COUNTY OF SAN DIEGO
PUBLIC SAFETY GROUP
OFFICE OF EMERGENCY SERVICES

Unified Disaster Council
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SAN DIEGO COUNTY RESILIENCE PROGRAM

"Make San Diego the most Resilient County in America"

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Key Takeaways

The Challenge

The growing frequency of acute shocks and chronic stressors threaten the prosperity of San Diegans and our way of life

Resilience: What & Why

Resilience: the ability to cope with adverse shocks and stressors, and adapt and learn to live with change and uncertainty

County Resilience Program

The CRP includes 3 components – Support to Planning, Engagement, and Review - designed to enhance Functional Threading and strengthen the community's ability to resist, rapidly recover, and adapt to complex challenges and uncertainty

Resilience Review Process

The RRP is a risk-driven assessment component of the CRP designed to identify capability, capacity and resource gaps in our approach to addressing issues that impact our community

A ***shock*** is a sudden event that impacts the vulnerability of the community and its components

A ***stressor*** is a long-term trend that undermines the potential and well-being of a community and increases the vulnerability of those within it

WHAT IS RESILIENCE & WHY DOES IT MATTER?

What

Resilience is the ability to resist, recover from, or adapt to the effects of acute shocks or chronic stressors and learn to live with changes and uncertainty

Why

Resilience gives the people and communities the strength they need to tackle problems head-on, overcome adversity, and survive and thrive in any situation

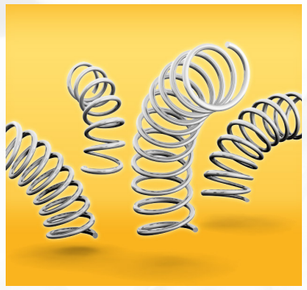
RESILIENCE AS IT RELATES TO CAPACITY

Resist

Withstand or absorb from sudden shock or chronic stressor

Prepare

Cope with temporary disruption while minimize the damages and costs from hazard



Recover

Restore or bounce back after an event

Adapt

Manage or maintain basic functions and structures to become suitable for future situation

Transform

Create opportunities to change the abilities to take advantage of an adverse situation

HOW TO ACHIEVE GREATER COMMUNITY RESILIENCE

"A resilient community is one where its citizens possess a level of preparedness and sense of security that enables them to thrive in the face of physical, social, and economic challenges."

VISION

A strong and sustainable San Diego County, capable of thriving in the face of physical, social and economic challenges.

PROBLEM

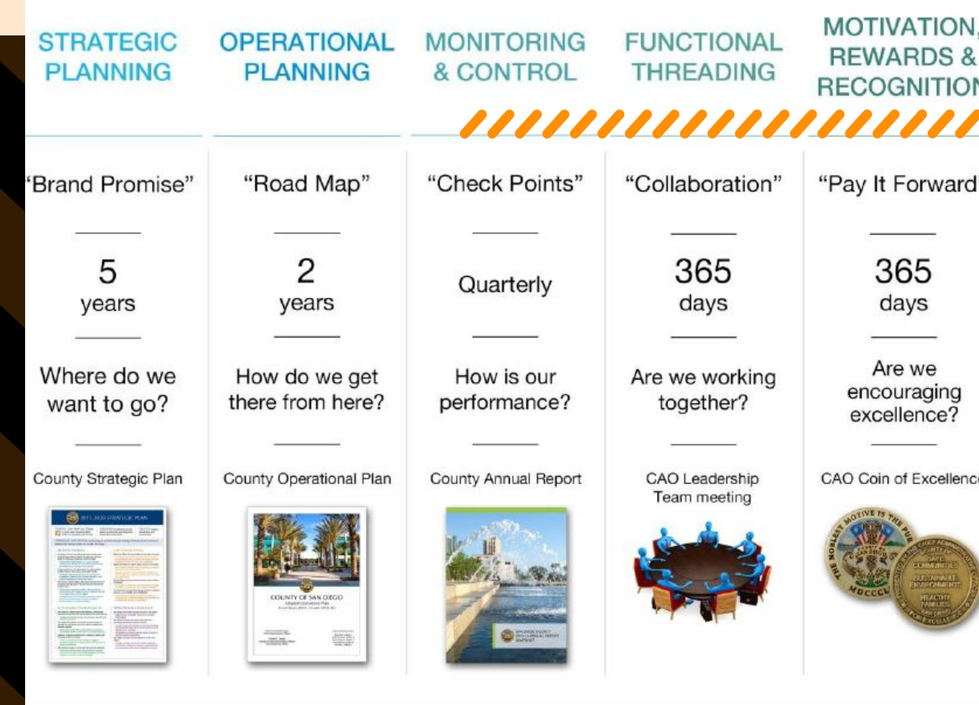
What specific and measurable actions can we take to enhance community resilience in the face of acute shocks and chronic stressors that place our community at risk?

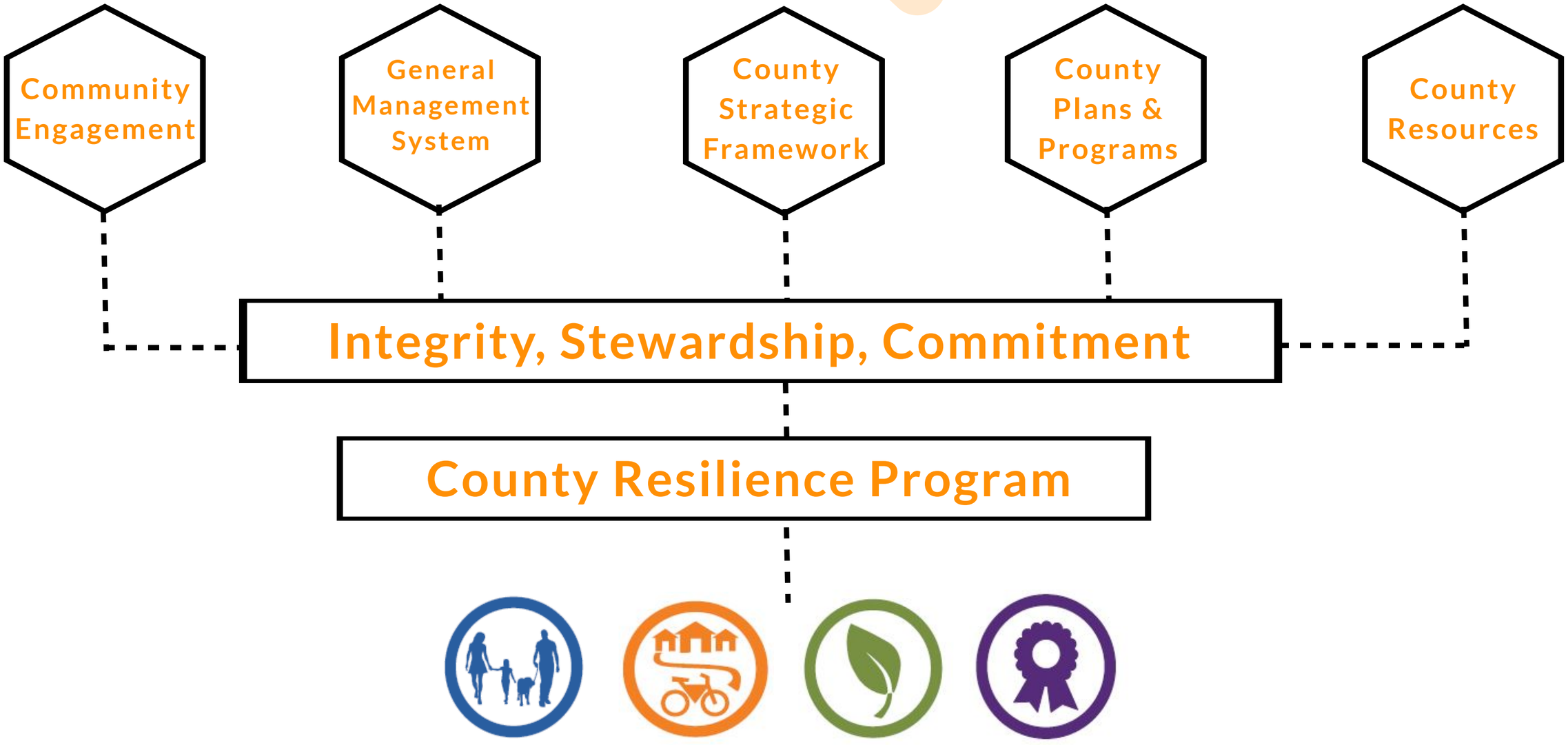
MISSION

Pursue actions that improve our community's ability to adapt and thrive to changing conditions and withstand and rapidly recover from shocks and stressors.

SAN DIEGO COUNTY RESILIENCE PROGRAM

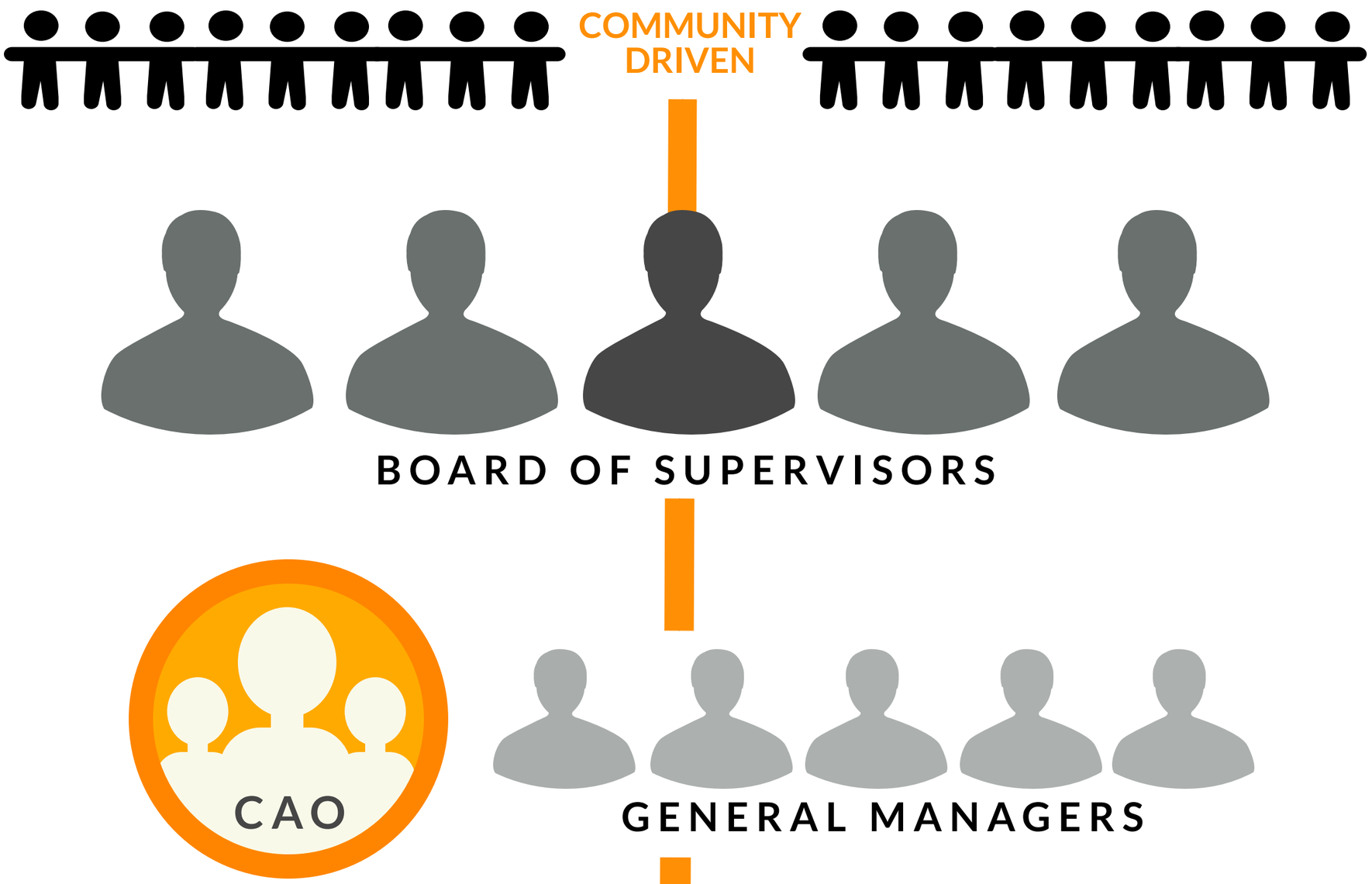
"Making resilience part of our DNA"





THE COUNTY RESILIENCE PROGRAM

The County Resilience Program is the "How To" in achieving greater community resilience. It is designed to enhance functional threading while championing County collaboration to solve problems, share information and leverage resources to improve resilience.



The CRP is community-risk driven, Board of Supervisors approved and County leadership supported; managed by the County's Chief Resilience Officer

RESILIENCE PROGRAM COMPONENTS

Planning

Engagement

Review

THE 5 STEP RESILIENCE REVIEW PROCESS

#1
THREAT & VULNERABILITY ASSESSMENT

#2
THREAT DETERMINATION & SELECTION

#3
PLANNING & ASSESSMENT

#4
REPORT DEVELOPMENT & RELEASE

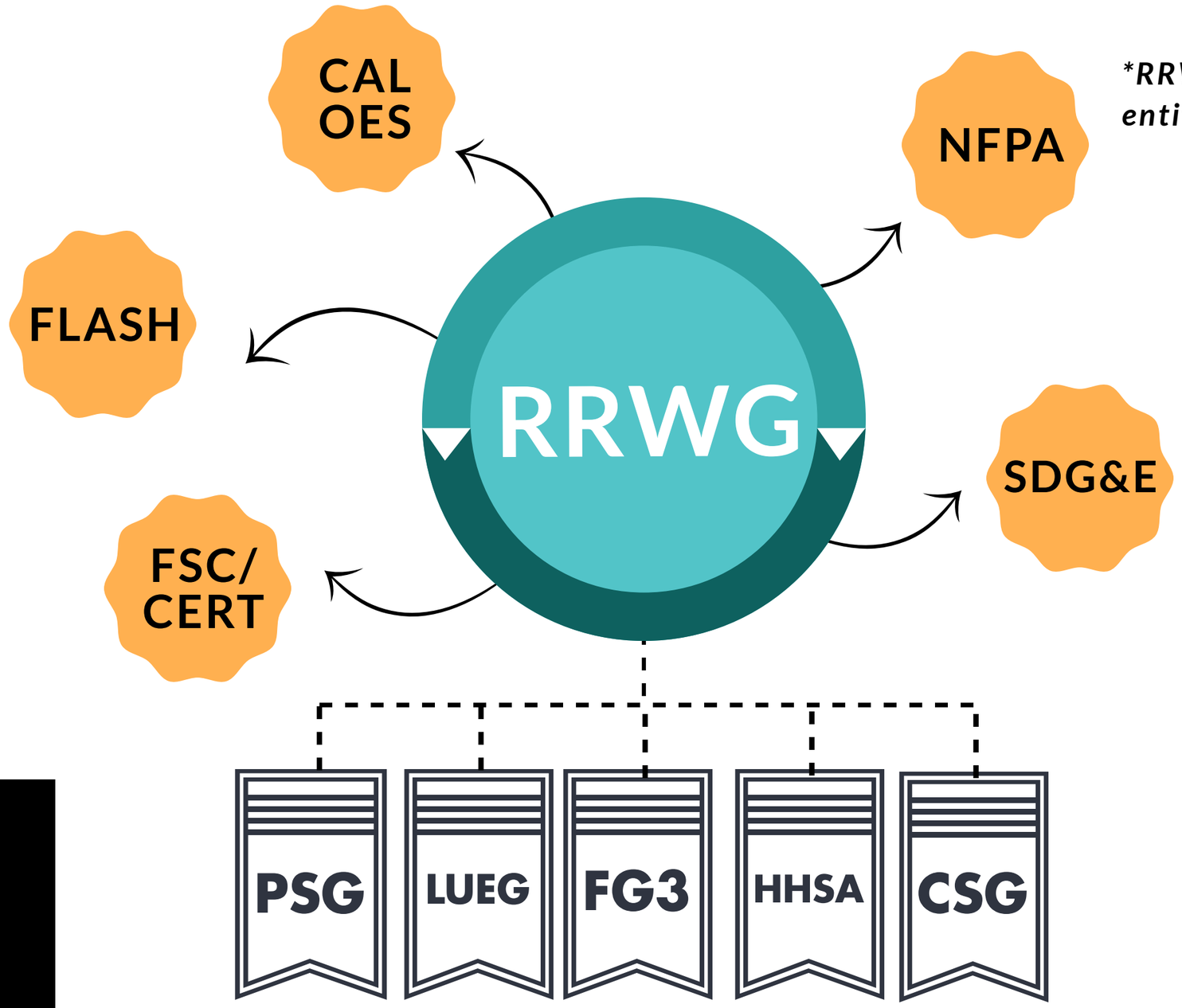
#5
TASK TRACKING & CLOSEOUT

RESILIENCE WILDLAND FIRE PILOT

#1	#2	#3	#4	#5
THREAT & VULNERABILITY ASSESSMENT	THREAT DETERMINATION & SELECTION	PLANNING & ASSESSMENT	REPORT DEVELOPMENT & RELEASE	TASK TRACKING & CLOSEOUT

WILDFIRE

Resilient Review Working Group



**RRWG engages with multiple outside entities*

**DCAOs provide expertise, oversight and accountability*

- Comprised of wildfire risk SMEs
- Analyzes functional aspects of wildfire resiliency
- Receives planning direction from CRO
- Provides staff estimates and recommendations via Resilience Review Report

RRWG: Objectives & Tasks

Objectives

- Develop and implement a cohesive pre-fire strategy
- Enhance and strengthen fire safety in new construction
- Reduce loss from wildfires in existing structures
- Enhance pre-fire vegetation management
- Improve pre-fire emergency planning and technology

Tasks

- Standardize priorities among the 37 Fire Safe Councils
- Implement changes through adoption of 2019 CA Fire Code
- Establish County grant program to fund contracted install of ember resistant vents
- Locally fund high priority projects through use of CAL FIRE or contract crews
- Complete Wildfire Pre-Plans for all at risk communities

RESILIENCE WILDLAND FIRE PILOT

#1	#2	#3	#4	#5
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WILDFIRE

Resilient Report Development & Release

APPENDIX A: RESILIENCE REVIEW REPORT TEMPLATE

Table of Contents

Executive Summary..... Pg X

Introduction: What the County Faces..... Pg X

Recommendations and Supporting Findings..... Pg X

Moving Forward: A Call to Action..... Pg X

Appendix A: Acknowledgements..... Pg X

Appendix B: Study Methodology..... Pg X

Appendix C: Key Definitions..... Pg X

Appendix D: Government Authorities, Processes, and Roles..... Pg X

Appendix E: Individual and Community Preparedness Efforts..... Pg X

Appendix F: Lessons Learned..... Pg X

Appendix G: References..... Pg X

About the Resilience Review Working Group (RRWG)

The County Administrative Officer's RRWG is composed of select subject matter experts from within the county government who have expertise in specific threat areas that pose great risk to the County and its citizens.

Led by the County's Chief Resilience Officer, the RRWG conducts in-depth assessments of physical, social, and economic vulnerabilities and their associated risks to the County. As part of this assessment, the RRWG recommends specific solutions to help remedy vulnerabilities in the form of capability, capacity, and resources gaps.

The RRWG facilitates informed and proactive decision making by County leadership in order to manage community risk making San Diego County the most Resilient County in the Nation.

1

APPENDIX A: RESILIENCE REVIEW REPORT TEMPLATE

Executive Summary

The growing frequency of acute shocks from natural disasters and the chronic stressors from social challenges, combined with the complexity and interdependence of our society, threaten the prosperity of San Diego County and our way of life. It is for this reason that the County developed and implemented a comprehensive resilience program that addresses these challenges. The County Resilience Program (CRP) aims to ensure county government remains proactive and well-integrated in its approach to achieve its strategic Live Well initiatives of Building Better Health, Living Safely, and Thriving.

The key enabler to the assessment component of the CRP is the Resilience Review Process (RRP). The RRP is a risk-driven assessment process designed to identify capability, capacity, and resource gaps in the County's approach to proactively reduce risks associated with acute shocks and chronic stressors that affect the community, predominately within the unincorporated areas.

The County Administrative Officer's Resilience Review Working Group (RRWG) was tasked to examine the community's resilience to the constant threat of XXXX. Simply put, what specific and measurable actions can the County government take to enhance community resilience in the face of **XXXX**.

After an in-depth review and assessment of existing County plans, programs, projects and other pertinent materials, the RRWG found that multiple gaps exist in addressing vulnerabilities associated with **XXXX**. (*Add specifics here*) Although these gaps must be addressed, the RRWG also found that the County overall, is performing activities that greatly enhanced the community's resilience to **XXXX**.

About XXXX (Wildfires example)

- *Unlike most natural disasters, wildfires are often started by people*
- *On average, more than 100,000 wildfires clear 4 million to 5 million acres of land in the U.S. every year*
- *Uncontrolled blazes fueled by weather, wind, and dry underbrush can burn acres of land—and consume everything in their paths—in mere minutes*
- *A wildfire moves at speeds of up to 14 miles an hour – a human in peak shape can run from 10 to 15 miles an hour*
- *Naturally occurring wildfires return nutrients to the soil by burning dead or decaying matter and act as a disinfectant, removing disease-ridden plants and harmful insects from a forest ecosystem*

Recommendations

The County should respond to these vulnerability gaps in X number of ways: 1) (highlight ways here)

There are a number of on-going initiatives that are in line with recommendations made by the RRWG that should be sustained.

Recommendations Overview

(Graphic here)

2

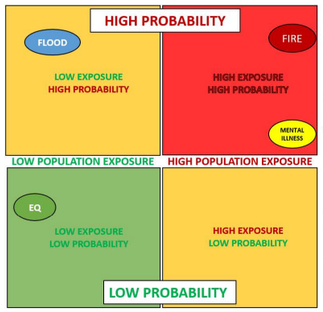
APPENDIX A: RESILIENCE REVIEW REPORT TEMPLATE

Next Steps

The RRWG recommendations in this report provide a path forward to enhance the community's resilience to wildfires. Objective and task accomplishment require a whole community approach and strong public-private collaboration. Subsequent to the CAO's approval of the RRWG recommendations, the Chief Resilience Officer (CRO) will provide a quarterly update on objective and task accomplishment, and an overall assessment of the community's resilience to wildfires. The CRO will also highlight any significant barriers to implementation as well as "best practices" worthy of communication within and outside the Region.

Introduction: What the County Faces

The growing frequency of acute shocks from natural disasters and the chronic stressors from social challenges, combined with the complexity and interdependence of our society, threaten the prosperity of San Diego County and our way of life. A *shock* is a sudden event that impacts the vulnerability of the community and its components. A *stressor* is a long-term trend that undermines the potential and well-being of a community and increases the vulnerability of those within it. Vulnerability is tied to the level and probability of being exposed to shocks and stressors.



XXXX continues to be the most prevalent and costly acute shock / stressor facing the County especially in the unincorporated areas. Add stats / background here as depicted in the quad chart, the magnitude of potential consequences of a **XXXX,** the likelihood of these consequences to occur and how they require a dedicated, whole community approach to combating the deadly threat.

Resilience Review Working Group Task

On XX, the CAO tasked the RRWG was tasked to examine the community's resilience in the face of **XXXX**. Simply put, what specific and measurable actions can the County government take to enhance community resilience in the face of **XXXX**. The CAO also provided initial planning guidance to indicate that the resilience review be focused on the unincorporated areas.

3

- Resilience Report highlights the selected threat, existing resilience gaps, and recommended actions to mitigate gaps
- Draft report reviewed and concurred by key stakeholders and County leadership
- Final report approved by CAO

RESILIENCE WILDLAND FIRE PILOT

#1	#2	#3	#4	#5
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WILDFIRE

Task Tracking & Closeout

RRP 1-19 WILDFIRE

TASK EVALUATION AND ASSESSMENT UPDATE

REPORT: 2	TOTAL TASKS	17	TASKS COMPLETED	10	59%
RRP REPORT: 1-19			TASKS IN PROGRESS	4	24%
DATE: 9-1-2019			TASKS DELAYED	3	18%

				REMARKS
OBJECTIVE 1:			1/3	
TASKS	1.1	Clear 6 sectors Debris along complex drive and Topaz way		
	1.2	Meet with all fire safe councils in CSA 135		
	1.3			
OBJECTIVE 2:			1/4	

- Routinely track tasks and update County leadership on progress
- Formal closeout of Resilience Review Report subsequent to the satisfactory accomplishments of all tasks

Thank you.

Questions?

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