dni.gov/files/ODNI/documents/DNI_NCSC_Elections_Brochure_Final.pdf
- <https://millardcounty.org/scam-alert/>



CONTACT INFO

The logo of the Hawaii State Fusion Center is circular. It features a central shield with a red and white striped field, a blue field with a white anchor, and a white field with a red and white striped field. The shield is surrounded by a blue border with white stars. The text "HAWAII STATE FUSION CENTER" is written in a circle around the top, and "MA KA 'IKE KA IKAIKA" is written around the bottom.

Hawaii State Fusion Center
Dedicated to Information Sharing and Analysis
To Better Protect Our Communities

Join Us

The HSFC serves multiple sectors in a "whole of community" approach.

[Click here to Register](#)

<https://hsfc.hawaii.gov>

HSFC@hawaii.gov

Guest Speaker: Cyber Threat Intelligence Brief
(CPT Sean McQuade, Regional Cyber Center-
Pacific) – separate slide deck file

Intermission

REFRESHMENTS ARE AVAILABLE

Fill in info

*Presentation will resume at **TIME***

Targeted Violence Prevention Implementation Plan – Close-Out Brief (RZHQ)



Agenda

- Purpose
- Project Background
- Workstream 1: Targeted Violence Prevention (TVP)
- Open Discussion/Questions

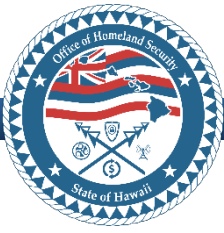




Purpose

Provide an update on OHS
planning efforts related to
Targeted Violence
Prevention, Critical
Infrastructure Security &
Resilience, and Cybersecurity

Project Background



Project Background

The State of Hawai'i Department Defense (DOD), Office of Homeland Security (OHS) is developing:

- A series of **strategies, implementation and response plans and activities supporting exercises** related to **Targeted Violence Prevention, Critical Infrastructure Security and Resilience, and Cybersecurity**

Period of
Performance: 2 years

Project Start Date:
7 June 2023



Project Goals and Objectives

Project Goal

- Develop a series of strategies and response plans and their supporting exercises

Targeted Violence Prevention - Hannah Ritz

- Obj. 1 - Develop Targeted Violence Prevention Strategy Implementation Plan



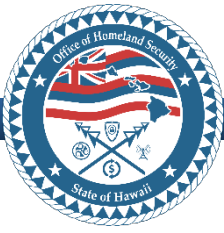
Critical Infrastructure Security and Resilience - Ken Fisher

- Obj. 2 - Develop Critical Infrastructure Security & Resilience Strategy Implementation Plan

Cybersecurity - Nick Matthews

- Obj. 3 - Develop a Statewide Cybersecurity Strategy and Implementation Plan(s)
- Obj. 4 - Develop Subrecipient Cyber Incident Response Plans & Exercises
- Obj. 5 - Develop Statewide Cyber Workforce Development Strategy and County/Entity Level Implementation Plans

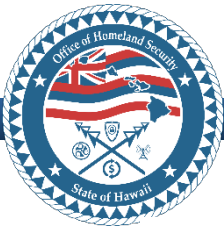
Workstream 1: Targeted Violence Prevention (TVP)



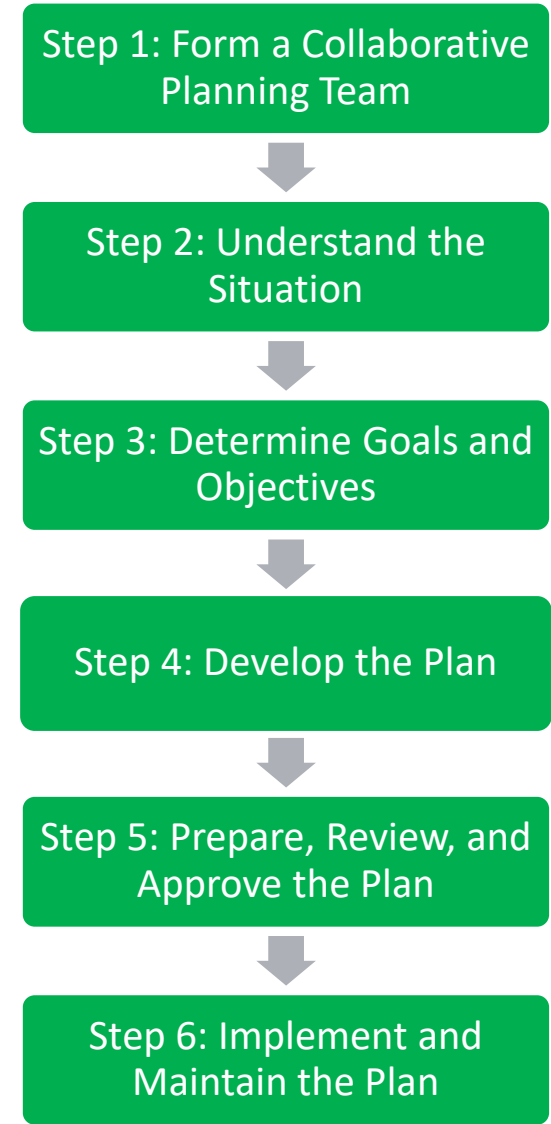
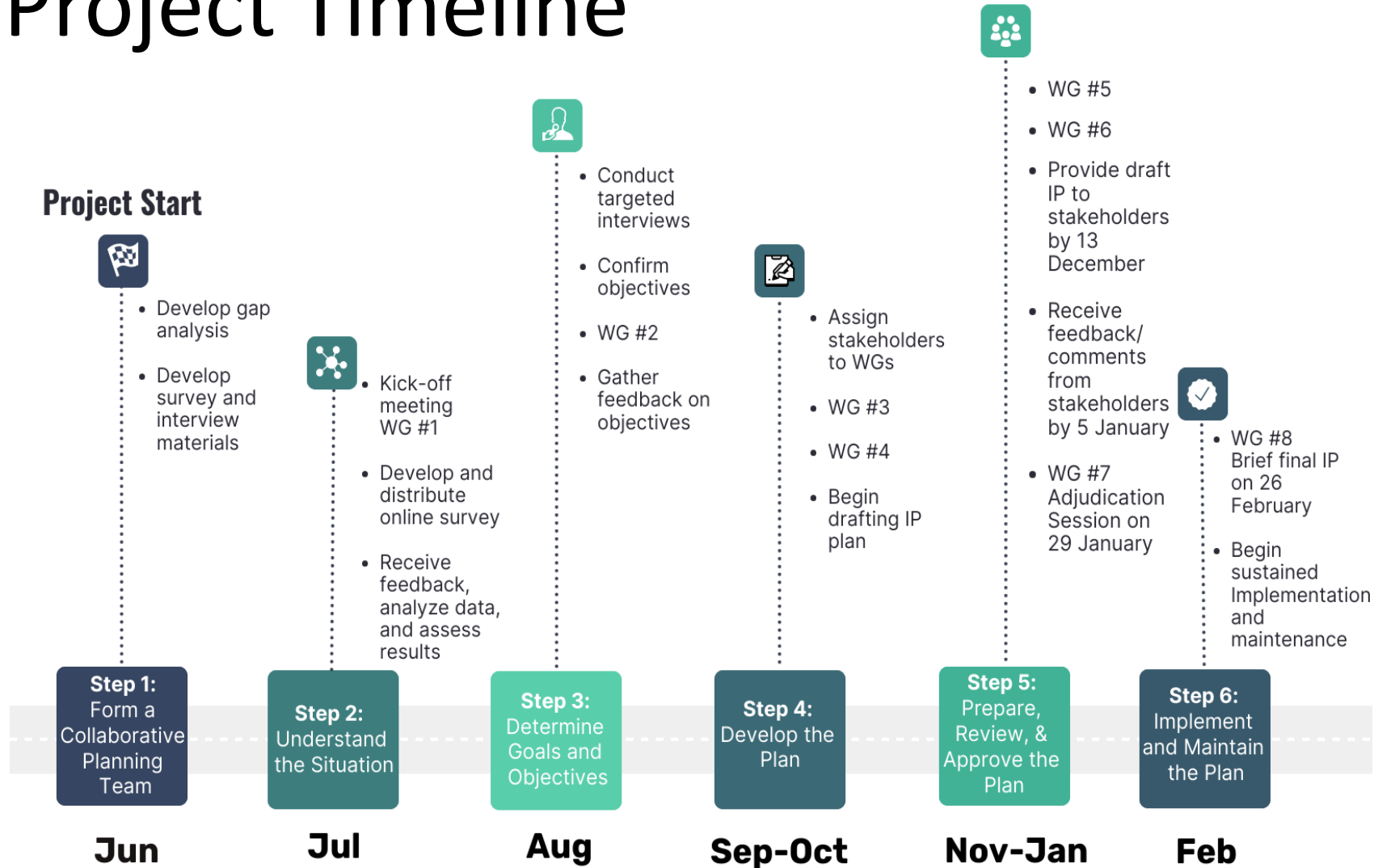
Project Purpose

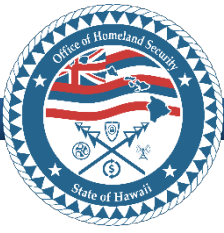
Create a Three (3) Year Targeted Violence Prevention Strategy Implementation Plan (IMP) to include:

- 11 identified goals from the Hawai'i Targeted Violence Prevention Strategy and;
 - Objectives, Tasks, Outputs, Outcomes, Measures of Implementation, and Lead and Stakeholder Implementors for each Goal



Project Timeline





Project Overview

TVP Implementation Strategy Working Group Sessions

00

Kickoff

Conduct OHS
Project
Kickoff
Meeting

01

Outreach

Conduct
Stakeholder
Kickoff
Meeting &
provide project
overview

02

Back Brief Results

Provide results
from
interviews/surveys
to stakeholders

03

Preparation

Complete
information
requirements for
Goals 1-4

04

Prevention

Complete
information
requirements for
Goals 5-9

05

Monitoring

Complete
information
requirements for
Goals 10-11

06

Measurement

Complete
information
requirements for
Goals 1-11

07

Review Draft Plan

Review the draft
TVP Plan and
receive feedback
from stakeholders

08

Review Final Plan

Provide overview
of final TVP Plan &
conduct closeout

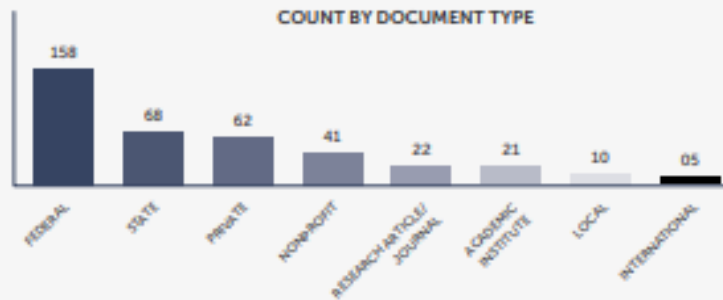


Overview of Previous Activities

GAP ANALYSIS



387 DOCUMENTS REVIEWED



STAKEHOLDER ENGAGEMENT

SURVEYS



6 SURVEYS CONDUCTED

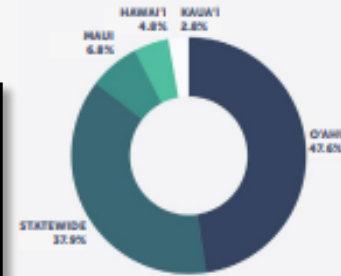


145 SURVEY PARTICIPANTS



PARTICIPATION BY ENTITY TYPE

52% ACADEMIA	1% FAITH-BASED	5% FEDERAL	12% LOCAL
16% STATE	6% PRIVATE	8% NONPROFIT	



60% ACADEMIA	30% STATE	10% PRIVATE
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10 INTERVIEWS CONDUCTED ACROSS SECTORS

WORKING GROUP MEETINGS

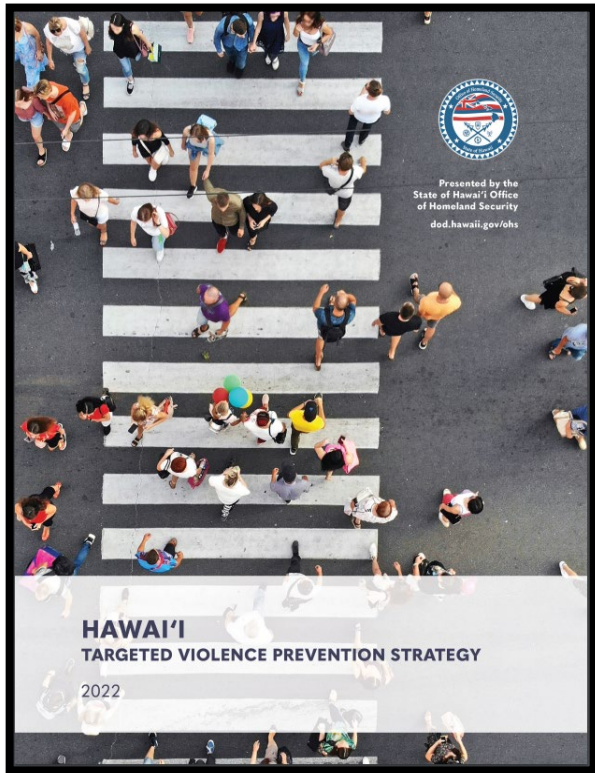
- WORKING GROUP #1: Stakeholder Kickoff Meeting (07/31/2023)
- WORKING GROUP #2: Back Brief of Results (08/23/2023)
- WORKING GROUP #3: Preparation Subcommittee (09/25/2023)
- WORKING GROUP #4: Prevention Subcommittee (10/30/2023)
- WORKING GROUP #5: Monitoring Subcommittee (11/27/2023)
- WORKING GROUP #6: Measurement Subcommittee (12/07/2023)
- WORKING GROUP #7: Adjudication Session (01/29/2024)
- WORKING GROUP #8: Final Brief (02/26/2024)



272 STAKEHOLDERS ENGAGED

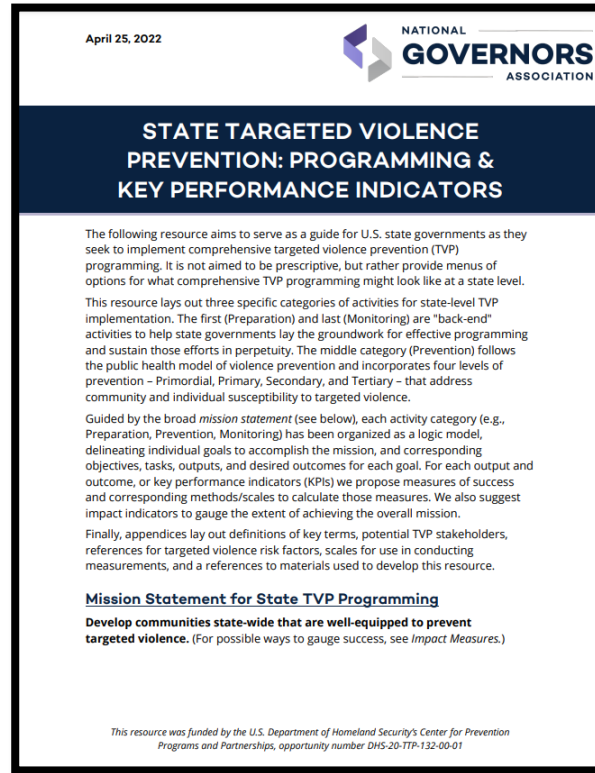


Primary Resources Utilized

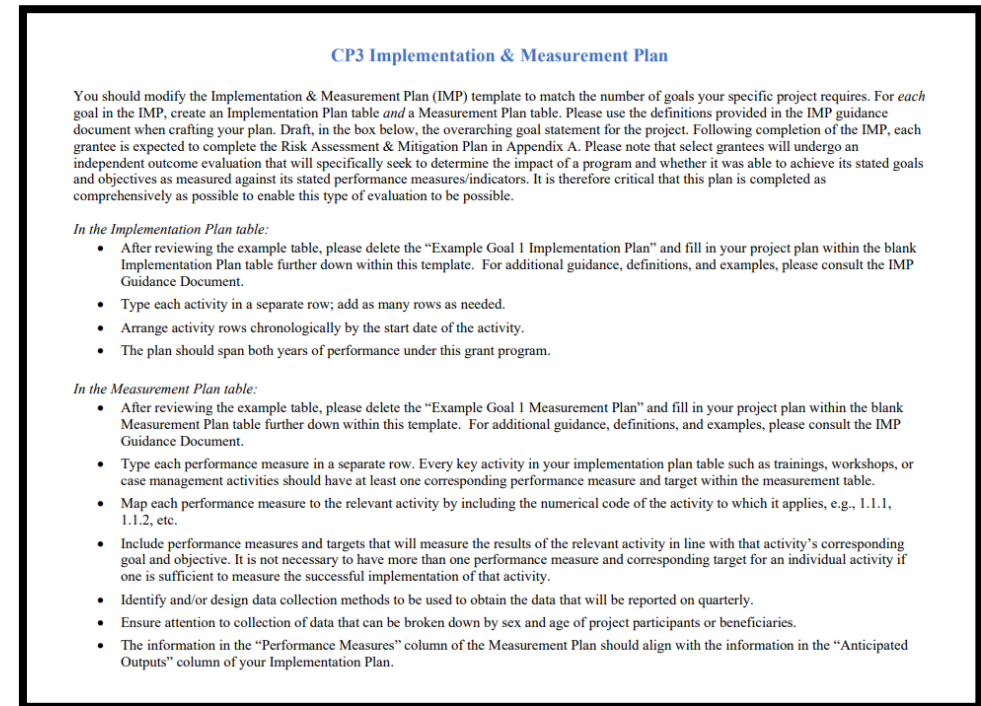


https://law.hawaii.gov/ohs/wp-content/uploads/sites/2/2024/01/2022-HAWAII-TARGETED-VIOLENCE-PREVENTION-STRATEGY_FINAL-1.pdf

4/10/2024



<https://www.nga.org/publications/state-targeted-violence-prevention-programming-key-performance-indicators/>



https://www.dhs.gov/sites/default/files/2023-01/CP3_IMP_Template_508.pdf

Overview of Final TVP Strategy Implementation Plan

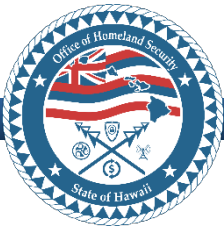
https://law.hawaii.gov/ohs/wp-content/uploads/sites/2/2024/02/OHS_TVP_ImplementationPlan_Final_022324.pdf





Table of Contents

- Executive Summary
- Section 1: Introduction
- Section 2: Planning Process/
Methodology
- Section 3: Targeted Violence Prevention
Strategy Goals
- Appendix A: Implementing Partners and
Identified Potential Collaborators
- Appendix B: Risk Management Plan
- Appendix C: Acronyms
- Appendix D: Glossary
- Appendix E: References
- Appendix F: Acknowledgements
- Appendix G: Plan Maintenance



Section 3: TVP Strategy Goals

Explains the use of the CP3 Implementation and Measurement Plan templates

Clarifies time frames

Contains an Implementation Plan table and a Measurement Plan table for each Goal

Features Outcomes Statements for each Goal (1-11)

This plan covers a duration of three years, and each year is broken down into quarters. Time frames are written as Year (Y) and Quarter (Q); for example, an activity that OHS expects to complete between January and March 2024, falls into the category Year 1 Quarter 1 and is written as Y1-Q1. See Figure 3-3 for clarification on the time frames in this section.

See Figure 3-4 for clarification on the progress symbols used in the Goal 1-11 Implementation Plan tables. The project team worked with stakeholders to identify activities that had just started, or that were almost complete as of the publishing of this plan.

	YEAR ONE	YEAR TWO	YEAR THREE
Q1	JAN-MAR 2024	JAN-MAR 2025	JAN-MAR 2026
Q2	APR-JUN 2024	APR-JUN 2025	APR-JUN 2026
Q3	JULY-SEP 2024	JULY-SEP 2025	JULY-SEP 2026
Q4	OCT-DEC 2024	OCT-DEC 2025	OCT-DEC 2026

Figure 3-3: Time Frame Breakdown



SECTION III: TARGETED VIOLENCE PREVENTION STRATEGY GOALS

OHS identified objectives and activities for each of the 11 goals of the TVP Strategy (see Figure 3-1) and utilized the CP3 Implementation Plan and Measurement Plan templates to complete this section of the Implementation Plan.

The information in the following subsections is organized using the NGA's three phases for State TVP efforts: Preparation (Goals 1-4), Prevention (Goals 5-9), and Monitoring (Goals 10-11) (see Figure 3-2).

STATE OF HAWAII OFFICE OF HOMELAND SECURITY TARGETED VIOLENCE PREVENTION STRATEGY

CLICK HERE TO VIEW PDF

Figure 3-1: Right: Hawai'i OHS TVP Strategy

PHASE 1: PREPARATION

- GOAL 1: Establish a comprehensive statewide TVP Program construct
- GOAL 2: Build a multi-domain, coordinated network to implement the TVP Program

PHASE 2: PREVENTION

- GOAL 5: Reduce and mitigate community and individual factors
- GOAL 6: Educate community on what Targeted Violence is and what are effective TVP approaches
- GOAL 7: Ensure Behavioral Threat Assessment / Management (BTAM) Teams operate effectively throughout the state

PHASE 3: MONITORING

- GOAL 10: Sustain conducive environment for program implementation

Figure 3-2: TVP Efforts by Phase

GOAL ONE: ESTABLISH A COMPREHENSIVE STATEWIDE TVP PROGRAM CONSTRUCT

Goal 1 is part of the Preparation Phase and OHS anticipates it will take place throughout the duration of the plan (until Y3-Q4) (see Figure 3-1-1). Goal 1 consists of five objectives and 10 activities. During the development of this plan, OHS has completed one activity aligned to this Goal. The Leads for Goal 1 are OHS and the TVP Program Manager and they receive support from the Implementing Partners identified in Table 3.1-1. Additionally, OHS will continue to engage identified potential collaborators regarding possible opportunities for their participation in activities to which they are aligned.

GOAL 01

5 TOTAL OBJECTIVES
10 TOTAL ACTIVITIES

PHASE: 1
PREPARATION

Figure 3.1-1: Goal 1 Overview

Table 3.1-1: Goal 1 Implementation Plan

OBJECTIVE 1.1: Implementation is rooted in local needs, risk, challenges, and cultural contexts					
ACTIVITY	INPUTS/ RESOURCES	DATA COLLECTION METHOD(S)	TIME FRAME	ANTICIPATED OUTPUTS	PARTNERS
Activity 1.1.1: Outline the list of specific community and individual risk factors the TVP Program aims to address	Stakeholder meetings Survey(s) Interview(s) Input/briefings from local representatives/ partners	Survey(s) Interview(s) Meeting Minutes	Y1-Q1	Two expert- and diversity-informed lists • One specific to the community risk factors the TVP Program aims to address • One specific to the individual risk factors the TVP Program aims to address	Lead: TVP Program Manager/HSFC Implementing Partners: Hawai'i Governor's Office (GOV), Hawai'i Department of Education (HIDOE)

ACTIVITY 1.1.1 IDENTIFIED POTENTIAL COLLABORATOR(S)

Bank of Hawai'i, Catholic Charities Hawai'i, Domestic Violence Action Center (DVAC), Grand Wailea Resort, Hawai'i Community College, Hawai'i Department of Health (DOH), Hawai'i Department of Human Resources Development (DHHD), Hawai'i Department of Community Services (DHS), Hawai'i Department of the Attorney General (AG), Hawai'i Government Employees Association (HGEA), Hawai'i Tourism Authority, Hawai'i Vet 2 Vet Inc., Ho'ala School, Punahou School, University of Hawai'i (UH) Office of Public Health Studies (ORHS)

(Activities continue on next page)



Appendix B: Risk Management Plan

Displays summary of projected biggest challenges

Includes a risk assessment chart based on stakeholder feedback

Outlines the objective, risk identified

Describes the risk analysis

Includes a risk management plan for each identified risk

APPENDIX B: RISK MANAGEMENT PLAN

At the beginning of the Implementation Plan project, OHS inquired about which objectives stakeholders believed would present the biggest challenges to the State of Hawaii's TVP efforts and why. Stakeholders identified the objectives in Figure B-1.

OBJECTIVES THAT PRESENT THE BIGGEST CHALLENGES

During Working Group (WG) #1, OHS surveyed stakeholders to find out which objectives they felt would present the biggest challenges.

1.1 Implementation is rooted in local needs, risk, challenges, and cultural contexts.

2.1 Secure participation of key federal, State, and local governmental agencies and non-governmental organizations in TVP Program Implementation.

3.1 Ensure political will and community buy-in.

4.3 Equip implementing partners with knowledge relevant to targeted violence and best practices in prevention and intervention for different areas of service provision.

5.1 Support development or adaptation of evidence-based efforts that address individual-level risk factors.

6.3 Increase public willingness and knowledge of how to seek help for individuals at risk.

7.5 Plan for the development of a secure, effective, and diverse referral and case management system.

8.1 Develop clear and effective action plans for how implementing partners and other stakeholders should engage to foster community resilience and prevent cycles of violence in the aftermath of a targeted violence event.

9.4 Prepare communities to receive individuals who previously engaged in targeted violence upon their release.

10.1 Sustain political will.

10.3 Sustain funding.

Figure B-1: Objectives that present the biggest challenges to TVP efforts

feedback stakeholders provided during interviews, surveys.

RISK ANALYSIS	RISK MANAGEMENT PLAN
Stakeholders provide a unique breadth of experience, knowledge, and value to TVP discussions and products, so if their feedback is not accounted for during the development of products, it may lack critical information one may not find elsewhere	Engage stakeholders in the planning process and include them as an integral part of the plan, conduct periodic content review periods to allow stakeholder review/comment, adjudicate review comments and provide feedback to the stakeholder to address concerns
Stakeholders are not fully aware of current efforts, do not have the time to participate, and/or do not understand how efforts relate to their organization	Increase visibility on targeted violence prevention activities through awareness campaigns. Strengthen stakeholder relationships and encourage collaboration among stakeholders where possible to bolster community efforts
Politicians/local leaders have different concerns/issues they identify as a priority to address while in office/a position of authority	Keep politicians/local leaders informed of efforts
Even if the deliverables are exactly what are required in the project plan, they may not provide value if the intended audience does not utilize them	Monitor Flesch-Kincaid readability scores/levels and utilize graphics/flow charts/checklists/bullet points as much as possible
Events could be planned without sufficient marketing	Work with organizers to market events through multiple channels
Without access to mental health resources people may be unwilling to send referrals	Work with DOH and healthcare providers to streamline procedures to expedite referral process for emergency situations
Unclear project scope for a referral and case management system might result in changes or re-work to certain deliverables, thus potentially delaying the project timeline for the completion of that system	Continually monitor and review the scope of activities to ensure a common understanding of requirements. Also conduct progress reviews to gather ongoing feedback from stakeholders



Appendix C: Acronyms & Appendix D: Glossary

App. C displays all the acronyms OHS used throughout the Plan

App. D defines terms OHS used throughout the Plan

Both are in the context of targeted violence prevention

APPENDIX C: ACRONYMS

Table C-1 displays acronyms OHS used throughout this document.

Table C-1: Acronyms

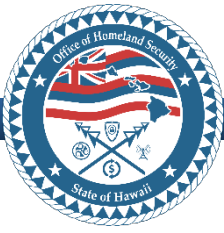
ACRONYMS	
AG	Hawai'i Department of the Attorney General
ATAP	Association of Threat Assessment Professionals
BHA	Hawai'i Department of Health Behavioral Health Services Administration
BIT	Behavioral Intervention Training
BTAM	Behavioral Threat Assessment/Management
BOP	Federal Bureau of Prisons
CBO	Community-Based Organization
CDC	Centers for Disease Control and Prevention
CISA	Cybersecurity and Infrastructure Security Agency
CMS	Content Management System
CNHA	Council for Native Hawaiian Advancement
CP3	United States Department of Homeland Security Center for Prevention Programs and Partnerships
CPT	Core Planning Team
CPTED	Crime Prevention Through Environmental Design
CRM	Customer Relationship Management
CSTAG	Comprehensive School Threat Assessment Guidelines
CSTPV	Center for the Study of Terrorism and Political Violence
CVCC	Crime Victim Compensation Commission
CVE	Countering Violent Extremism
DCR	Hawai'i Department of Corrections and Rehabilitation
DEM	City & County of Honolulu Department of Emergency Management
DHRD	Hawai'i Department of Human Resources Development
DHS	Hawai'i Department of Human Services
DLE	Hawai'i Department of Law Enforcement
DLNR	Hawai'i Department of Land and Natural Resources
DOH	Hawai'i Department of Health
DPAD	Deflection and Pre-Arrest Diversion
DTA	Digital Threat Assessment
DVAC	Domestic Violence Action Center
ETSP	Hawai'i Office of Enterprise Technology Services
FBI	Federal Bureau of Investigation

C-1

Extremist	Individuals who encourage, condone, justify, or support the commission of a violent act to achieve political, ideological, religious, social, or economic goals. ¹⁴
Fixation	Any behavior that indicates an increasingly pathological preoccupation with a person or a cause. ¹⁵

D-1

¹⁴ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
¹⁵ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
¹⁶ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
¹⁷ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
¹⁸ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
¹⁹ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²⁰ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²¹ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²² [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²³ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²⁴ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)
²⁵ [https://www.fbi.gov/newsroom/press-releases/2018/04/20180414-fbi-releases-threat-assessment-guidelines](#)



Appendix E: References

Includes sources for references OHS used throughout the Plan

Contains a more detailed overview of the Gap Analysis process

Displays the references arranged by Goal, Subjective Value, Primary Content Area, and Document Type

APPENDIX E: REFERENCES

American Civil Liberties Union. (n.d.). *Don't Be a Puppet: Pull Back the Curtain on Violent Extremism*. <https://www.aclu.org/wp-content/uploads/legal-documents/Don-t-Be-a-Puppet-Pull-Back-the-Curtain-on-Violent-Extremism.pdf>

American Psychological Association Dictionary. (2018). *Validity*. <https://dictionary.apa.org/validity>

Association of Threat Assessment Professionals. (n.d.). *Certified Threat Manager Program Overview*. <https://www.atapworldwide.org/page/certificationexam#>

Australian Institute of Family Studies. (2023). *What is community development?* <https://aifs.gov.au/resources/resource-sheets/what-community-development#>

Australian Institute of Family Studies. (2021). *What is theory of change?* <https://aifs.gov.au/resources/practice-guides/what-theory-change#>

Borum, R., Fein, R., Vossekuil, B., & Berglund, J. (1999). *Threat assessment: Defining an approach to assessing risk for targeted violence*. *Behavioral Sciences and the Law*, 17, 323-337. https://digitalcommons.usf.edu/cgi/viewcontent.cgi?article=1145&context=mhip_facpub

Bulling, D., and Scalora, M. (2013). *Threat assessment glossary*. *Publications of the University of Nebraska Public Policy Center*, 123. <https://pvtv.unl.edu/wp-content/uploads/2019/06/Threat-Assessment-Glossary.pdf>

Calhoun, F., and Weston, S. (2013). *Concepts and Case Studies in Threat Management*. London: Routledge.

Calhoun, F., and Weston, S. (2003). *Contemporary Threat Management: A Practical Guide for Identifying, Assessing, and Managing Individuals of Violent Intent*. San Diego: Specialized Training Services.

Centers for Disease Control and Prevention. (n.d.). *The Public Health Approach to Violence Prevention*. https://www.cdc.gov/violenceprevention/pdf/ph_app_violence-a.pdf

Centers for Disease Control and Prevention. (n.d.). *Violence Prevention – Public Health Approach*. <https://www.cdc.gov/violenceprevention/about/publichealthapproach.html>

Clarkville-Montgomery County School System. (n.d.). *Threat Assessment*. <https://www.cmcss.net/wp-content/uploads/2021/02/threat-assessment.pdf>

Community Coalition on Gender-Based Violence. (n.d.). *Active Bystander*. <https://www.cmcv.org/coalition/prevention/bystander/>

Deb, R. (1971). *Aftercare organisation*. *Journal of the Indian Law Institute* 13(4), 517-546. <https://www.jstor.org/stable/43950295>

Department of Homeland Security. (n.d.). *Pathway to Violence: Warning Signs and What You Can Do*. <https://www.dhs.gov/sites/default/files/publications/dhs-pathway-to-violence-09-15-16-508.pdf>

Department of Homeland Security. (2021). *Threat Assessment and Management Teams*. https://www.dhs.gov/sites/default/files/2021-12/Threat%20Assessment%20and%20Management%20Teams_0.pdf

Department of Homeland Security. (2022, February 11). *Implementation & Measurement Plan – Guidance*. https://www.dhs.gov/sites/default/files/2023-01/CP3_IMP_Guidance_508.pdf

E-1

Between June 2023 and December 2023. During this time, the development of this plan. The types of documents in this TVP Strategies, TVP Strategy Implementation Plans, and TVP other states had published a State TVP Strategy, none had a and 10 states had TVP-related WGs (see Figure E-1).



The project team assessed documents aligned to the 11 goals in the TVP Strategy. The documents had 60% aligned to the Prevention Phase, 25% to the Preparation Phase, and 15% to the Monitoring Phase (see Figure E-2).

The project team then assigned a High, Medium, or Low priority to the relevance of each document for the TVP effort (see Figure E-3).

The project team also categorized the primary content area and the document type (see Figure E-4 and Figure E-5).

Work: From Bottom

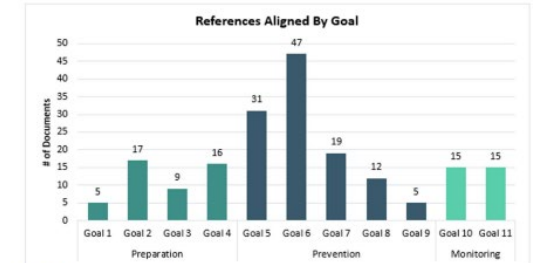


Figure E-2: References Aligned by Goal

E-5



Appendix F: Acknowledgements



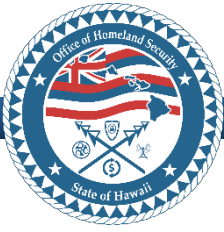
APPENDIX F: ACKNOWLEDGEMENTS

We extend our gratitude to the dedicated members of the working group whose commitment and collaborative spirit were instrumental in the development of this plan. Their diverse expertise, tireless efforts, and invaluable assistance have contributed to the success of this endeavor. We would like to express our appreciation to each member for their perspectives and thoughtful insights that shaped the plan into a comprehensive and well-rounded document. For a list of stakeholders who have made contributions to the development of this plan, please refer to the logos and names provided below.

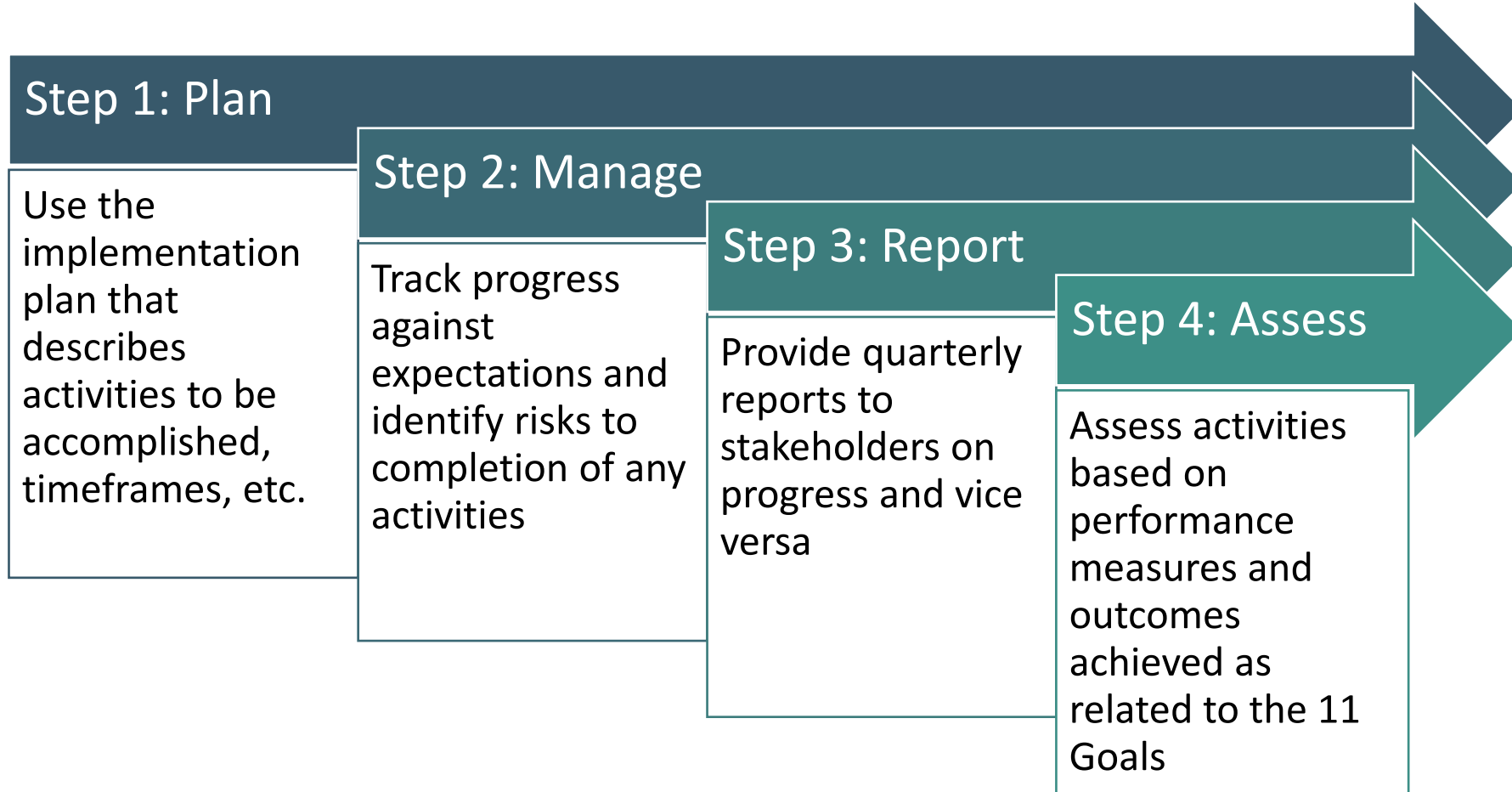
F-1

Anaina Hou Community Park	Kamehameha Schools
Bank of Hawai'i	Kapolei Middle School
Brigham Young University	Kauai Police Department
City and County of Honolulu Department of Emergency	Maui Emergency Management Agency
	Maui Police Department
	Maui Police Department
	Mental Health America of Hawai'i
	Moonshot
	One Waterfront Towers
	PaxBello
	Prevent Suicide Hawai'i Taskforce
	Prison Fellowship-Hawai'i
	Punahou School
	Readiness and Emergency Management for Schools Technical Assistance Center
	The Parent Line
	The Queen's Medical Center
	United States Army
	United States Army Garrison Hawai'i Army Community Service
	United States Army Pacific
	United States Department of Defense Army Integrated Prevention Advisory Group
	United States Department of Homeland Security Homeland Security Investigations
	United States Department of Homeland Security National Threat Evaluation and Reporting Program Office
	United States Department of Justice/US Attorney's Office, District of Hawai'i
	United States Indo-Pacific Command
	United States Marine Corps
	United States Secret Service Honolulu Field Office
	United States Secret Service National Threat Assessment Center
	University of Hawai'i System
	Veterans Affairs
	Windward Community College
	YMCA Honolulu

Next Steps Overview



Plan, Manage, Report, Assess





Open Discussion/Questions



Primary Point of Contact

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Project Leads

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Cybersecurity: Planning Update Brief (RZHQ)

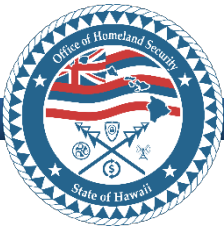


Agenda

- Project Background
- Workstream 3: Cybersecurity
- Open Discussion/Questions



Project Background



Project Goals and Objectives

Project Goal

- Develop a series of strategies and response plans and their supporting exercises

Targeted Violence Prevention - Hannah Ritz

- Obj. 1 - Develop Targeted Violence Prevention Strategy Implementation Plan



Critical Infrastructure Security and Resilience - Ken Fisher

- Obj. 2 - Develop Critical Infrastructure Security & Resilience Strategy Implementation Plan



Cybersecurity - Nick Matthews

- Obj. 3 - Develop a Statewide Cybersecurity Strategy and Implementation Plan(s)
- Obj. 4 - Develop Subrecipient Cyber Incident Response Plans & Exercises
- Obj. 5 - Develop Statewide Cyber Workforce Development Strategy and County/Entity Level Implementation Plans



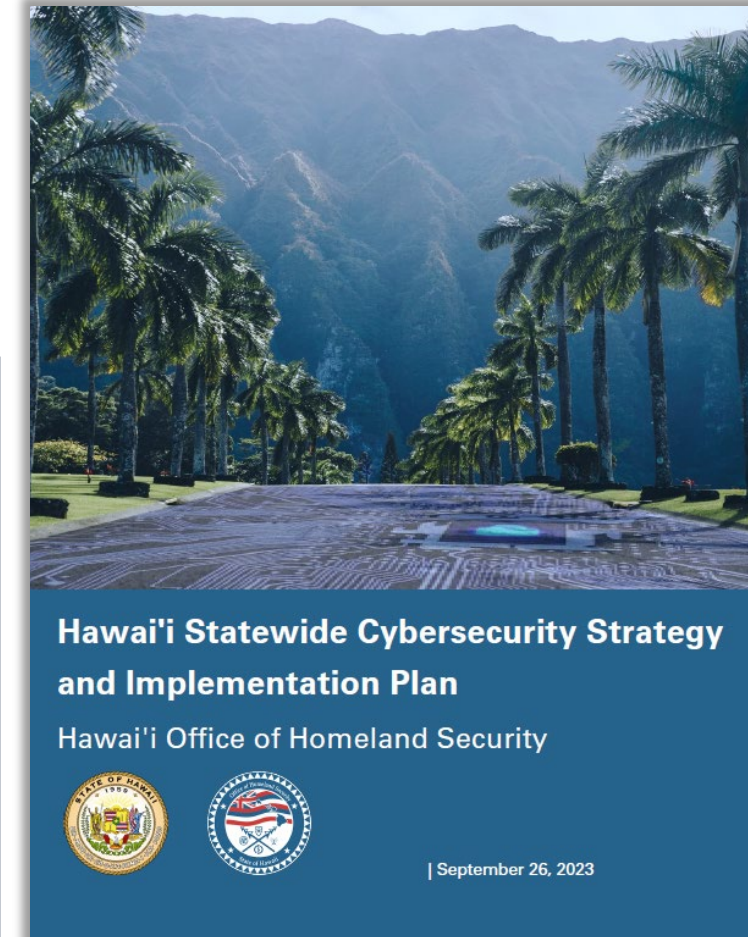
Planning Updates



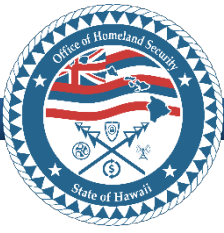
Obj. 3 Project Scope

Develop Statewide Cybersecurity Strategy and Implementation Plan:

- Aligned with DHS guidance for the State and Local Cybersecurity Grant Program (SLCGP)
- Articulated multi-year vision for building and strengthening cybersecurity capabilities across the state
- Proposed 16 cybersecurity projects for potential future SLCGP funding
- Submitted prior to 29 September deadline; approved by DHS in October



Link: <https://law.hawaii.gov/ohs/wp-content/uploads/sites/2/2024/01/Hawai-i-Statewide-Cyber-Strategy-Plan-Final-1.pdf>



Obj. 3 Project Timeline

Overall Project Timeline	Jun 23	Jul	Aug	Sept	Oct	Nov	Dec	Jan 24	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan 25	Feb	Mar	Apr	May	Jun	
Objective 3	Statewide Cybersecurity Strategy and Implementation Plan																									
1. FORMING A COLLABORATIVE PLANNING TEAM																										
2. UNDERSTANDING THE SITUATION																										
3. DETERMINING GOALS AND OBJECTIVES																										
4. PLAN DEVELOPMENT SUPPORT																										
5. PREPPING, REVIEWING, & APPROVING THE PLAN																										
6. IMPLEMENTING & MAINTAINING THE PLAN																										

4/10/2

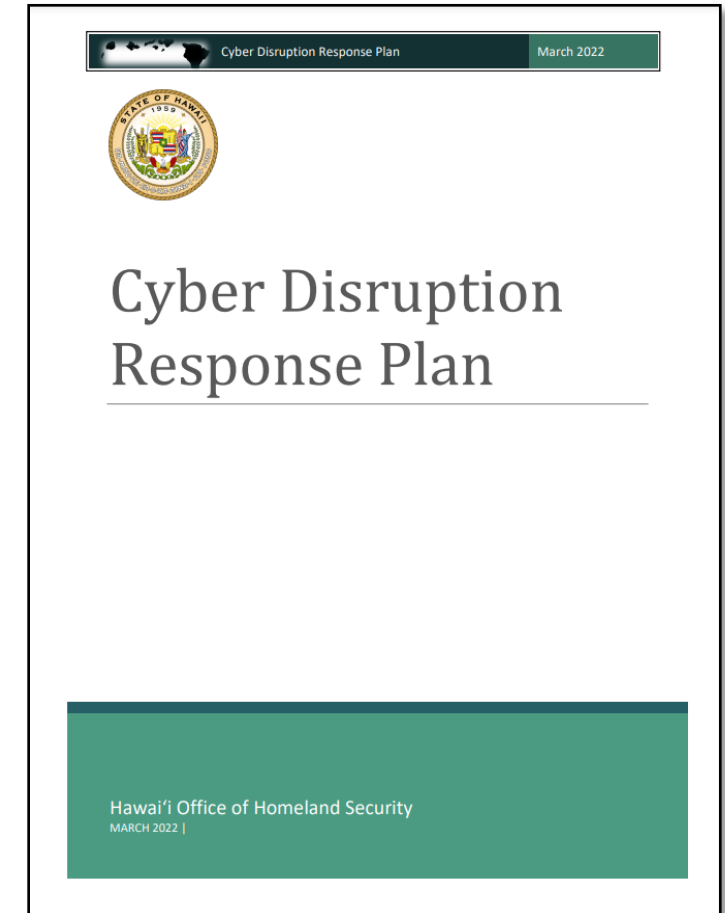
■ = Activity ■ = Priority ★ = Event or Deadline



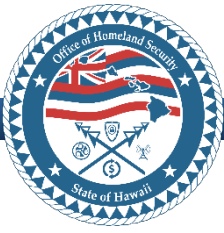
Obj. 4 Project Scope

Develop Subrecipient Cyber Incident Response Plans:

- Subrecipient Cyber Incident Response Plans:
 - Synchronize to the State Cyber Disruption Response Plan and model after the Office of Enterprise Technology Services Cyber Incident Response Plan
 - Develop and implement field county/entity Cyber Incident Response Plan Exercises



Link: https://law.hawaii.gov/ohs/wp-content/uploads/sites/2/2024/01/2022-03-02-FINAL-Cyber-Disruption-Response-Plan_SIGNED-w-atchs-1.pdf



Obj. 5 Project Scope

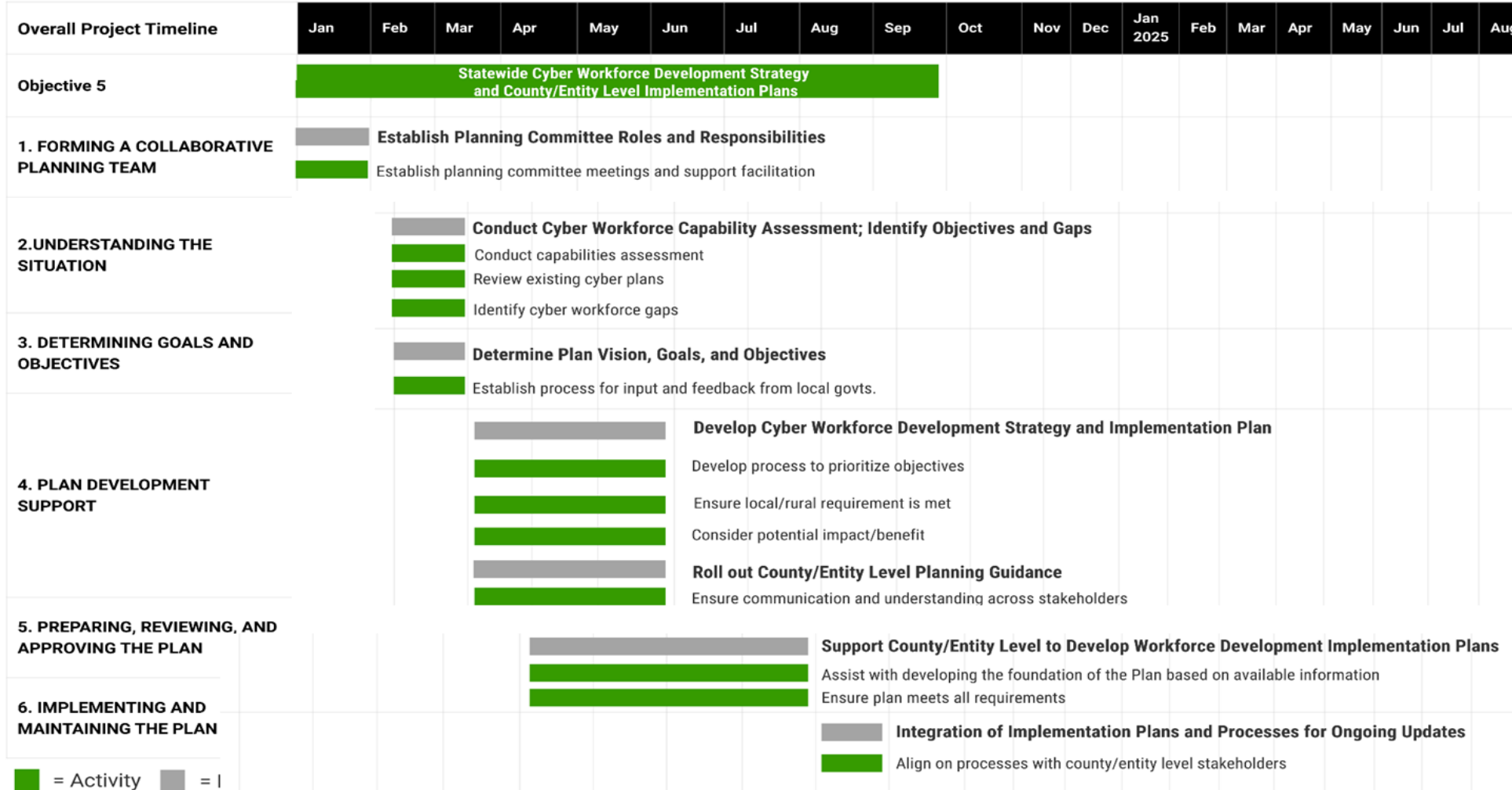
Develop Statewide Cyber Workforce Development Strategy and County/Entity Level Implementation Plans:

- Establish continuous testing, evaluation, and structured assessments approach
- Define data gathering schema and metrics
- Establish strategic relationships with ongoing Hawaii workforce efforts

	Collect and Operate Provides specialized denial and deception operations and collection of cybersecurity information that may be used to develop intelligence.	Specialty Areas
	Investigate Investigates cybersecurity events or crimes related to information technology (IT) systems, networks, and digital evidence.	Specialty Areas
	Operate and Maintain Provides the support, administration, and maintenance necessary to ensure effective and efficient information technology (IT) system performance and security.	Specialty Areas
	Oversee and Govern Provides leadership, management, direction, or development and advocacy so the organization may effectively conduct cybersecurity work.	Specialty Areas
	Protect and Defend Identifies, analyzes, and mitigates threats to internal information technology (IT) systems and/or networks.	Specialty Areas
	Securely Provision Conceptualizes, designs, procures, and/or builds secure information technology (IT) systems, with responsibility for aspects of system and/or network development.	Specialty Areas



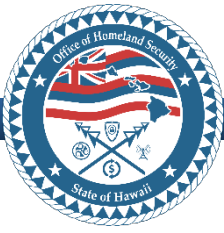
Obj. 5 Project Timeline





Call to Action

1. Support Objective 4 and 5 efforts by joining the Cybersecurity Working Group:
 - Nick Matthews, nick.matthews.consultant@hawaii.gov
2. Provide input on cyber workforce development efforts and recommended stakeholders
3. Participate in surveys as requested
4. Provide info. on upcoming cybersecurity events



Open Discussion/Questions



Primary Point of Contact

Jimmie Collins, Hawai'i State Office of Homeland Security

jimmie.l.collins@Hawaii.gov



Project Manager

Jon Shear, ReadyZoneHQ

jon.shear.consultant@hawaii.gov



Project Leads

Nick Matthews, Cyber Lead

nick.matthews.consultant@hawaii.gov

Cybersecurity Program Update Brief (Acting Administrator, Jimmie Collins)



Agenda

- Project Background
- Workstream 3: Cybersecurity
- Open Discussion/Questions





Current Program Priorities

4.5 Cyber Security Program	66%	4/1/20	7/25/26
4.5.6.1 Develop CIRPs	32%	1/2/24	9/30/24
1 Form a Collaborative Planning Team	100%	1/2/24	1/31/24
2 Understand the Situation	70%	2/12/24	4/30/24
3 Determine Goals & Objectives	20%	3/25/24	4/19/24
4 Plan Development	0%	4/29/24	7/12/24
5 Plan Preparation, Review, and Approval	0%	7/9/24	8/9/24
6 Plan Implementation and Maintenance/Exercise Fielding	0%	6/10/24	9/30/24
4.5.6.2 Develop Statewide Cyber Workforce Development Strategy and County/Entity-Level Implementation Plans	32%	1/2/24	9/6/24
1 Form a Collaborative Planning Team	100%	1/2/24	1/31/24
2 Understand the Situation	70%	2/1/24	4/30/24
3 Determine Goals & Objectives	20%	3/25/24	4/30/24
4 Plan Development	0%	4/29/24	6/7/24
5 Plan Preparation, Review, and Approval	0%	6/10/24	8/23/24
6 Plan Implementation and Maintenance	0%	8/12/24	9/6/24



Overall Program Initial Priorities

	FY 2022	%	FY 2023*	%	FY 2024*	%	FY 2025*	%	FY 2022-2026
Federal Allocation	\$2,243,539.00	100	\$4,483,000.00	80	\$3,362,000.00	70	\$1,121,000.00	60	\$11,209,539.00
** State Match	Waived		\$1,120,750.00	20	\$1,440,857.14	30	\$747,333.33	40	\$3,308,940.47
Total Available	\$2,243,539.00	100	\$5,603,750.00	100	\$4,802,857.14	100	\$1,868,333.33	100	\$14,518,479.47
Grant Administration	\$112,176.95	5	\$280,187.50	5	\$240,142.86	5	\$93,416.67	5	\$725,923.97
Objective 1: Governance and Planning									
<i>Statewide Cybersecurity Plan</i>	\$450,000.00						\$250,000.00		\$700,000.00
<i>Cyber Incident Response Plans</i>	\$100,000.00		\$50,000.00		\$50,000.00		\$50,000.00		\$250,000.00
<i>Cyber Incident Response Exercises</i>	\$91,249.05		\$50,000.00		\$50,000.00		\$50,000.00		\$241,249.05
Objective 2: Assessment and Evaluation									
<i>County/Entity Assessment/Evaluation</i>	\$213,750.00		\$25,000.00		\$25,000.00		\$25,000.00		\$288,750.00
Objective 3: Mitigation									
<i>Notional task until Obj 1, Investment 1 & Obj 2 met</i>	\$848,863.00		\$5,198,562.50		\$4,437,714.28		\$1,149,916.66		\$11,635,056.45
Objective 4: Workforce Development									
<i>Workforce Development Strategy/Implementation Plans</i>	\$427,500.00						\$250,000.00		\$677,500.00

Allocations are notional, pending outcomes of two upcoming SLCGP Subcommittee meetings.
(30 Apr 24, 5 Jun 24)

Critical Infrastructure

- Planning Update Brief (RZHQ)

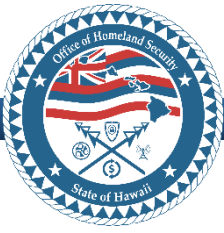


Agenda

- Project Background
- Workstream 2: Critical Infrastructure (CI) Security and Resilience
- Open Discussion/Questions



Project Background



Project Goals and Objectives

Project Goal

- Develop a series of strategies and response plans and their supporting exercises

Targeted Violence Prevention - Hannah Ritz

- Obj. 1 - Develop Targeted Violence Prevention Strategy Implementation Plan



Critical Infrastructure Security and Resilience - Ken Fisher

- Obj. 2 - Develop Critical Infrastructure Security & Resilience Strategy Implementation Plan

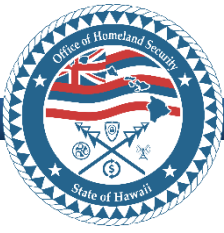


Cybersecurity - Nick Matthews

- Obj. 3 - Develop a Statewide Cybersecurity Strategy and Implementation Plan(s)
- Obj. 4 - Develop Subrecipient Cyber Incident Response Plans & Exercises
- Obj. 5 - Develop Statewide Cyber Workforce Development Strategy and County/Entity Level Implementation Plans



Planning Updates



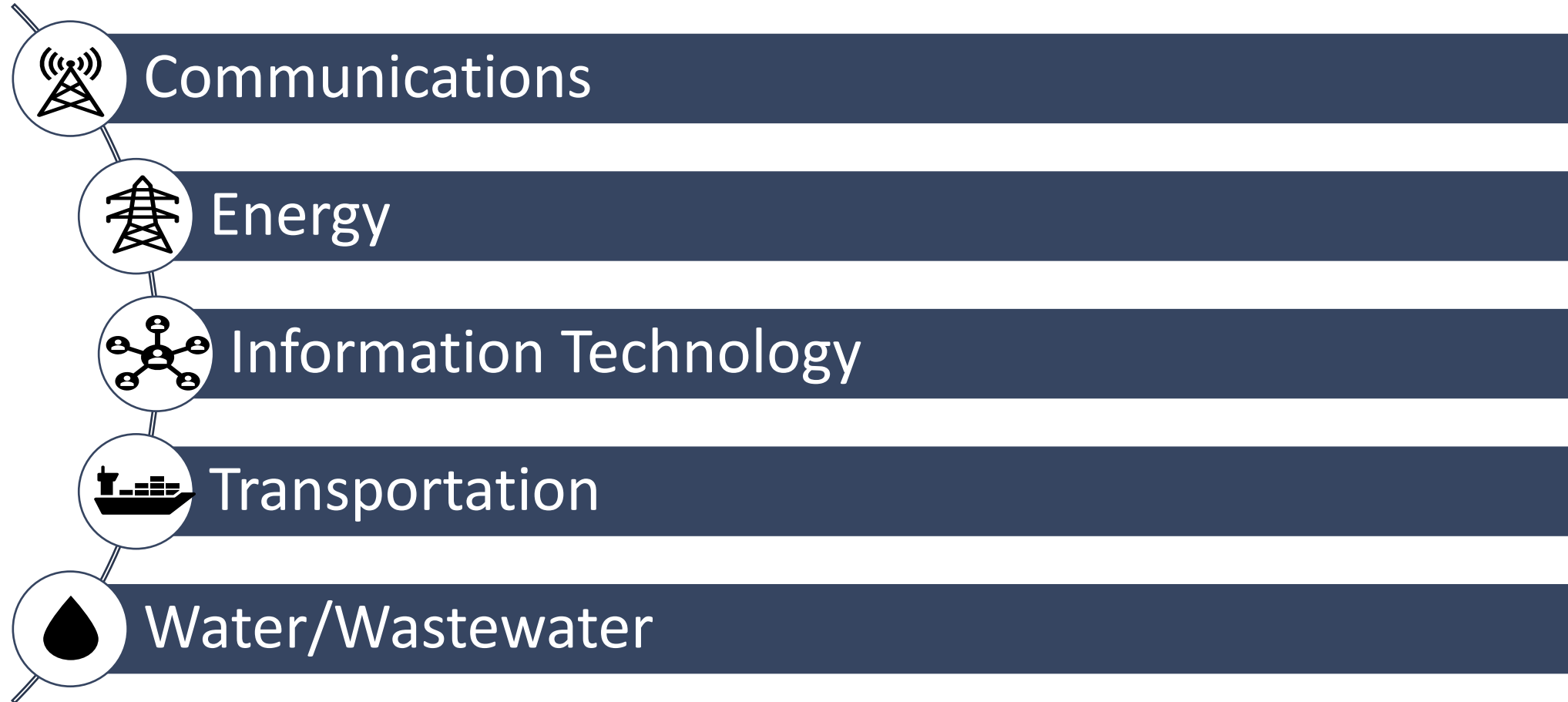
Project Scope

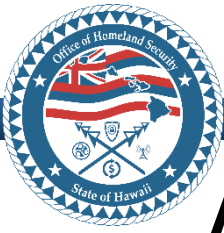
Develop an Implementation Plan for establishing a critical infrastructure data management system to include:

- “Articulate” the conduct of a comprehensive inventory and baseline interdependency assessment of the state’s critical infrastructure and their dependencies/interdependencies to inform the development of:
 - Threat mitigation activities
 - Incident response capabilities and capacity
 - Long-term resiliency investment planning
- **Synchronize plan and execution to current critical infrastructure inventories and related data and systems**

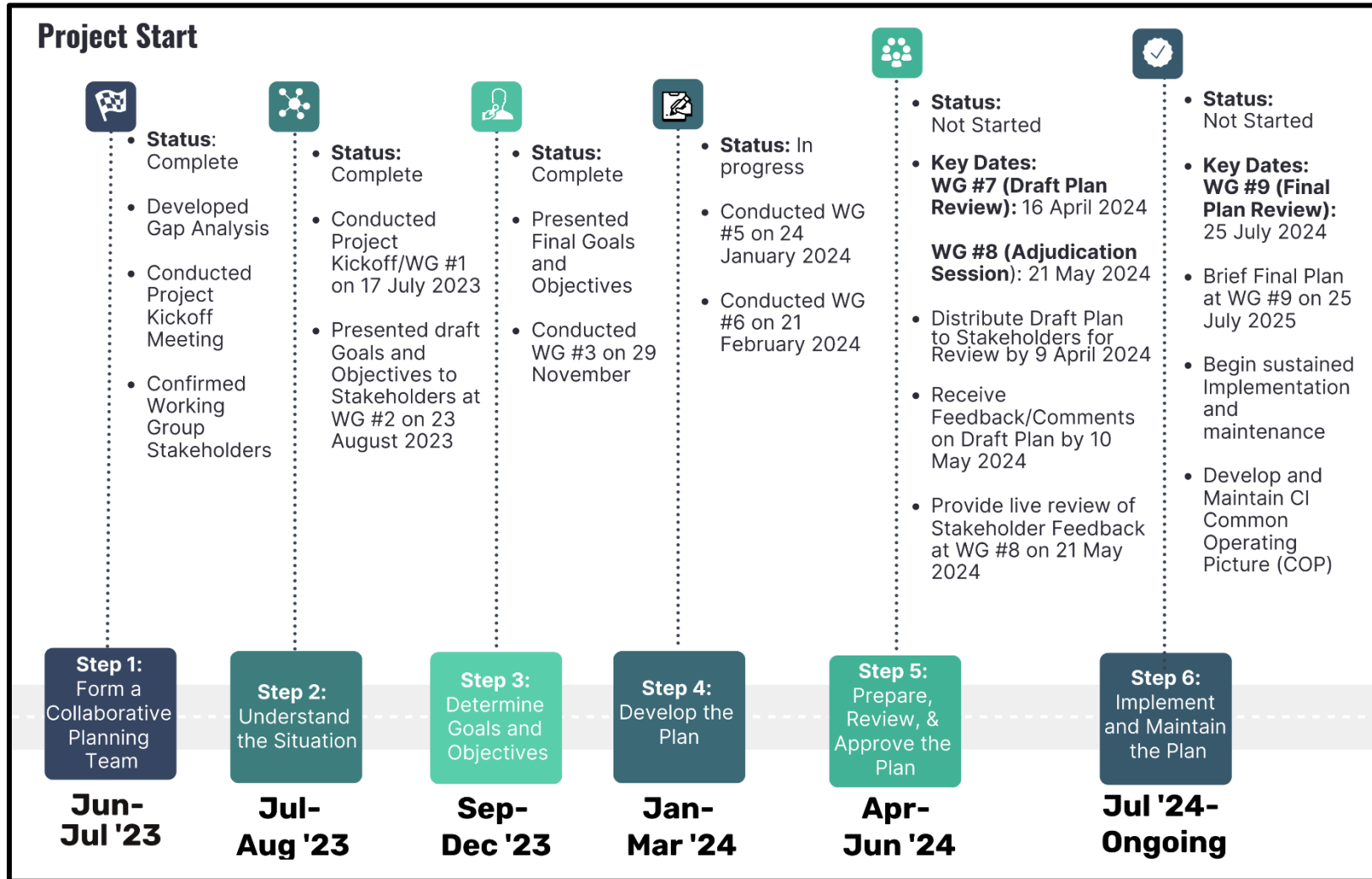


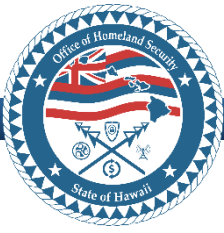
Priority Sectors for OHS





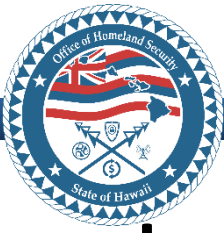
Adjusted Planning Timeline





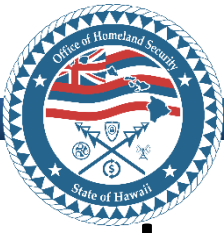
Project Goals

- 1** Goal 1: Mitigate Vulnerabilities in Critical Infrastructure
- 2** Goal 2: Reduce threat exposure for critical facilities
- 3** Goal 3: Plan for resilient restoration of critical infrastructure
- 4** Goal 4: Establish mechanisms for incorporating resilience into planning



Implementation Plan Outline

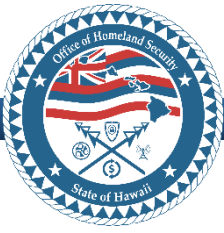
Section	Title	Page Count
0	Cover page	2
0.1	Table of Contents	2
0.2	Foreword	2
ES	Executive Summary	2
1	Introduction	2
2	Planning Process/Methodology	4
3	Critical Infrastructure Resilience Strategy Implementation Goals	2
3.1	Goal 1: Mitigate Vulnerabilities in Critical Infrastructure	2
3.1.1	<i>Objective 1.1: Conduct of a comprehensive inventory of the State's Critical Infrastructure</i>	2
3.1.2	<i>Objective 1.2: Support risk assessment efforts to identify and reduce vulnerabilities in Critical Infrastructure systems</i>	2
3.1.3	<i>Objective 1.3: Support the analysis of dependencies/interdependencies to assess the potential for cascading, escalating, and common-cause failures throughout infrastructure systems</i>	2
3.1.4	<i>Objective 1.4: Support development and prioritization of potential projects to mitigate identified vulnerabilities and strengthen resilience of Critical Infrastructure systems</i>	2
3.2	Goal 2: Reduce threat exposure for critical facilities	2
3.2.1	<i>Objective 2.1: Support risk assessment efforts to identify, deter, detect, disrupt, and prepare for threats to critical facilities and systems</i>	2
3.2.2	<i>Objective 2.2: Identify and share information on methods to prevent, protect from, and mitigate threats to critical facilities and systems</i>	2



Implementation Plan Outline

Section	Title	Page Count
3.3	Goal 3: Plan for resilient restoration of Critical Infrastructure	2
3.3.1	<i>Objective 3.1: Conduct outreach to Critical Infrastructure stakeholders to encourage collaborative efforts to improve capacity of stakeholders and resiliency of Hawaii's Critical Infrastructure systems</i>	2
3.3.2	<i>Objective 3.2: Support collaborative continuity of operations planning, training and exercises to facilitate the rapid restoration of Critical Infrastructure</i>	2
3.4	Goal 4: Establish mechanisms for incorporating resilience into planning	2
3.4.1	<i>Objective 4.1: Support stakeholder efforts to incorporate Critical Infrastructure threat mitigation into long-term comprehensive planning to improve resilience in Hawai‘i</i>	2
3.4.2	<i>4.2: Develop a common operating picture of Critical Infrastructure in Hawai‘i to support planning and mitigation efforts and enhance situational awareness</i>	2
A	Appendix A - Implementing Partners and Identified Potential Collaborators	6
B	Appendix B - Acronyms	2
C	Appendix C - Key Terms	2
D	Appendix D - Supporting Documentation	10
E	Appendix E - References	4
F	Appendix F - Plan Maintenance	2

Total Page Count: 70



Federal Definition of CI

The National Infrastructure Protection Plan (NIPP) defines critical infrastructure and key resources (CIKR) as:

- Physical or virtual assets, systems, and networks so vital to the United States that the incapacity or destruction of such assets, systems, or networks would have a debilitating impact on security, national economic security, public health or safety, or any combination of those matters



Hawaii Definition of CI

The Hawaii Critical Infrastructure Security and Resilience Program defines CI as:

- Interdependent systems and assets (existing, proposed, physical or virtual), of which when compromised, incapacitated, or destroyed would negatively affect security, economic security, public health or safety, or any combination thereof.



Goal 1: Mitigate Vulnerabilities in Critical Infrastructure



Objective 1.1:

Conduct a comprehensive inventory of the State's critical infrastructure



Objective 1.2:

Support risk assessment efforts to identify and reduce vulnerabilities in Critical Infrastructure systems



Objective 1.3:

Support the analysis of dependencies/ interdependencies to assess the potential for cascading, escalating, and common-cause failures throughout infrastructure systems



Objective 1.4:

Support development and prioritization of potential projects to mitigate identified vulnerabilities and strengthen the resilience of Critical Infrastructure systems



Goal 2: Reduce threat exposure for critical facilities



Objective 2.1:

Support risk assessment efforts to identify, deter, detect, disrupt, and prepare for threats to critical facilities and systems



Objective 2.2:

Identify and share information on methods to prevent, protect from, and mitigate threats to critical facilities and systems



Goal 3: Plan for resilient restoration of Critical Infrastructure



Objective 3.1:

Conduct outreach to Critical Infrastructure stakeholders to encourage collaborative efforts to improve capacity of stakeholders and resiliency of Hawaii's Critical Infrastructure systems



Objective 3.2:

Support collaborative continuity of operations planning, training and exercises to facilitate the rapid restoration of Critical Infrastructure



Goal 4: Establish Mechanisms for incorporating resilience into planning



Objective 4.1:

Support stakeholder efforts to incorporate Critical Infrastructure threat mitigation into long-term comprehensive planning to improve resilience in Hawai'i

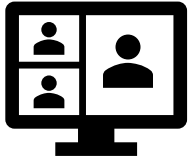


Objective 4.2:

Develop a common operating picture of Critical Infrastructure in Hawai'i to support planning and mitigation efforts and enhance situational awareness

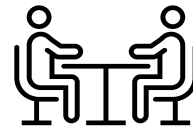


Project Update



Conducted Working Group (WG) #3 on 29 November to introduce Stakeholders to Systems Thinking and provide an overview of individual sector diagrams; 55 Participants attended.

Conducted one-on-one meetings with CI Centers of Excellence to gather best practices, lessons learned, and discuss project governance.

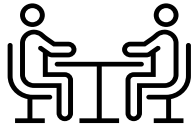


Conducted WG #4 on 20 December to introduce stakeholders to the OHS CI Common Operating Picture (COP); 43 participants attended.



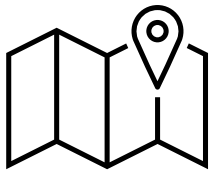


Project Update



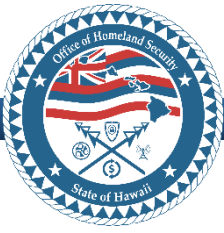
Conducted one-on-one meetings with Stakeholders to introduce them to Understanding Systems Thinking in CI

Researched, Identified, and met with GIS System Developers to understand GIS capabilities.



Met with County Geospatial Information Systems (GIS) Teams and the *Hazard Mitigation Forum* to discuss project end goals and incorporation of GIS Data into the CI COP.





Project Update

Participated in a Data Governance workshop with ESRI to brainstorm, identify, and explore the best methods to support collaboration, information sharing, and data management for the CI COP.



Examined existing Hawai'i-specific CI data within Homeland Security Infrastructure-Level Data (HIFLD).

Conducted WG #5 on 24 January to introduce stakeholders to the Governor's Mitigation Strategy and how the priorities align with OHS' priorities; 47 participants attended.





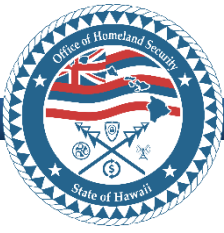
Project Update



Conducted WG #6 on 21 February to update stakeholders on the Adjusted Project Timeline, introduce them to GIS User Stories, and provide an overview of the Implementation Plan Goals, Objectives, and Activities; 47 participants Attended.

Reviewed and Adjudicated stakeholder feedback on the CI COP User Stories and Implementation Plan Goals, Objectives, and Activities.





Call to Action

- Email our team to get involved in future Working Group meetings:
 - kenneth.fisher.consultant@hawaii.gov
 - michael.covert.consultant@hawaii.gov





Open Discussion/Questions



Primary Point of Contact

Jimmie Collins, Hawai'i State Office of Homeland Security

jimmie.l.collins@Hawaii.gov



Project Manager

Jon Shear, ReadyZoneHQ

jon.shear.consultant@hawaii.gov



Project Leads

Ken Fisher, Project Lead

kenneth.fisher.consultant@hawaii.gov

Michael Covert, ReadyZoneHQ

michael.covert.consultant@hawaii.gov

Critical Infrastructure

- Critical Infrastructure-Common Operating
Picture - Data Governance and Workflow
Workshop Outcomes (Esri) – separate slide deck file

Critical Infrastructure

- Critical Infrastructure Security & Resilience
Workshop v2.0 – Quick Look After Action Brief
(Acting Administrator, Jimmie Collins)

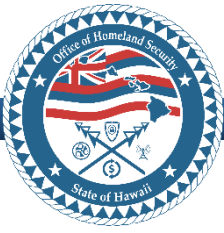


Agenda

- Workshop Overview
- Stakeholder Overview
- All Hazards Analysis
- Project Concepts
- Open Discussion/Questions



Workshop Overview



Workshop by the Numbers

74

Attendees, from the Department of the Navy, Federal Government, State of Hawaii, and critical infrastructure sectors (i.e., electric, gas, water and wastewater)

44

Organizations, including Hawaii Department of Defense, Hawaiian Electric Company, Hawaii Gas, Hawaii Emergency Management Agency, and Hawaii State Energy Office

6

Project concepts developed over 2 days with particular focus on energy and water resilience initiatives for the islands of Oahu and Kauai



Workshop Objectives

OBJECTIVE 1

Identify critical infrastructure assets in key sectors, such as energy, water/wastewater, IT/communications, and transportation



OBJECTIVE 2

Develop a shared understanding of critical infrastructure dependencies and interdependencies amongst sectors.



OBJECTIVE 3

Categorize essential components of select critical infrastructure systems based on the risk of cascading failure and catastrophic impacts to nation, state, and county.

OBJECTIVE 4

Identify potential solutions to enhance safety, security, and resilience on O'ahu and Kauai.



Stakeholder Overview



Organizations Represented

HAWAII

- Emergency Management Agency
- Department of Environmental Management
- Department of Law Enforcement
- Hawaii County
- Honolulu City & County
- Kauai County
- Maui County
- OHS
- State Energy Office
- State of Hawaii, Department of Defense

NAVY

- DON Installations
 - JBPHH
 - MCBH
 - PMRF
- DON HQ
 - ASN(EI&E)
 - MCICOM
 - NAVFAC EXWC
- DON Region
 - CNRH
 - MCIPAC
 - NAVFAC Hawaii
 - NAVFAC Pacific

CRITICAL INFRASTRUCTURE

- AT&T
- Hawaiian Electric Company
- Hawaii Fueling Facilities Corporation
- Hawaii Gas
- Hawaiian Telecom
- Kauai Island Utility Cooperative
- Matson, Inc
- PAR Hawaii
- Spectrum
- Young Brothers

DoD + FED GOV'T

- Cybersecurity and Infrastructure Security Agency
- Defense Information Systems Agency
- Department of Transportation
- Idaho National Laboratory
- INDOPACOM
- USAPARC
- Office of Local Defense Community Cooperation

All Hazards Analysis



The Disruption Scenario: Tropical Storm Etna

BOTTOM LINE UP FRONT

Tropical Storm Etna is:

- A major tropical storm is forecast to impact the Hawaiian Island chain.
- Slow moving with sustained winds of 70 mph.
- Expected to bring substantial rainfall to the entire island chain with significant storm surge expected.



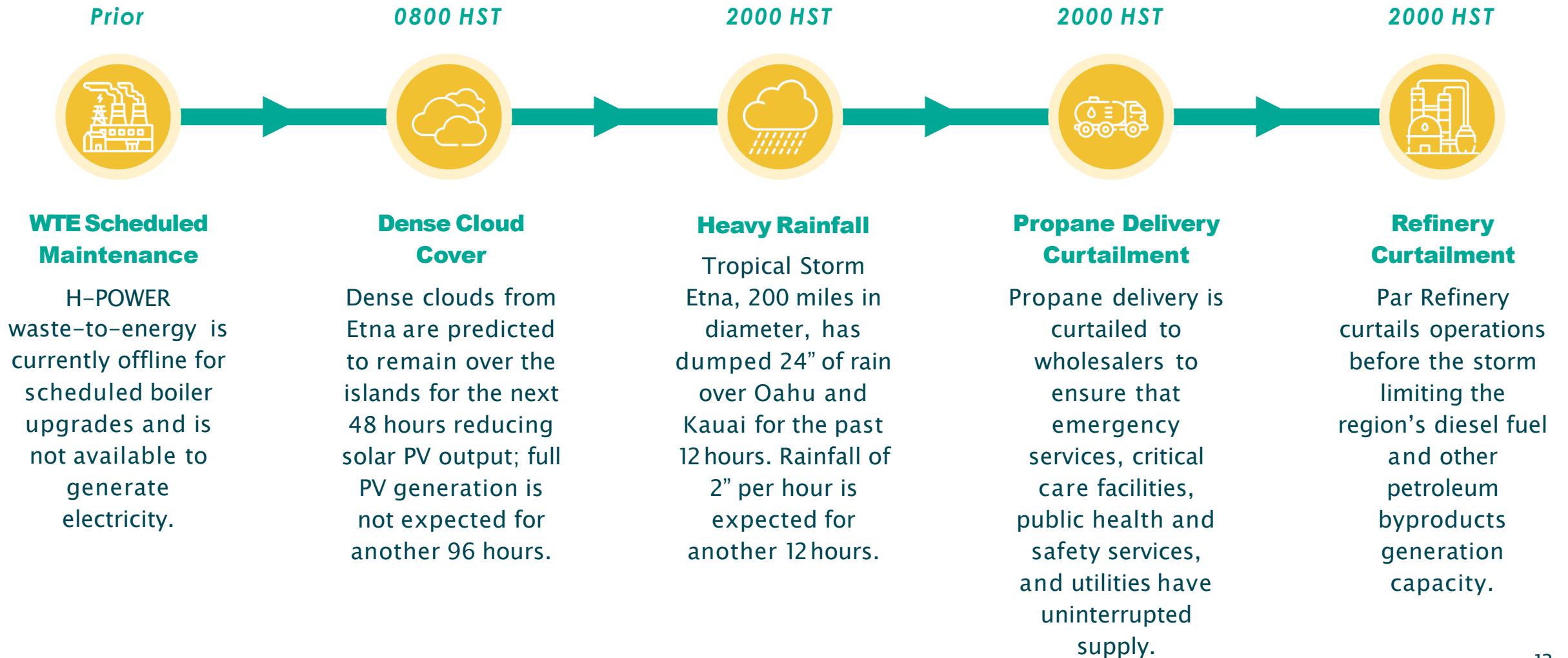
TANGIBLE, IMMERSIVE, REALISTIC

This scenario:

- Aligns with real world situations that you have experienced in the Hawaiian Island chain
- Stresses foundational infrastructure interdependencies
- Forces you to think about ways to enhance community infrastructure and regional resilience planning



The Scenario - 48/36 Hours Before Landfall





The Scenario - 24/12 Hours Before Landfall

0800 HST



Tropical Force Winds

Tropical force winds are forecast to make landfall within the next six hours; wind gusts are expected to approach 55 MPH.

2000 HST



Wind Generation Curtailed

Wind turbines are taken offline across the island to avoid damaging turbine blades and wind generation is curtailed.

2200 HST



Severe Flooding

Localized flooding is becoming more severe with some areas receiving >2 inches of rain per hour; storm surge impacts facilities around Honolulu Harbor, Sand Island, and HNL.

2300 HST



Internet Resource Degradation

Users across Oahu are experiencing slow internet connection; the issue appears to be related to traffic routing through Oahu's Internet Exchange Points.

2359 HST



Rolling Blackouts Implemented

Heavy flooding at the Waiau Power Plant causes all units to trip offline; HECO implements rolling blackouts.



The Scenario - 0 Hours Before Landfall

0800 HST



Etna Makes Landfall

The tropical storm makes landfall on the southwest edge of Oahu.

0800 HST



High Demand for Fuel Resupply

Widespread power outages across Oahu have forced many critical infrastructure owners to operate on backup power; fuel resupply slows due to high demand.

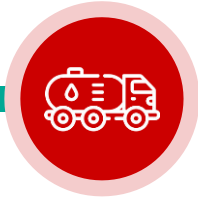
0800 HST



Limited Internet Availability

Internet traffic is still limited. IXP operators are working to resolve the issues.

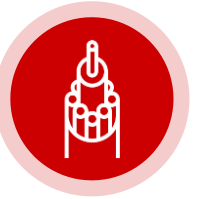
1000 HST



Propane Shortages

Propane supply issues extended due to damaged equipment and port recover activities at Barbers Point Harbor; possible impacts to crude oil delivery.

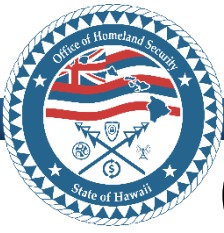
1000 HST



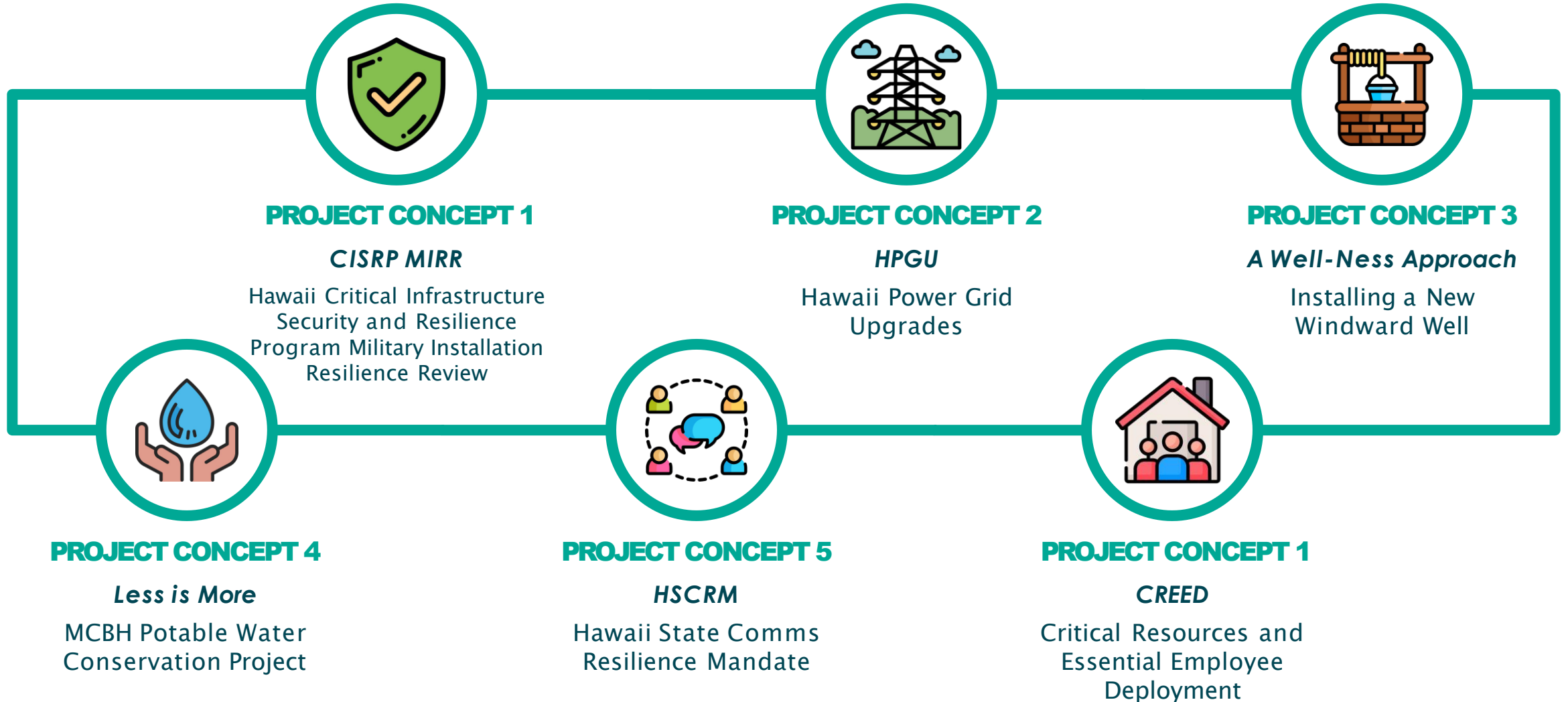
Fiber Optic Cables Downed

Overhead fiber optic cables are downed due to high winds and communications are degraded during the recovery phase of the effort.

Project Concepts



Overview of Project Concepts





Project Concept 1: Hawaii Critical Infrastructure Security and Resilience Program (CISRP) Military Installation Resilience Review (MIRR)



Headline of the Future

"Hawaii Publishes First Civil Defense Plan Since WWII"

Big Idea

The Hawaii CISRP Military Installation Resilience Review (MIRR) is a joint initiative between the Department of the Navy and the Hawaii Office of Homeland Security. This project defines resilience requirements in the region during times of conflict intended to better understand critical infrastructure criticality and prioritize investments.

Importance

The State of Hawaii is uniquely positioned as a frontline community for potential conflict in the Asia Pacific region. The CISRP MIRR is an essential first step in addressing regional critical infrastructure vulnerabilities, threats, and changes during times of conflict.

Community Benefit

The Hawaii CISRP MIRR will identify and address regional resilience gaps for both the DoD and local communities. It will also create and strengthen lines of communication between DoD installations located in Hawaii and local and state government planners.



Project Concept 1: Hawaii Critical Infrastructure Security and Resilience Program (CISRP) Military Installation Resilience Review (MIRR)



Potential Roadblocks

- Competing priorities
- Stakeholder incentive and motivation for participation
- Articulation and definition of "war-like" conditions

Funding Options

The optimal funding pathway is OLDCC's Installation Resilience Program (IRP) as it directly supports MIRR initiatives.

Timeline

0 Months

Gather group to determine scope

3 Months

Collect requirements and resources

Meet determined requirements

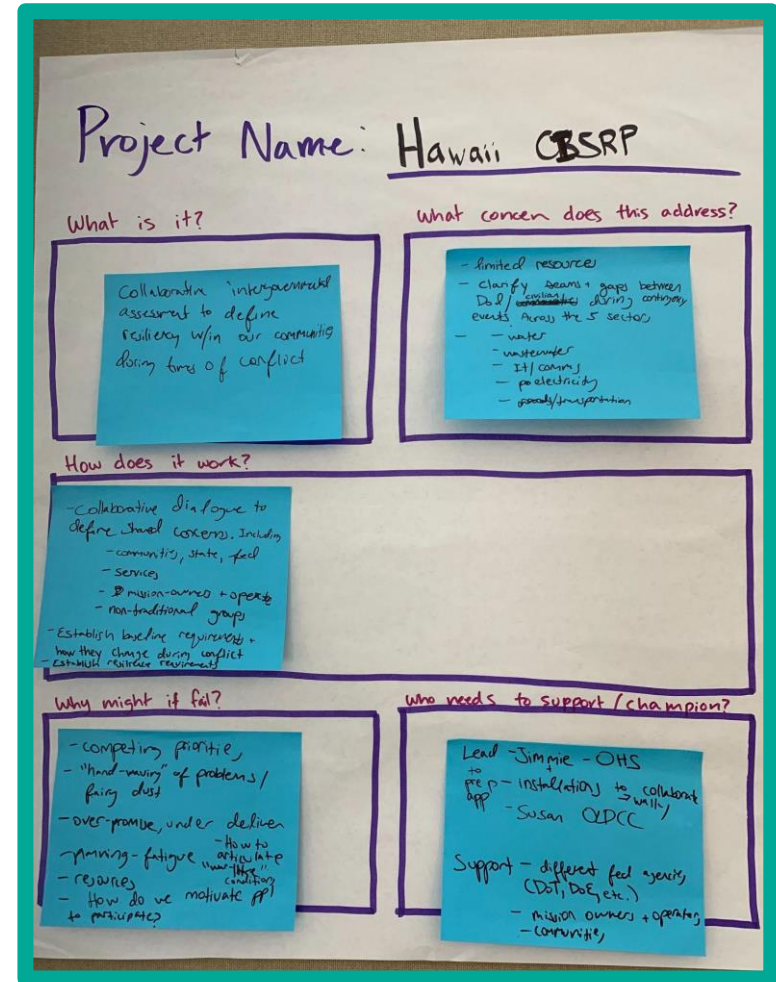
6 Months

Project socialization

Introduce stakeholder groups

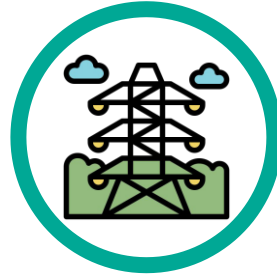
12 Months

Define stakeholder group overlap





Project Concept 2: Hawaii Power Grid Upgrades (HPGU)



Headline of the Future

"No More Blackouts: New Power Grid Upgrades Prevent Power Losses on Oahu and Kauai"

Big Idea

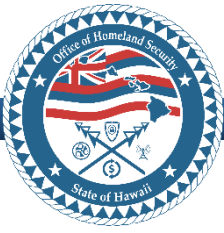
The HPGU project is a comprehensive statewide electric sector master plan to strengthen energy resilience planning between DoD installations and the State of Hawaii. It will include burying cables, building a redundant transmission line to MCBH, station upgrades, DoD installation distribution upgrades, and building a new transmission line to the Waahila Ridge.

Importance

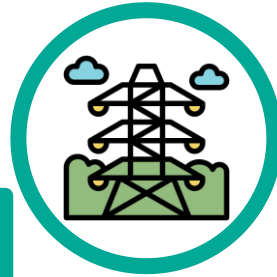
Hawaii is currently experiencing the impacts of climate change hazards that will continue to accelerate according to the 2023 Hawaii Hazard Mitigation Plan. HPGU is a holistic planning approach to strengthen the resilience of critical electric infrastructure against extreme weather events.

Community Benefits

The HPGU project will result in increased safety, reliability, and resilience for the entire State of Hawaii. Citizens will experience less frequent brownouts and blackouts, and when such outages do occur, power restoration and recovery times will be drastically reduced.



Project Concept 2: Hawaii Power Grid Upgrades (HPGU)



Potential Roadblocks

- Environmental assessments and NEPA planning
- Community concerns and land ownership
- Securing adequate funding

Funding Options

Funding options include OLDCC's Installation Resilience Program (IRP) for a feasibility study, and OLDCC's Defense Community Infrastructure Program (DCIP) for execution.

Timeline

0-1 Months

Assign project lead and establish working group

Develop stakeholder engagement plan

3 Months

Submit funding applications

Establish acquisition strategy

6 Months⁴⁵

Data gathering

1+ Years

Feed DoD Program Objective Memorandum (POM) cycle

Project Name: Hawaiian Power Grid Upgrades (HPGU)
Hawaiian Energy Resilience Optimization + Enhancement System (HEROES)

What is it?

- Burying cables
- Redundant transmission lines to K-Bay (11.5 kV) windward side
- Substation upgrades
- DoD installation upgrades
- 138 kV transmission to Waialeale Ridge

What concern does this address?

- Resiliency + redundancies
- Reliability
- Mitigating outages
- Public safety
- Wildfire prevention
- Increase transmission capacity

How does it work?

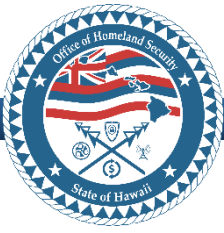
Feasibility Study → Acquisition strategy + regulation compliance → Gov / DoD / Community partnerships + advocacy → Design + bid + build & SCADA upgrades

Why might it fail?

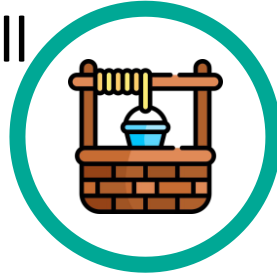
Regulatory	Social	Funding
- Red tape / environmental assessments	- Community concerns	- Internal (private)
- NEPA planning	- Land ownership	- Federal (grants)
- Disadvantaged community support (DAC)	- Not in my backyard (NIMBY)	- Utility

Who needs to support / champion?

- Military bases + Installation Commanders
- Local Hawaii Utility Companies (HECO)
- Hawaii State Energy Office (HSEO)
- Local Hawaii Communities
- Public Utility Commission, Public Works Office



Project Concept 3: A Well-Ness Approach: Installing New Windward Well



Headline of the Future

"A Well-Ness Approach Yields Success"

Big Idea

A Well-Ness Approach is an infrastructure project to develop Well No. 3-2429-002 as a new source of water for the windward water system in Oahu. The system will supply water to the HBWS Haiku 500' system that serves MCBH. The Hawaii Board of Water Supply (HBWS) will champion, design, and construct this project.

Importance

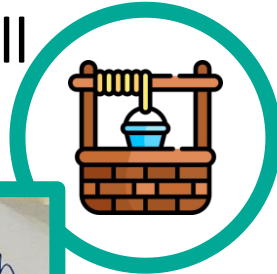
Demand on the windward water system is on pace to exceed current supply without increasing the overall supply of water or drastically reducing demand through conservation efforts. The Well-Ness Approach strives to correct this water supply imbalance by creating a new water source in the system.

Community Benefit

The development of Well No. 3-2429-002 will result in a reliable source of water now and into the future. It will also demonstrate a pathway for future collaboration on water resilience issue sets between HBWS and MCBH.



Project Concept 3: A Well-Ness Approach: Installing New Windward Well



Potential Roadblocks

- Engineering
 - Not enough capacity
 - Water quality
- Public/regulatory
 - No CWRM approval
 - No community approval

Funding Options

Funding options include OLDCC's DCIP and funding from HBWS and community partners. Funding could also be available through DoD, congressionally directed funding, and cost sharing between HBWS and DON.

Timeline

0 Months

Condition assessment
Coordinate with MCBH on MIRR

6 Months

Environmental assessment

12 Months

Water use permit
Community outreach

2-4 Years

Write use permit
Design project
Construct project

Project Name: A well-ness approach (install new windward well)

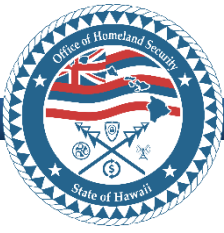
What is it?
DEVELOP WELL NO. 3-2429-002 AS A NEW SOURCE FOR THE WINDWARD WATER SYSTEM.

What concern does this address?
MORE SUPPLY TO MEET DEMAND

How does it work?
SUPPLIES WATER TO HAIKU 500' SYSTEM THAT DROPS WATER TO 272' SYSTEM

Why might it fail?
ENGINEERING:
- NOT ENOUGH CAPACITY
- WATER QUALITY
PUBLIC/REGULATORY:
- NO CWRM APPROVAL
- NO COMMUNITY APPROVAL

Who needs to support (champion)?
FED: KMCBH
STATE: DNR/DOH
CITY: BNS
COMMUNITY/PUBLIC



Project Concept 4: Less is More: Potable Water Conservation



Headline of the Future

"U.S. Marine Corps Base Hawaii Keeps Mission Afloat Through Water Conservation Project"

Big Idea

The MCBH Water Conservation Project is a comprehensive initiative to reduce water demand through a suite of water conservation measures. These include leak detection and line replacement, xeriscaping, installation of low-flow fixtures, water consumption monitoring and metering, capture of reclaimed water, and an installation-wide education campaign and conservation challenge.

Importance

MCBH is the largest user of potable water on the HBWS system. This project puts policy into action by ensuring sufficient availability of potable and non-potable water supply to sustain critical mission(s) and reduce overall potable water consumption at MCBH.

Community Benefit

Reducing water demand at MCBH will ensure that the potable water available on Oahu is being used efficiently. This will increase availability for other customers and provide a buffer for future growth. It will also encourage industry and market innovation by providing an installation case study and potential test bed for new conservation technologies.



Project Concept 4: Less is More: Potable Water Conservation



Potential Roadblocks

- Lack of support, funding, participation, and collaboration
- Lack of dedicated staff
- Human behavior
- Unanticipated future demand increases

Funding Options

Funding options include MILCON for a water reclamation facility, BSS1 /BSM1 for leak detection, M2/R2 for line replacement, and M1/R1 for water conservation efforts.

Timeline

3 Months

Plan of action and milestones
Policy development
Letter of intent

6 Months

Plan and milestones development

12 Months

Water conservation plan implementation kickoff

Name: "Less is More" MCBH Reduce Potable Water Demand

What is it?
Potable water^{use} reduction through conservation measures and reuse

What concern does this address?
High use of limited potable water resource
(DASN E1+E Water Serial - CSD Serial #2)

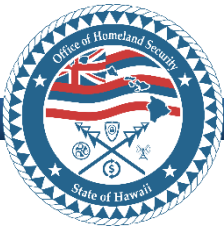
How does it work? policy, letter of intent, and ^{conservation} plan

Implement potable water conservation measures:

- leak detection + line replacement
- xeriscaping
- low-flow fixtures
- education campaign
- conservation challenge
- audits
- 3) use reclaimed wastewater for nonpotable purposes - requires upgrades of Water Reclamation Facility
- 4) water consumption tracking: meters (AMI)

Why might it fail?
Lack of support/funding/participation/collaboration
Lack of dedicated staff
human behavior
unanticipated future demand increases

Who needs to support?
Champion: Installation
Stakeholders: -PPV -Dept of Health
-BWS -MCI/PAE/MCI/COM
- Golf course
- entire base population



Project Concept 5: Hawaii State Communications Resiliency Mandate (HISCRM)



Headline of the Future

"Hawaii Slammed by CAT-5 Hurricane: Communications Across the State Continue to Work!"

Big Idea

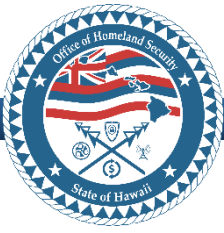
HISCRM is a state mandate focused on establishing resilient communications capabilities. It will define communications resilience goals for that state, provide a constructive venue for dialogue across public and private stakeholders, and advocate for and support the development of standards that enhance resilience for communications infrastructure.

Importance

The State of Hawaii currently lacks resilient communications infrastructure and effective policy. HISCRM will provide a statewide assessment of communications infrastructure resilience and develop criteria to prioritize investments.

Community Benefit

HISCRM will identify and reduce single points of communications failure, enable fast permitting for resilience investments, and educate the public on the importance of resilient communications infrastructure.



Project Concept 5: Hawaii State Communications Resiliency Mandate (HISCRM)



Potential Roadblocks

- Lack of buy-in from the private sector, legislators, and key stakeholders
- Project complexity
- Lack of community consideration

Funding Options

Funding options include communication utilities' integrated resource planning (IRP) processes as well as FEMA's Building Resilient Infrastructure and Communities (BRIC) and Hazard Mitigation Grant Program (HMGP) programs.

Timeline

0 Months

Establish project champion
Develop communications strategy

3 Months

Stakeholder kickoff

Develop implementation plan

6 Months⁵¹

Campaign for buy-in

12Months

Pass legislation

5

PROJECT NAME HAMPTON ENERGY RESILIENCE & OPTIONALITY SYSTEM [HEROS]

WHAT IS IT?
Electric Compressor station to enhance regional resilience + provide optionality

WHAT WILL IT ACHIEVE?
• It will reduce curtailments by providing firm service to and diversity of energy supply
• Community assistance

HOW DOES IT WORK?
• Additional pressure allows region to redirect/absorb fuel to mitigate power when a node goes down
• Existing gas site
• Existing pipelines to new nodes
• Electric
• Risk of methane leak at gas site

WHY MAY IT FAIL?
• Environmental justice concerns
• Permitting requirements + timeline
• Cost recovery approval
• Environmental opposition

WHO NEEDS TO SUPPORT?
Champion: Virginia Natural Gas
State/Local: City of Chesapeake, Legislature, HRDC, State PUC, DEQ, VDEM
Other: Civic League, Navy, other critical infrastructure owners, other cities



Project Concept 6: Critical Resources and Essential Employees Deployment (CREED)



Headline of the Future

"Industry Planning Initiative, CREED, Improves Restoration Time Following Tropical Storm Etna"

Big Idea

The CREED program is an industry-led initiative to develop emergency shelters for essential employees for critical infrastructure operations at strategic locations across Oahu. CREED will utilize a combination of existing private and public infrastructure to house essential critical infrastructure employees for up to 72 hours after a major weather event.

Importance

Critical infrastructure employees typically do not live near their place of work. As a result, black sky events will prevent them from performing their essential functions due to roadway debris. CREED provides a venue for essential employees to shelter-in-place near or at their place of work for up to three days following a major event.

Community Benefit

The CREED program will result in faster restoration of critical services for customers, reduced downtime costs for critical infrastructure owners and operators, and increased safety for essential employees and their families.

Working Group/Task Force Briefs:

- FestPAC Safety & Security Working Group
(Acting Administrator, Jimmie Collins)



State of Hawai'i Office of Homeland Security

KEY

Artistic Programs	Hō'ikeike Performing Arts
	Hō'ike Ki'i Visual Arts
Strategic Programs	Hana No'eau Heritage Arts
	Nā Hana Pāku'i 'Aha Moananuiākea
Ceremonies & Special Events	Nā Hanana Kūhelu
	City Events
* = Naming Rights Events	

Hō'ike'ike (Performing Arts) Venues & Times

<u>Hulahula Ho'oilina (Heritage Dance)</u>		<u>Ho'okani Pila (Live Music)</u>	
Polynesian Cultural Center	<i>ticketed</i> UH West O'ahu	Royal Hawaiian Center	The Barn at SALT Kaka'ako
12:30pm – 4pm	<i>venue</i> TBD	5pm – 8pm	TBD
Hawai'i Convention Center	<i>ticketed</i> Windward Community College (Palikū)	Pālama Settlement	Kaimana Beach Hotel
6pm – 9pm	<i>venue</i> TBD	TBD	3pm – 5pm
Royal Hawaiian Center	UH Mānoa (Campus Center)	Waikīkī Beach Walk	UH West O'ahu
5pm – 8pm	TBD	5pm – 8pm	TBD
Pālama Settlement	Kūhiō Beach Hula Mound	Outrigger Reef Waikīkī Beach Resort	Windward Community College (Palikū)
TBD	5pm – 8pm	7pm – 10pm	TBD
Waikīkī Beach Walk		Duke's Waikīkī	UH Mānoa (Campus Center)
5pm – 8pm		7pm – 10pm	TBD
The Barn at SALT Kaka'ako		Blue Note (Outrigger)	<i>ticketed</i> Kūhiō Beach Hula Mound
TBD		6:30pm – 9:30pm	<i>venue</i> 5pm – 8pm

JUNE 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					31 Festival Village build-out Hawai'i Convention Center Exhibit Hall I	1 Festival Village build-out Hawai'i Convention Center Exhibit Hall I <i>Move-in for Secretariat and Broadcasting</i>
2 Festival Village build-out Hawai'i Convention Center Exhibit Hall II + III <i>Move-in for Program Teams</i> Delegation Move-In UH Housing 8am – 4pm	3 Festival Village build-out Hawai'i Convention Center Exhibit Hall II + III <i>Move-in for Program Teams</i> CPAC Meeting Hawai'i Convention Center 9am – 2pm	4 Festival Village build-out Hawai'i Convention Center Exhibit Hall II + III <i>Move-in for Program Teams</i> CPAC Meeting Hawai'i Convention Center 9am – 2pm	5 Festival Village build-out Hawai'i Convention Center Exhibit Hall II + III <i>Move-in for Program Teams</i> Wa'a Arrival Ceremony Kualoa Regional Park 6am Governor's Reception Washington Place 5pm – 7pm	6 Festival Village build-out Hawai'i Convention Center Exhibit Hall II + III <i>Move-in for Program Teams</i> Culture Ministers Meeting Hawai'i Convention Center 9am – 2pm Wehena (Opening) Ceremony T.C. Ching Athletics Complex 5pm – 9pm	7 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Kamehameha lei draping Ali'iōlani Hale 1pm – 5pm Visual Arts Reception* Hawai'i Convention Center TBD Hō'ike'ike (Performing Arts) *See venues and times below	8 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Floral Parade Waikīkī 9am – 11am 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Ho'olaule'a Kapi'olani Regional Park 11am – 4pm Fashion Gala* Hawai'i Convention Center TBD Hō'ike'ike (Performing Arts) *See venues and times below



State of Hawai'i Office of Homeland Security

JUNE 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9 Ecumenical Service Stan Sheriff Center 9am – 11am Traditional Leaders Summit 'Iolani Palace 1pm – 3pm Hō'ike Bishop Museum 2pm – 8pm	10 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Bishop Museum Artist Exchange Bishop Museum 9am – 1pm Symposia/Conferences Hawai'i Convention Center 9am – 2pm Pacific Philosophers Conference Hawai'i Convention Center 9am – 2pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Film Festival opening * Hawai'i Convention Center 4pm – 9pm Literary Arts opening * Hawai'i Convention Center 4pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below	11 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Bishop Museum Artist Exchange Bishop Museum 9am – 1pm Symposia/Conferences Hawai'i Convention Center 9am – 2pm Pacific Philosophers Conference Hawai'i Convention Center 9am – 2pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Film Festival Hawai'i Convention Center 4pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below	12 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Bishop Museum Artist Exchange Bishop Museum 9am – 1pm Symposia/Conferences Hawai'i Convention Center 9am – 2pm Pacific Philosophers Conference Hawai'i Convention Center 9am – 2pm Youth Ambassador Program Hawai'i Convention Center 9am – 1pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Film Festival Hawai'i Convention Center 4pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below	13 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Bishop Museum Artist Exchange Bishop Museum 9am – 1pm Youth Ambassador Program <i>Site Visit</i> 9am – 1pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Theatre opening * Hawai'i Convention Center 6pm – 9pm Fashion/Textiles Show 1* Hawai'i Convention Center 6pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below	14 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm Youth Ambassador Program <i>Site Visit</i> 9am – 1pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Theatre Hawai'i Convention Center 6pm – 9pm Fashion/Textiles Show 2* Hawai'i Convention Center 6pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below	15 Festival Village & Expo open Hawai'i Convention Center 9am – 5pm Carvers Showcase Bishop Museum 9am – 5pm "Regenerating Oceania" Exhibit Hawai'i Convention Center 9am – 5pm 50th Anniversary Exhibit "Our Sea of Islands" Exhibit Capitol Modern 10am – 4pm Wa'a Programs Kualoa Regional Park 10am – 4pm Theatre Hawai'i Convention Center 6pm – 9pm Hō'ike'ike (Performing Arts) *See venues and times below
16 Panina (Closing) Ceremony T.C. Ching Athletics Complex 5pm – 9pm						



Head of State and Dignitary Invitees Tier 1

1. Australia: Anthony Albanese; Prime Minister
2. New Zealand: Chris Hipkins; Prime Minister
3. Cook Islands: Mark Brown; Prime Minister
4. Federated States of Micronesia: Wesley Simina; President
5. Federated States of Micronesia: Aren Palik; Vice President
6. Fiji: Wiliame Katonivere; President
7. Fiji: Sitiveni Rabuka; Prime Minister
8. French Polynesia: Moetai Brotherson; President
9. Kiribati: Taneti Maamau; President
10. Kiribati: Teuea Toatu; Vice President
11. Marshall Islands: David Kabua; President
12. Nauru: Russ Kun; President
13. New Caledonia: Louis Mapou; President of the Government
14. New Caledonia: Roch Wamytan; President of the Congress
15. Niue: Dalton Tagelagi; Premier
16. Norfolk Island: George Plant; Administrator
17. Northern Mariana Islands: Arnold Palacios; Governor
18. Northern Mariana Islands: David M. Apatang; Lieutenant Governor
19. Palau: Surangel Whipps Jr.; President
20. Palau: Uduch Sengebau; Senior Vice President
21. Papua New Guinea: Bob Dadae; Governor-General
22. Papua New Guinea: James Marape; Prime Minister
23. Pitcairn Islands: Iona Thomas; Governor
24. Rapa Nui (Easter Island): Laura Alarcón Rapu; Provincial Governor
25. Rapa Nui (Easter Island): Pedro Edmunds Paoa; Mayor of Rapa Nui Commune
26. Samoa: Afioga Tuimaleali'ifano Va'aletō'a Eti Sualauvi II; O le Ao o le Malo (Head of State)
27. Samoa: Fiamē Naomi Mata'afa; Prime Minister
28. Solomon Islands: Sir David Vunagi; Governor-General
29. Solomon Islands: Manasseh Sogavare; Prime Minister
30. Tokelau: Kelihiano Kalolo; Ulu-o-Tokelau (Head of Government)
31. Tonga: Tupou VI; King of Tonga
32. Tonga: Siaosi Sovaleni; Prime Minister
33. Tuvalu: Tofiga Vaevalu Falani; Governor-General
34. Tuvalu: Kausea Natano; Prime Minister
35. Vanuatu: Nikenike Vurobaravu; President
36. Vanuatu: Charlot Salwai; Prime Minister
37. Wallis and Futuna: Munipoese Muli'aka'aka; Assembly President
38. Taiwan: Tsai Ing-wen; President
39. Taiwan: Lai Ching-te; Vice President



Head of State and Dignitary Invitees

Tier 2

1. Hawai'i: Josh Green; M.D., Governor
2. American Samoa: Lemanu Peleti Mauga; Governor
3. American Samoa: Salo Ale; Lieutenant Governor
4. Guam: Lou Leon Guerrero; Governor
5. Guam: Josh Tenorio; Lieutenant Governor
6. Wallis and Futuna: Patalione Kanimoa; King of Uvea
7. Wallis and Futuna: Lino Leleivai; King of Alo
8. Wallis and Futuna: Eufenio Takala; King of Singave

Tier 3

1. Australia: Tony Burke; Minister for the Arts
2. New Zealand: Carmel Sepuloni; Minister for Arts, Culture and Heritage
3. Hawai'i: Māpuana de Silva; Chair, Council of Pacific Arts and Culture (CPAC)
4. American Samoa: Fuata Faasamisamia Male Tiumalu; Arts Council
5. Cook Islands: Anthony Turua; Head of Ministry of Cultural Development
6. Federated States of Micronesia: Dr. Rufino Mauricio; Director, Office of National Archives, Culture & Historic Preservations
7. Fiji: Ifereimi Vasu; Minister of iTaukei Affairs
8. Fiji: Isikeli Tuiwailevu; Assistant Minister of iTaukei Affairs
9. French Polynesia: Eliane Tevahitua; Vice President and Minister of Higher Education, Culture and the Environment
10. Guam: Melvin Won Pat-Borja; President, Department of Chamorro Affairs
11. Kiribati: Boutu Bateriki; Minister of Internal Affairs
12. Marshall Islands: Ota Jacob Kisino; Minister of Culture and Internal Affairs
13. Nauru: Isabella Dageago; Deputy Minister for Internal Affairs
14. New Caledonia: Mickael Forrest; Minister for Culture, Youth, Sport, Child and Youth Protection, Tourism and External Affairs
15. Niue: Sonya Talagi; Minister of Taoga Niue (Social Services)
16. Northern Mariana Islands: Maggie Sablan; Secretary, Department of Community and Cultural Affairs
17. Palau: Ngiraibelas Tmetuchl; Minister of Human Resources, Culture, Tourism and Development
18. Papua New Guinea: Esi Henry Leonard; Minister for Tourism, Art & Culture
19. Pitcairn Islands: Betty Christian; Communications Officer and Island Secretary
20. Samoa: Seuula Ionae Tuā'au; Minister of Education, Sports, and Culture (MESCS)
21. Solomon Islands: Bartholomew Parapolo; Minister of Culture and Tourism
22. Tonga: Sione Sangster Saulala; Minister for Internal Affairs
23. Tonga: Fekitamoeola 'Utoikamanu; Minister for Foreign Affairs and Tourism
24. Tuvalu: Simon Kofe; Minister for Justice, Communication & Foreign Affairs
25. Vanuatu: John Still Tari Qetu; Minister for Culture



Head of State and Dignitary Invitees Other

1. Australia: Franchesca Cubillo; Executive Director, First Nations Arts and Culture
2. New Zealand: Te Arikinui Tūheitia Paki; Māori King
3. New Zealand: Mikki-tae Tapara; Aotearoa Delegation Project Manager
4. American Samoa: Loa Tuimavave T. Laupola; Chief of Staff, Arts Council
5. Cook Islands: Tou Travel Ariki; President of the House of Ariki
6. Cook Islands: Tamarii Tutangata; Secretary of Ministry of Cultural Development
7. Fiji: Ratu Epenisa Cakobau, Turaga Bale Na Vunivalu Na Tui Kaba (Paramount Chief of the Kubuna Confederacy)
8. Fiji: Maciusela Raitaukala Betei; Director Fiji Arts Council (FAC)
9. French Polynesia: Teaurua Jarvis; Deputy Director of Culture and Heritage
10. Guam: Angie Taitague; Executive Director, Guam Council on the Arts and Humanities Agency
11. Marshall Islands: Brenda Alik; Secretary of Culture and Internal Affairs
12. Nauru: Shandi Akken; Culture Officer
13. Norfolk Island: Donald Seton Reynolds; Norfolk Island Community Arts Society/Secretary
14. Palau: Kiblas Soaladaob; Secretary General, Bureau of Cultural and Historical Preservation
15. Rapa Nui (Easter Island): Lynn Rapu; Head-Teacher and Founder of the Ma'aranui Cultural Academy and the Cultural Ballet Kari Kari
16. Samoa: Afioga Tuimaleali'ifano Va'aleto'a Eti Sualauvi II; O le Ao o le Malo (Head of State)
17. Samoa: Perenise Tinei; Acting CEO, Ministry of Education, Sports, and Culture (MESC)
18. Solomon Islands: Dennis Marita; Director of Culture; Ministry of Culture and Tourism
19. Tuvalu: Mr. Penivao Moealofa; Assistant Secretary of the Ministry of Local Government and Agriculture
20. Wallis and Futuna: Tuihoua Sosefo; Président du comité de gestion du festival

Working Group/Task Force Briefs:

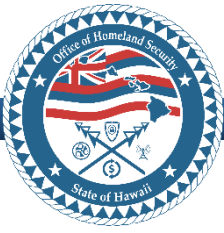
- Wildfire Risk Reduction Task Force (Acting Administrator, Jimmie Collins)



Agenda

- Task Force Goal
 - Objectives
 - Stakeholders
 - Actions
- Activities to date through Mar 24
- Plan of Action and Milestones (Apr-Dec 24)





GOAL: Manage and reduce wildfire risk statewide.

Objective 1 - Emergency Management: Create, Understand Roles, Responsibilities, Protocols

Stakeholders: County Fire/Emergency Management, State Homeland Security Office

Critical Infrastructure entities: Electricity, Communications, Water Sectors

Researchers/modelers at UH and HWMO

Actions:

- Wildfire Workshop: scope/define Emergency Response and Critical Infrastructure Security and Resilience Program activities. [Lead(s): OHS & HI-EMA]
- Develop Emergency Response protocols [Lead(s): County/state EM/Fire] *
- Initial analysis of location-based primary critical infrastructure dependencies/interdependencies, cascading impacts; establish information sharing protocols [Lead(s): OHS] *
- Integrate outcomes from current state-wide sensor emplacement activities [Lead(s): HI-EMA] *
- Public Safety Power Shut-Off – short-term protocols [Lead(s): Hawaiian Electric]

Objective 2 - Risk-Informed Resilience: Refined decision points informed by critical infrastructure dependency analysis

Stakeholders: County Fire/Emergency Management, State Homeland Security Office

Critical Infrastructure entities: Electricity, Communications, Water Sectors

Researchers/modelers at UH and HWMO

Actions:

- Initiate analysis of location-based secondary and tertiary critical infrastructure dependencies/interdependencies, cascading impacts [Lead(s): OHS] *
- Establish geographically-specific wildfire risk profile model(s) [Lead(s): UH/HWMO] *
- Explore risk reduction inhibitors (i.e., land use/management policies, building codes, etc.) and resourcing opportunities (i.e., grants) and their scope [Lead(s): HI-EMA] *
- Develop community-based actions relative to wildfire preparedness [Lead(s): HI-EMA] *

Objective 3 - Value-Added Precision: Local and State multi-year Wildfire Mitigation and Risk Reduction Plans

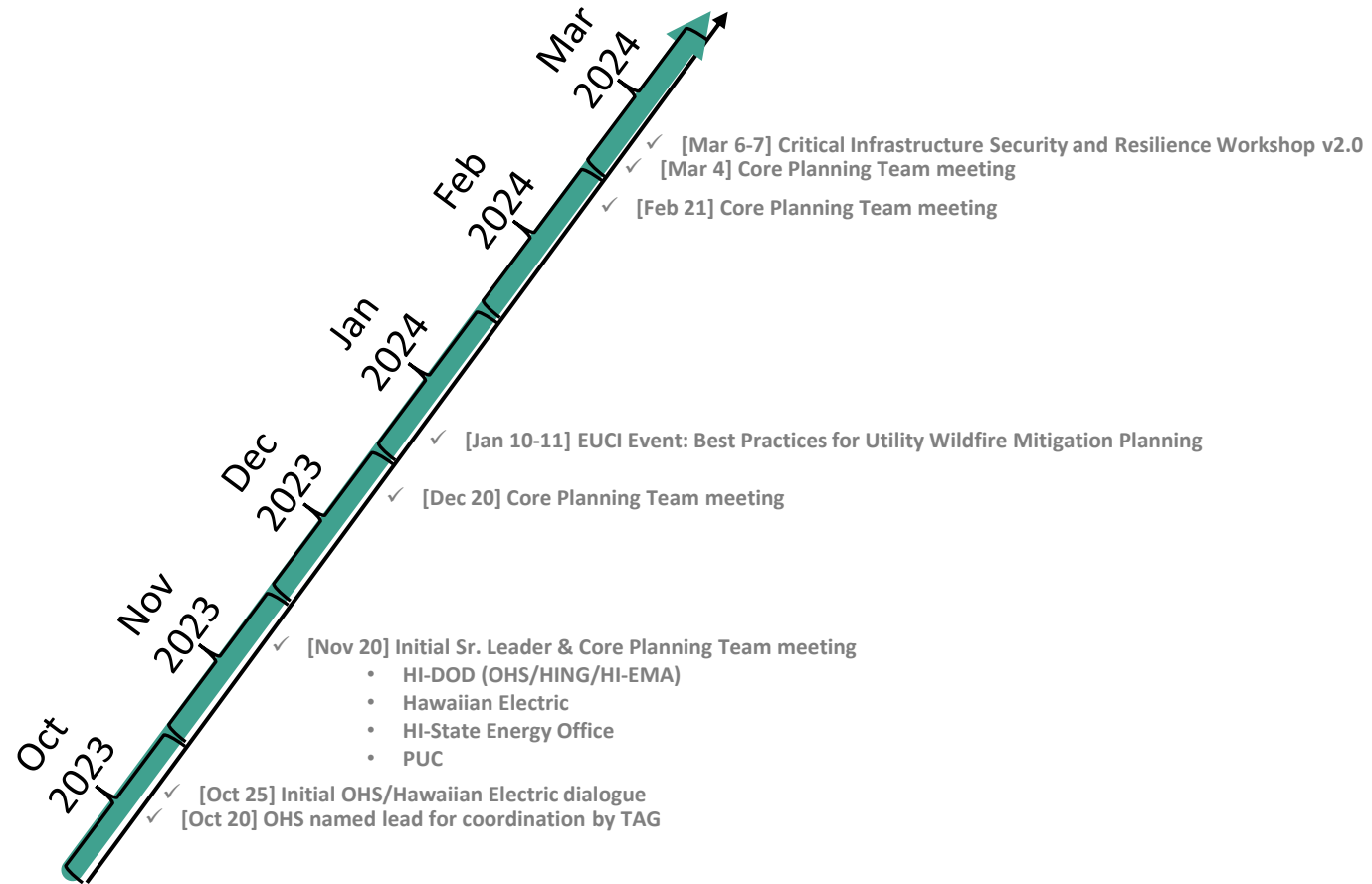
Stakeholders: County Fire/Emergency Management, State Homeland Security Office

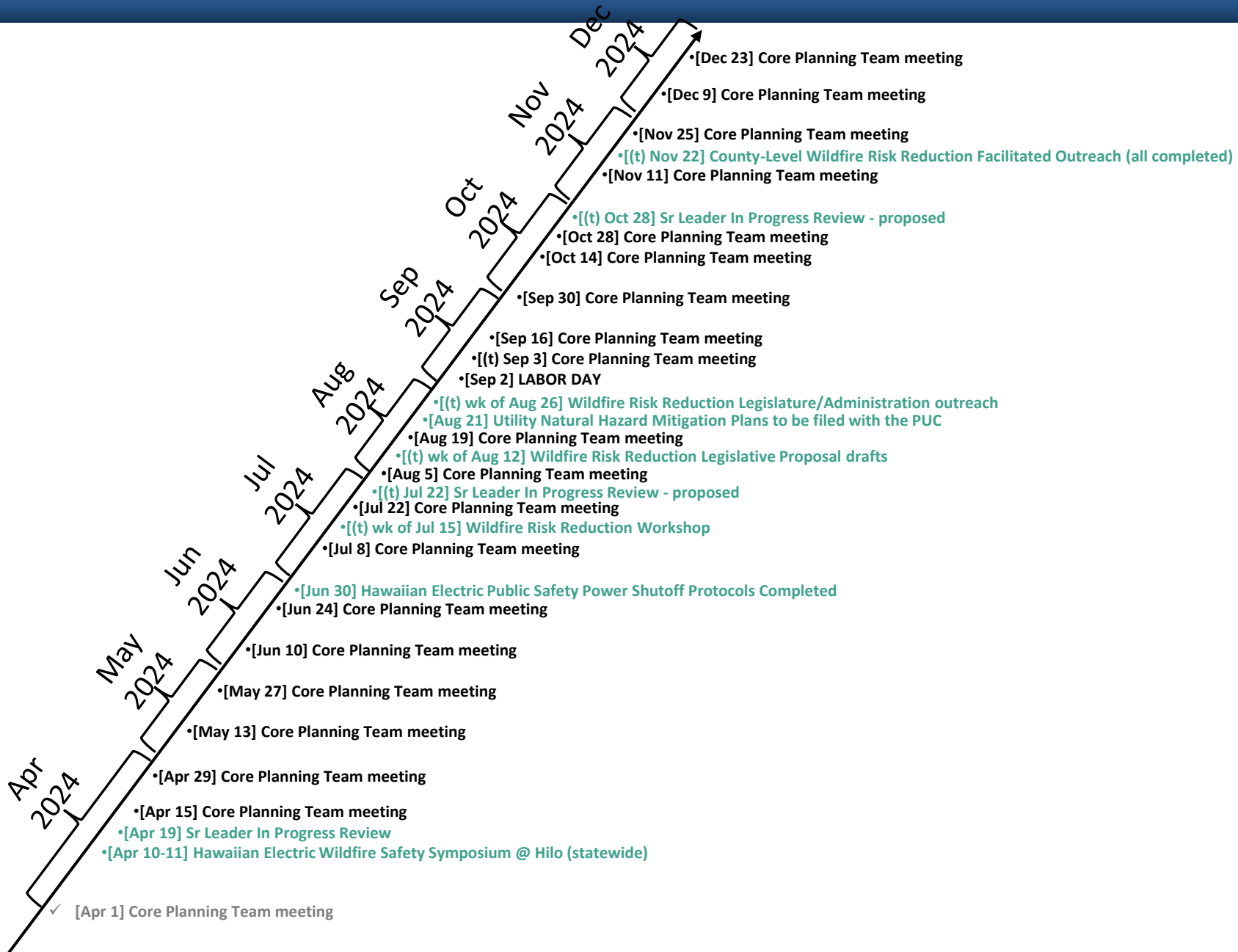
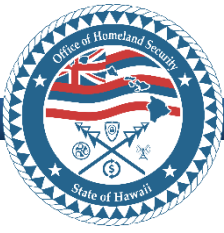
Critical Infrastructure entities: Electricity, Communications, Water Sectors

Researchers/modelers at UH and HWMO

Actions:

- Develop Wildfire Mitigation and Risk Reduction Plan(s) containing a Multi-Year Maturity Model and including a strategic Public Safety Power Shutoff approach [Lead(s): Hawaiian Electric] *





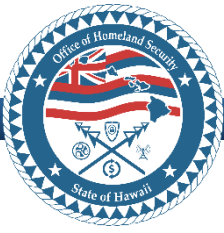
Training & Exercises - Calendar of Events (Acting Administrator, Jimmie Collins)



Agenda

- Scheduled Training
- Training - Scheduling Under Way
- Recommended Virtual Training
- Questions/POCs





Training Scheduled for 2024

(as of 23 Feb 24)

Critical Infrastructure Security and Resilience							
<i>Risk and Disaster Resilience Assessment</i>							
Conducting Risk Assessments for Critical Community Assets	MGT-315	16.00	30	2	9/26/24	9/27/24	
<i>Community Resilience</i>							
Critical Infrastructure Resilience and Community Lifelines	MGT-414	8.00	30	1	9/30/24	9/30/24	
<i>Infrastructure Systems</i>							
Critical Infrastructure Security and Resilience Awareness	AWR-213	8.00	30	1	9/23/24	9/23/24	
Cybersecurity							
<i>Management</i>							
Physical and Cybersecurity for Critical Infrastructure	MGT-452	32.00	30	4.00	10/1/24	10/1/24	
<i>Technical</i>							
Comprehensive Cybersecurity Defense	PER-256	32.00	30	4.00	5/21/24	5/24/24	
Malware Prevention, Discovery and Recovery	PER-382	32.00	30	4.00	5/28/24	5/31/24	
Management							
<i>Community Resilience</i>							
Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review	MGT-310	16.00	30	2	9/24/24	9/25/24	



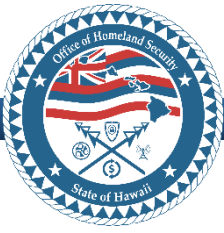
Training - Scheduling Under Way

Terrorism & Targeted Violence				
<i>Access Control and Identity Verification</i>				
Law Enforcement Prevention and Deterrence of Terrorist Acts (Train-the-Trainer)	AWR-122-1	15.00	30	2
Document Inspection for Law Enforcement	PER-383	8.00	30	1
<i>On-scene Security, Protection, and Law Enforcement</i>				
Law Enforcement Active Shooter Emergency Response (LASER) (Train-the-Trainer)	PER-275	24.00	30	3
Active Threat Integrated Response Course (ATIRC) (Train-the-Trainer)	PER-340-1	8.00	30	1
<i>Physical Protective Measures</i>				
Event Security Planning for Public Safety Professionals	MGT-335	16.00	30	2
<i>Risk Management for Protection Programs and Activities</i>				
Sport and Special Event Enhanced Risk Management and Assessment	MGT-466	15.00	30	2
<i>Screening, Search, and Detection</i>				
Crowd Management for Sport and Special Events	MGT-475	16.00	30	2
Site Protection through Observational Techniques, Customized	AWR-219-C	4.00	30	1
Critical Infrastructure Security and Resilience				
<i>Infrastructure Systems</i>				
Disaster Management for Public Services	MGT317	16.00	30	2
<i>Operational Coordination</i>				
NIMS ICS All-Hazards Communications Unit Leader (COML)	E0969	25.00	30	3.13
Management				
<i>Community Resilience</i>				
Readiness: Training Identification and Preparedness Planning	MGT-418	16.00	30	2
<i>Planning</i>				
Continuity Planning	E1301	14.00	30	2
Continuity of Operations Program Management	E1302	14.00	30	2
<i>Public Information and Warning</i>				
Basic Public Information Officers Course	L0290	14.00	30	2
Public Information in an All-Hazards Incident	MGT-318	16.00	30	2
Social Media Engagement Strategies	PER-343	8.00	30	1



Training – Recommended Virtual (1 of 3)

Terrorism & Targeted Violence						
<i>On-scene Security, Protection, and Law Enforcement</i>						
Improvised Explosive Device (IED) Construction and Classification	AWR-333	CDP	1.00	michael.aguilar@fema.dhs.gov	265-231-0106	
Introduction to the Terrorist Attack Cycle	AWR-334	CDP	1.50	michael.aguilar@fema.dhs.gov	265-231-0106	
Response to Suspicious Behaviors and Items for Bombing Prevention	AWR-335	CDP	1.00	michael.aguilar@fema.dhs.gov	265-231-0106	
Improvised Explosive Device (IED) Explosive Effects Mitigation	AWR-337	CDP	1.00	michael.aguilar@fema.dhs.gov	265-231-0106	
Homemade Explosive (HME) and Precursor Awareness	AWR-338	CDP	1.00	michael.aguilar@fema.dhs.gov	265-231-0106	
Critical Infrastructure Security and Resilience						
<i>Intelligence and Information Sharing</i>						
The Homeland Security Geospatial Concept-of-Operations (GeoCONOPS) for Planners and Decision Makers	IS0060.B	EMI	0.50	independent.study@fema.dhs.gov	301-447-1200	
<i>Operational Coordination</i>						
Geospatial Information Infrastructure (GII)	IS0063.B	EMI	1.00	independent.study@fema.dhs.gov	301-447-1200	
DHS Common Operating Picture Application	IS0064.A	EMI	1.00	independent.study@fema.dhs.gov	301-447-1200	
Critical Infrastructure Security and Resilience: Achieving Results through Partnership and Collaboration	IS0913.a	EMI	2.00	independent.study@fema.dhs.gov	301-447-1200	
<i>Physical Protective Measures</i>						
Critical Infrastructure Security: Theft and Diversion - What You Can Do	IS0916	EMI	1.00	independent.study@fema.dhs.gov	301-447-1200	
<i>Screening, Search, and Detection</i>						
Protecting Critical Infrastructure Against Insider Threats	IS0915	EMI	1.00	independent.study@fema.dhs.gov	301-447-1200	
Cybersecurity						
<i>Awareness</i>						
Foundations of Cyber Crimes	AWR-168-W	TEEX	10.00	BCS@teex.tamu.edu	800-541-7149	
Cyber Ethics	AWR-174-W	TEEX	13.00	BCS@teex.tamu.edu	800-541-7149	
Understanding Social Engineering Attacks	AWR-367-W	UofM	8.00	cfia@memphis.edu	901-678-4270	
Mobile Device Security & Privacy	AWR-385-W	UofM	6.50	cfia@memphis.edu	901-678-4270	
Cyber Security Awareness for Municipal, Police, Fire & EMS IT Personnel	AWR-388-W	NUARI	2.00	norwichpro@norwich.edu	802-485-2213	
Cybersecurity in the Workplace	AWR-395-W	TEEX	2.00	BCS@teex.tamu.edu	800-541-7149	
Network Security for Homes and Small Businesses	AWR-396-W	TEEX	2.00	BCS@teex.tamu.edu	800-541-7149	
Cybersecurity for Everyone	AWR-397-W	TEEX	4.00	BCS@teex.tamu.edu	800-541-7149	
Detecting and Responding to a Cyber Attack	AWR-399-W	TEEX	4.00	BCS@teex.tamu.edu	800-541-7149	
Introduction to Internet of Things (IoT) Devices	AWR-402-W	TEEX	2.00	BCS@teex.tamu.edu	800-541-7149	



Training – Recommended Virtual (1 of 3)

Cybersecurity					
<i>Coordination-Planning</i>					
Using the Community Cyber Security Maturity Model to Develop a Cyber Security Program	AWR-353-W	UTSA	2.00	CIAS@UTSA.EDU	210-458-2119
<i>Response-Recovery</i>					
Cyber Incident Analysis and Response	AWR-169-W	TEEX	10.00	BCS@teex.tamu.edu	800-541-7149
Disaster Recovery for Information Systems	AWR-176-W	TEEX	10.00	BCS@teex.tamu.edu	800-541-7149
Developing a Cyber Security Annex for Incident Response	AWR-366-W	UTSA	6.00	CIAS@UTSA.EDU	210-458-2119
Incident Response for Municipal, Police, Fire & EMS IT Personnel	AWR-389-W	NUARI	2.00	norwichpro@norwich.edu	802-485-2213
<i>Technical</i>					
Network Assurance	AWR-138-W	TEEX	5.00	BCS@teex.tamu.edu	800-541-7149
Digital Forensics Basics	AWR-139-W	TEEX	7.00	BCS@teex.tamu.edu	800-541-7149
Information Security Basics	AWR-173-W	TEEX	13.00	BCS@teex.tamu.edu	800-541-7149
Information Risk Management	AWR-177-W	TEEX	13.00	BCS@teex.tamu.edu	800-541-7149
Secure Software	AWR-178-W	TEEX	9.00	BCS@teex.tamu.edu	800-541-7149
Introduction to Basic Vulnerability Assessment Skills	AWR-368-W	NUARI	7.50	norwichpro@norwich.edu	802-485-2213
Cyber Identity and Authentication	AWR-384-W	UofM	6.00	cfia@memphis.edu	901-678-4270
Examining Advanced Persistent Threats	AWR-403-W	UofM	4.00	cfia@memphis.edu	901-678-4270
Cybersecurity Fundamentals	AWR-418-W	CJI	4.00	jwnobles@cji.edu	501-570-8058
COMING SOON End-User Security and Privacy	In development	UofM	4-5	cfia@memphis.edu	901-678-4270
<i>Information Sharing</i>					
Establishing an Information Sharing and Analysis Organization	AWR-381-W	UTSA	8.00	CIAS@UTSA.EDU	210-458-2119
Introduction to ISAOs	AWR-398-W	NUARI	2.00	norwichpro@norwich.edu	802-485-2213



Training – Recommended Virtual (3 of 3)

Management					
<i>Community Resilience</i>					
National Preparedness Goal and System Overview	IS2000	EMI	2.00	independent.study@fema.dhs.gov	301-447-1200
<i>Operational Communications</i>					
Effective Communication	IS0242.c	EMI	8.00	independent.study@fema.dhs.gov	301-447-1200
<i>Operational Coordination</i>					
National Prevention Framework, An Introduction	IS2500	EMI	2.00	FEMA-G-Courses@fema.dhs.gov	
National Protection Framework, An Introduction	IS2600	EMI	2.00	FEMA-G-Courses@fema.dhs.gov	
National Mitigation Framework, An Introduction	IS2700	EMI	3.00	FEMA-G-Courses@fema.dhs.gov	
<i>Planning</i>					
Introduction to Continuity of Operations	IS1300	EMI	0.75	independent.study@fema.dhs.gov	301-447-1200
<i>Public Information and Warning</i>					
Working with the Media: Web-Based	AWR-209-W	RDPC	8.00	jwilson@centertech.com	606-677-6122
<i>Threats and Hazard Identification</i>					
Natural Disaster Awareness for Security Professionals	AWR-322-W	UH-NDPTC	1.50	ndptc-training@lists.hawaii.edu	808-725-5220
Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review	AWR-401-W	TEEX	9.00	ilepse@teex.tamu.edu	800-423-8433



Questions?



**Training
Primary Point of Contact**

Jimmie Collins, Chief Planning & Operations
Hawai'i State Office of Homeland Security
Jimmie.I.Collins@hawaii.gov

Clear Path XI Exercise – Quick Look After Action Brief (Acting Administrator, Jimmie Collins)



Overview

The Clear Path XI Tabletop Exercise was a two-day, in-person exercise held in Honolulu, Hawai'i on January 30-31, 2024.

The purpose of the exercise was to provide an opportunity for Federal, State, and energy sector participants to discuss plans, policies, and procedures to respond to both a major cyberattack on the energy sector while preparing for and responding to the landfall of a major hurricane on multiple islands.

CORE CAPABILITIES & OBJECTIVES

INFRASTRUCTURE SYSTEMS

Objective 1: Explore procedures and partnerships between local, state, Federal, and private sector stakeholders to collaboratively respond and restore energy sector services during a multi-hazard (cyber and severe weather) incident.

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Objective 2: Examine procedures for local, state, Federal, and private sector stakeholders to deliver required commodities and supplies for energy sector restoration following a severe weather incident impacting Air and Sea Ports of Debarkation.

OPERATIONAL COMMUNICATIONS

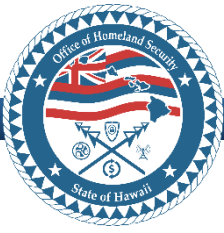
Objective 3: Examine procedures to reestablish communications networks during and following an incident impacting data networks and overall energy infrastructure in order to enable incident response and situational awareness.

OPERATIONAL COORDINATION



Objective 4: Identify how local, state, Federal, and private sector stakeholders will integrate and establish a coordinated response and recovery to a multi-hazard catastrophic incident that includes a cyberattack.

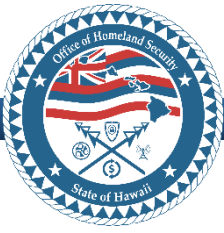
PUBLIC INFORMATION AND WARNING

Objective 5: Determine messaging priorities, requirements, and public notification channels and systems to use during a multi-hazard (cyber and severe weather) incident.





Overview

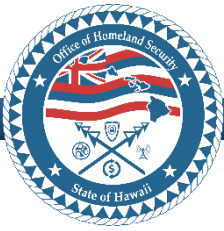
Module 1	Module 2	Module 3	Module 4
<ul style="list-style-type: none"> 0-48 Hours Post-Cyberattack 120-96 Hours prior to TS-Force Winds Hilo 	<ul style="list-style-type: none"> 96-Hours Post-Cyberattack 24-Hours prior to TS-Force Winds Hilo 	<ul style="list-style-type: none"> Days 1-20 Post-Landfall O'ahu 	<ul style="list-style-type: none"> Days 21-60 Post-Landfall O'ahu
 OT Impacts at 5 Power Plants in 3 Counties		Over 50% of customers across state without power	
ONG Business IT System Impacts		Honolulu Harbor Closed	Harbor Reopens
Discussion Themes <ul style="list-style-type: none"> Notifications Cyber-UCG activation Reporting and information sharing Supply chain, mutual aid, and resource requests Restoration priorities Public messaging 	Discussion Themes <ul style="list-style-type: none"> Industry, State, and Federal UCG coordination Pre-hurricane preparedness and material prepositioning Changes to public messaging 	 <ul style="list-style-type: none"> Cat 2 Moloka'i Land-fall Cat 3 O'ahu Land-fall Discussion Themes <ul style="list-style-type: none"> Industry, State, and Federal response priorities HETF role/mission Information sharing Generator and fuel prioritization Supply chain contingency plans 	Discussion Themes <ul style="list-style-type: none"> Changes to supply chain priorities as harbors reopen Bulk fuel priorities and distribution Changes to information sharing procedures and incident management structure



Overview

AREAS FOR IMPROVEMENT 12	 INFRASTRUCTURE SYSTEMS	5 OBSERVED STRENGTHS
PLANNING Dependency understanding Cyber recovery and mitigation funding Port resiliency for cyberattacks Permitting and easement issues Renewable infrastructure restoration Fuel consumption modeling		Third party contracts for cyber support Industry Cyber Mutual Assistance (CMA) State increasing OT capability Industry damage assessment procedures Campbell Industrial Park electricity generation
PERSONNEL Limited industry OT specialists in state Federal restrictions in OT support		
TRAINING Emergency proclamations Federal resources		
Equipment and Systems Equipment bypasses Petroleum terminal backup power		

AREAS FOR IMPROVEMENT 10	 LOGISTICS & SUPPLY CHAIN	3 OBSERVED STRENGTHS
PLANNING Alternate port options Fuel prioritization Crane replacement timeline Generator and retail fuel station database Contingency contracting		UCG supply prioritization Commodity pre-positioning State ESF #12 roles and responsibilities
PERSONNEL Security for laydown/staging areas		
TRAINING Emergency fuel requirements		
EQUIPMENT AND SYSTEMS Fuel prepositioning Laydown/staging areas Industry crew life support		



Overview

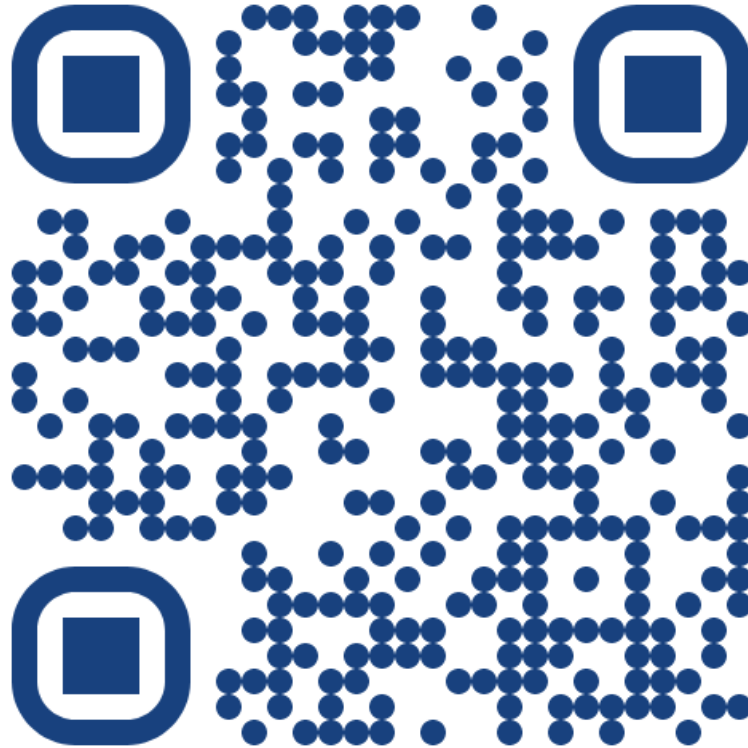
AREAS FOR IMPROVEMENT 4	 OPERATIONAL COMMUNICATIONS	2 OBSERVED STRENGTHS
EQUIPMENT AND SYSTEMS Industry WebEOC access Industry/DOE information sharing County EOC communications 3 AFI's		Industry coordination with Federal partners Satellite phones as part of PACE communications plan
EXERCISES, EVALUATIONS, AND CORRECTIVE ACTIONS Satellite phone tests and exercises 1 AFI		

AREAS FOR IMPROVEMENT 2	 PUBLIC INFORMATION & WARNING	3 OBSERVED STRENGTHS
ORGANIZATION AND LEADERSHIP JIC coordination with industry 1 AFI		Industry early messaging State Joint Information Center (JIC) establishment Early and focused county-level public messaging
PLANNING Industry messaging for OT impacts 1 AFI		

AREAS FOR IMPROVEMENT 10	 OPERATIONAL COORDINATION	9 OBSERVED STRENGTHS
PLANNING Public-private information sharing HETF roles and procedures State Energy Office notification Waiver process for reporting State/County Essential Elements of Information (EEl)s Catastrophic Hurricane Plan maintenance FEMA incorporation into Federal Cyber-UCG 7 AFI's		Industry reporting to State/DOE State Cyber-UCG roles Disaster Declaration coordination State response priorities Public/private coordination Federal resource requests DOE Unity of Effort/Message Calls Robust and practiced Federal and State UCGs Industry incident command
ORGANIZATION AND LEADERSHIP State and Federal Cyber-UCG relationship County EMA duplication of effort with other public/private entities 2 AFI's		
TRAINING Catastrophic Hurricane Plan critical tasks and roles 1 AFI		



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