

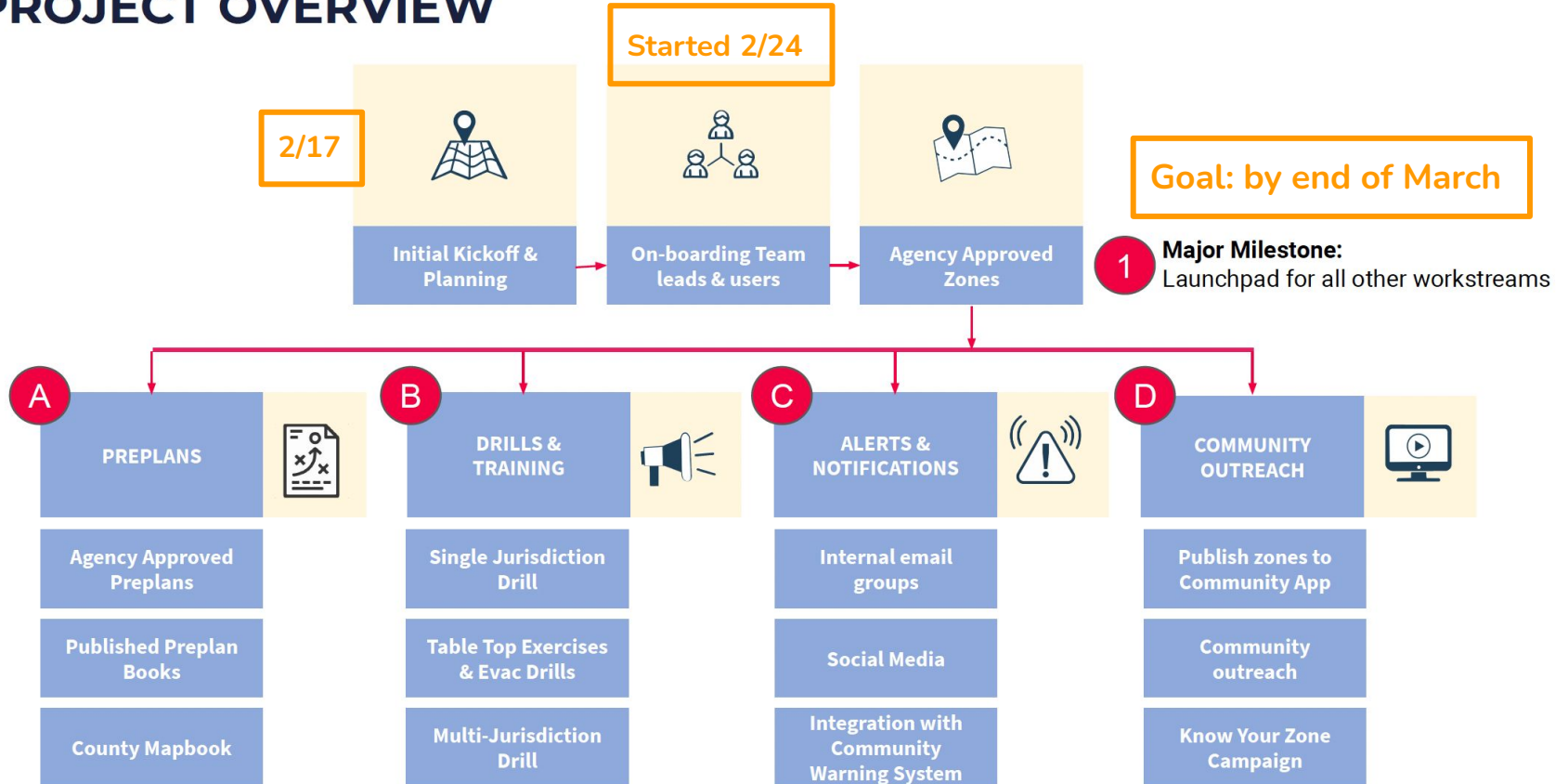
Evacuation Risk Assessment

February 25, 2021 update to MWPA Operations Cmte

Charlotte Jourdain, MPP, PhD
chajoumar@icloud.com

Zonehaven: To Prepare, Train for and Manage a Live Evacuation

PROJECT OVERVIEW





Multi-agency team leads:

MULTI-AGENCY TEAM	CITY	Fire	Law
XMR-01	NOVATO	Dmitri Menzel	Jim Correa
XMR-02	SAN RAFAEL	Darrin White	Roy Leon
XMR-03	CENTRAL MARIN	Dan Mahoney	Hamid Khalili
XMR-04	SOUTHERN MARIN	Tom Welch	Rick Navarro
XMR-05	WEST MARIN	Chris Martinelli	Craig Scardina



Risk Assessment:

- Presentation to DPW Directors on 2/18
 - Draft RFP for DPW review by March 2nd
 - Hoping for additional data on roads and intersections conditions
- Waiting for MTC to clarify availability of StreetSaver data

- Zonehaven & TAM discussion today 2/25
 - For immediate integration into Zonehaven:
 - Number of traffic lanes
 - Volume to capacity ratio
 - Modified population counts based on observed patterns
 - Observed speed patterns
 - TAM DM model also available for more in-depth scenario building through Risk Assessment

- RFP release end of April



Agency or Organization	Data source(s)
Marin County Fire Department	Community Wildfire Protection Plan and data sources used within
Marin General Services Authority	MarinMap GIS project
County of Marin	Marin GeoHub Includes GIS maps of schools, libraries and other areas of temporary refuge, fire service providers, parcel and address map, bus routes and transit hubs, bike paths, etc.
OneTam (all Marin Land Agencies)	Vegetation map and landscape database project
Transportation Authority of Marin	TAMDM TAM Traffic Count (observed)
Metropolitan Transportation Commission	StreetSaver - road width and pavement condition, other?
Caltrans	tbd
Marin County DPW and other local DPWs	tbd
OES	Everbridge alert subscriptions CDC Social Vulnerability Index Electricity Dependent DME Population, AFN, DME, SVI and PSPS tool Marin Healthcare facilities and community care locations (excel spreadsheets with addresses)
Fire Safe Marin	Firewise Community locations also available in a KML file
Parking enforcement divisions	Areas with significant non-compliance