



Department of
Toxic Substances
Control

SB 673 Community Informational Webinar

July 2021



Remote Participation Guidelines

Remote format: Remote webinars can be challenging and frustrating – please be patient and flexible.

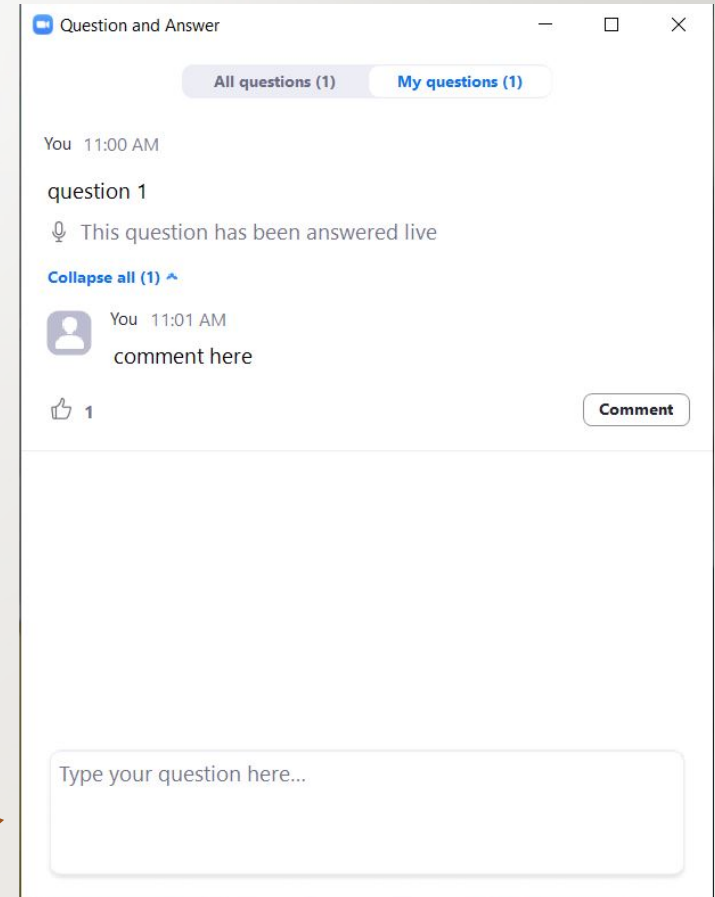
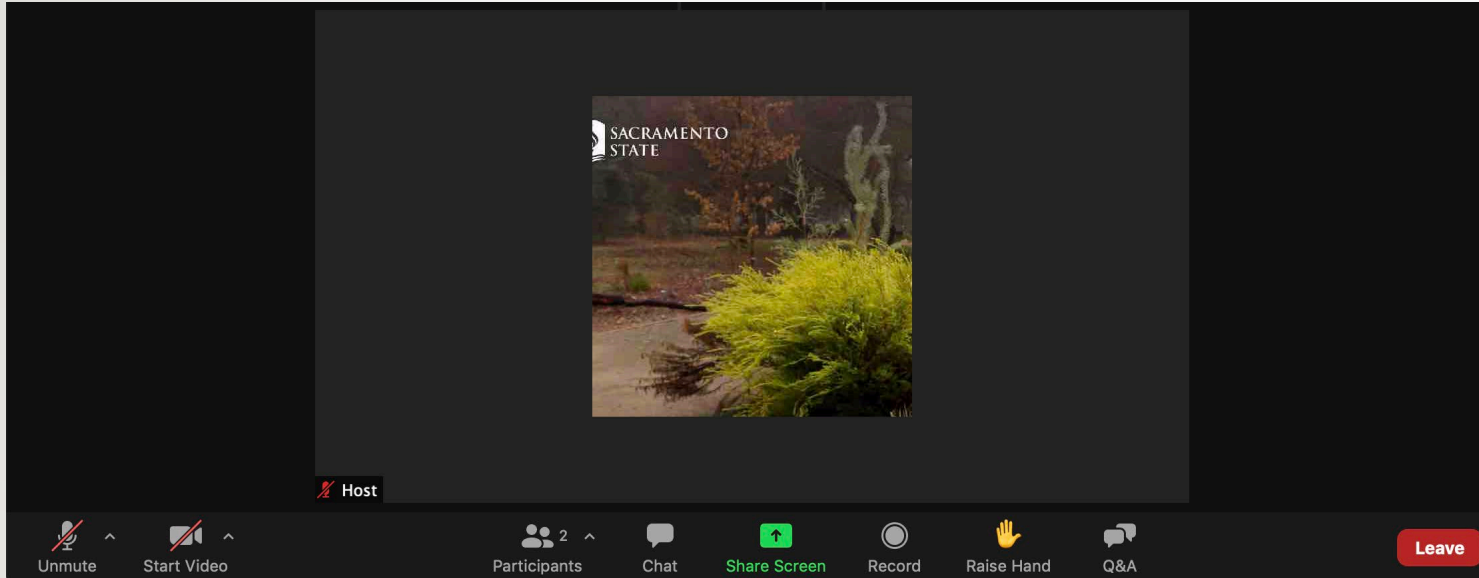
Audio/Video: As a courtesy to all participants, please only have your mic and video on while you're speaking.

Participation:

- ✓ Q&A Panel
- ✓ Hand raise function
- ✓ Comment period

Interpretation and Spanish version of the PowerPoint

Using the Q&A Panel



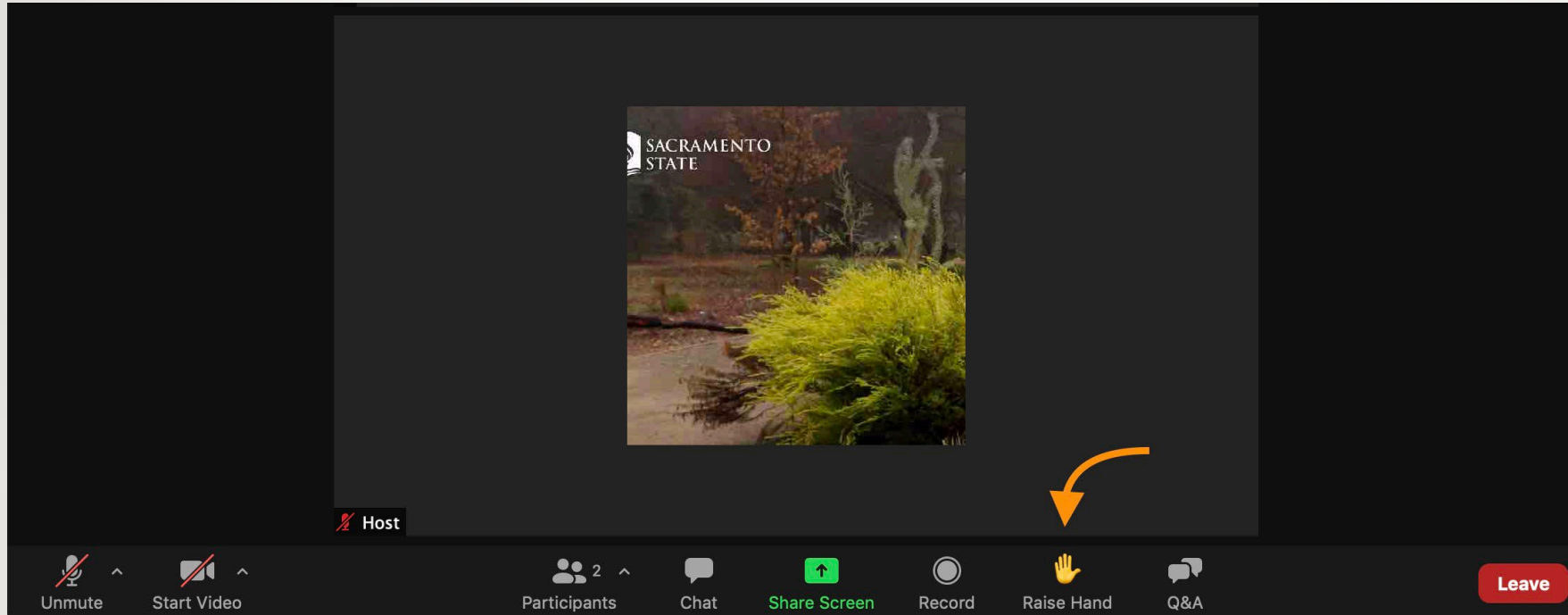
Open the Q&A panel



Add a question to the list



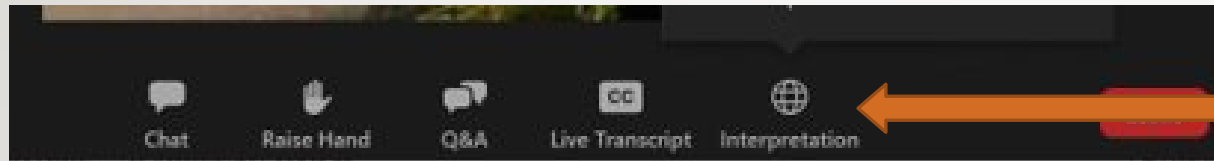
Use the Handraise Function



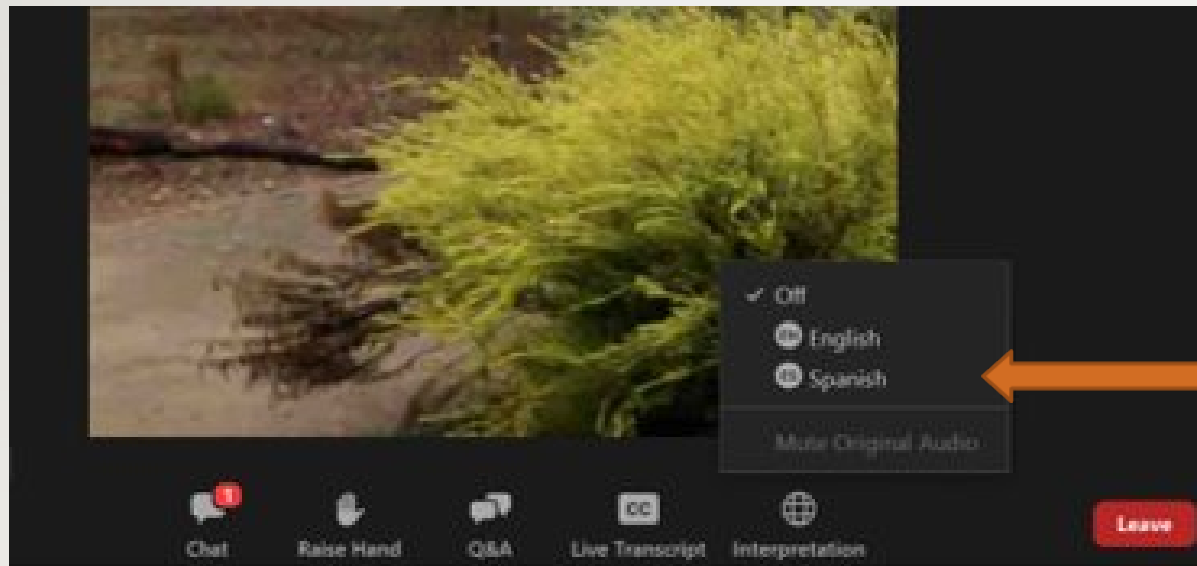
Please be concise to ensure we have time to hear from all participants



Access Live Interpretation



1. Open the Interpretation Panel



2. Choose "Spanish"



Webinar Purpose

Inform and orient stakeholders and community members about the recently released SB673 framework to address community impacts and community vulnerability as part of the permitting process.



Welcome and Opening Remarks

Francesca Negri
Chief Deputy Director



Rizgar Ghazi,
Hazardous Waste
Management Program
Deputy Director

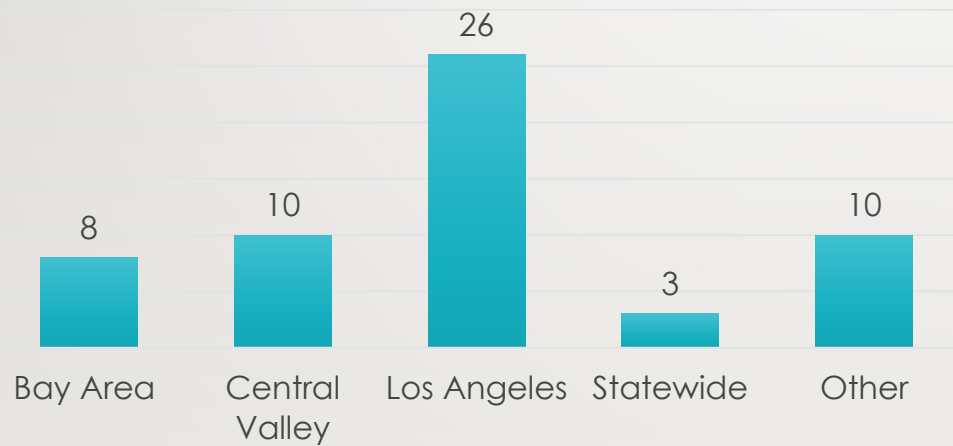


Webinar Agenda

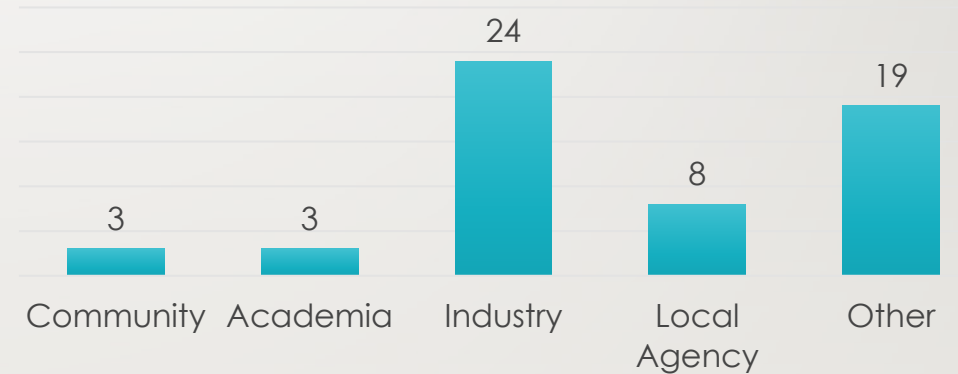
- Welcome and Opening Remarks
- Toxics in California- Presentation and Q&A
- The DTSC Permitting Process – Presentation and Q&A
- Short Break
- SB673 Framework to address Community Vulnerability and Cumulative Impacts – Presentation and Q&A
- Next Steps and Wrap Up
- Adjourn

Community Introductions

Where are you joining from?



What perspective do you represent?



– Thank you for joining us!



Toxics in California

Evelia Rodriguez

Senior Hazardous Substances Engineer

DTSC





There are 40 million residents in California



DTSC

- Committed to protecting California's people, communities, and environment from toxic substances
- Our role as regulators
 - Enforce hazardous waste laws & regulations
 - Cleanups of hazardous waste & contaminated properties
 - Protect consumers against toxic ingredients in everyday products
 - **MAKE DECISIONS ON PERMIT APPLICATIONS (SB 673)**

Californians
Generate
Hazardous Waste



What is Hazardous Waste?

- Waste with properties that make it potentially dangerous or harmful to human health or the environment
 - Can be liquids, solids, or contained gases
- Universe of waste is diverse & large
- Everyone generates hazardous waste



Fires, Cleanups, Amusement Parks





Treated Wood



Medicines, Mercury Products, & Solvents





Compressed Gas, Pesticides, Fireworks, Batteries



Audience Poll



How many pounds of hazardous waste does each California resident generate in one year?

- 29 lbs.
- 62 lbs.
- 88 lbs.
- 113 lbs.

Californians generate 4.5 billion pounds of hazardous waste per year

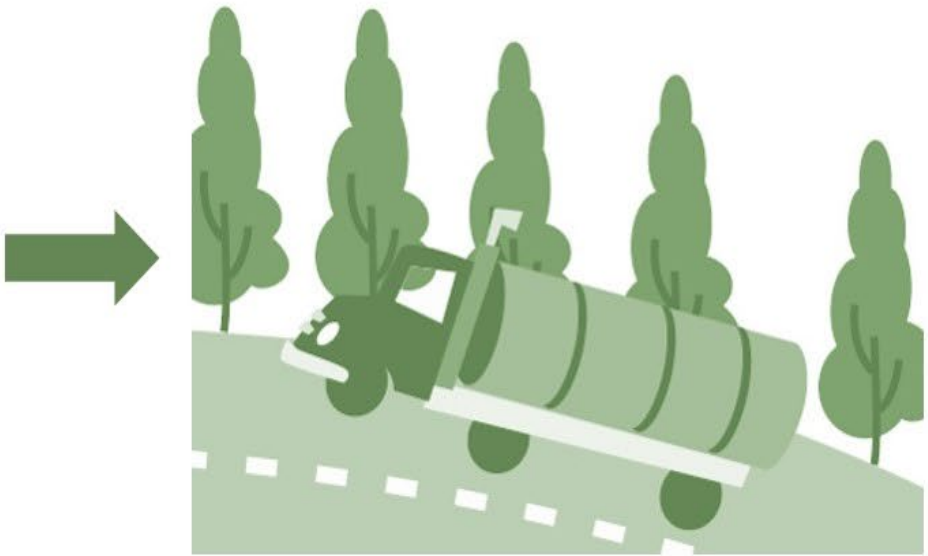


Hazardous Waste Has to go Somewhere

Hazardous Waste Generation



Hazardous Waste Transportation



Recycling



Treatment



Disposal



Q&A – Toxics in California
Please use the **Q&A Panel** to post or
use the **hand raise** to speak

The DTSC Permitting Process

Gary Hammond

Senior Hazardous Substances Engineer

DTSC



DTSC Authority

- ✓ Hazardous waste facility permit required for any person who stores, treats or disposes of hazardous waste
- ✓ DTSC Permitting Division responsible for administering the Hazardous Waste Facility Permitting Program

Overview of Hazardous Waste Activities in California

Generators
(50,000 - 100,000)

Includes large and small businesses such as gas stations, dry cleaners, metal finishers, and auto body shops

CUPA regulated

Transporters (1,000+)
DTSC regulated



Permitted Facilities (75+)

Storage & Transfer
Treatment & Recycling
Disposal

DTSC regulated

Please note post-closure facilities are excluded from the count of 75+ permitted facilities.



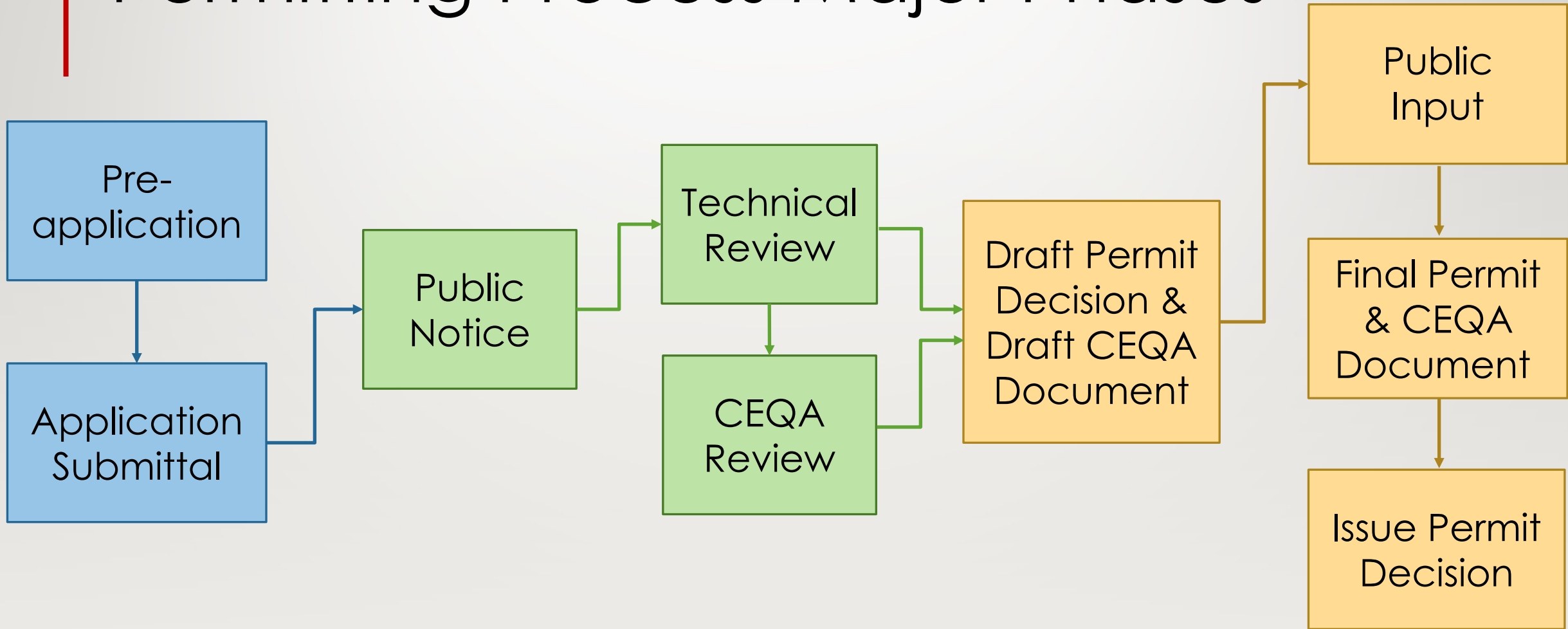
What is a Permit?

- ✓ Gives authorization to treat, store, handle or dispose of hazardous waste
- ✓ Permission for Hazardous Waste-related activity includes:
 - Allowance to treat, store, transfer, or dispose of hazardous waste
 - Comprehensive description of facility
 - Closure plans and financial assurance for closure
- ✓ Enforceable document for inspectors
- ✓ Renewed every 10 years

Permitting – Core Activities

- Review permit applications
 - New permits
 - Permit Renewals
 - Permit Modifications
 - Emergency Permits
- Prepare and Issue Approved Permits or Denials
- Assist:
 - Regulated industry on permitting
 - DTSC enforcement

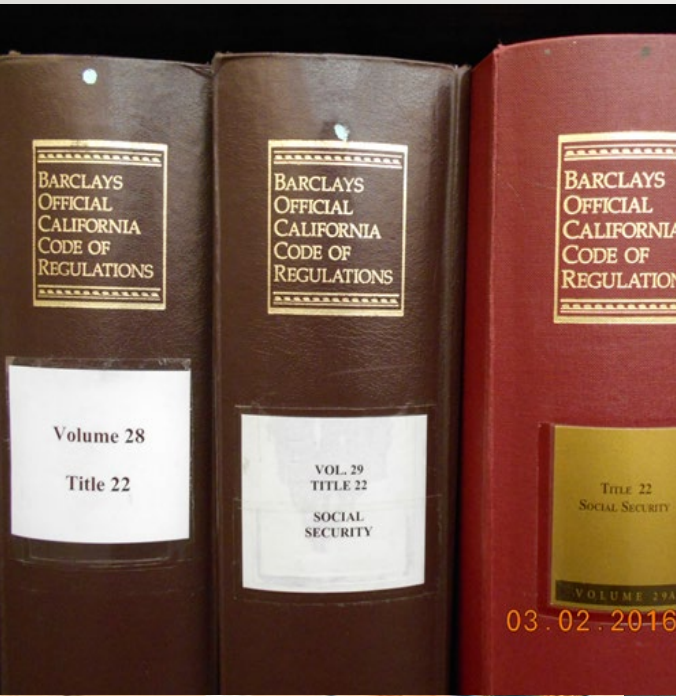
Permitting Process Major Phases



Starts
with the
Facility



Application Review



Correction of Deficiencies



Design



Operation



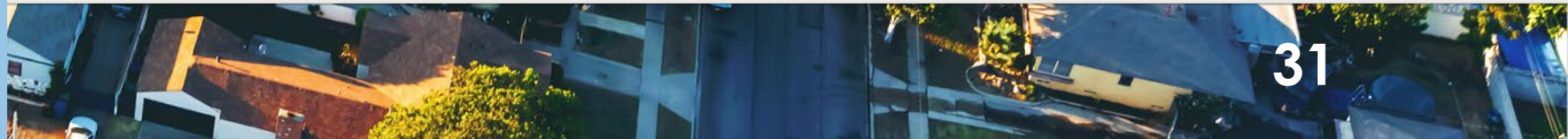
Safety



Compliance with
regulations



Missing information



Soliciting Input

Public and Stakeholders

- Community Survey & Community Assessment
- Environmental Justice review for health and environmental impacts

Government to Government

- Tribal consultation if applicable

Draft Permit

Application

Compliance History

California
Environmental
Quality Act (CEQA)

Violation Scoring
Procedures (VSP)
Score



DESCRIPTION OF
FACILITY



DEFINE ALLOWED
WASTE STREAMS
AND WASTE
CODES



PERMIT
CONDITIONS



CORRECTIVE
ACTION
REQUIREMENTS



PLOT PLAN
OF FACILITY



Public Review

45-day public comment period

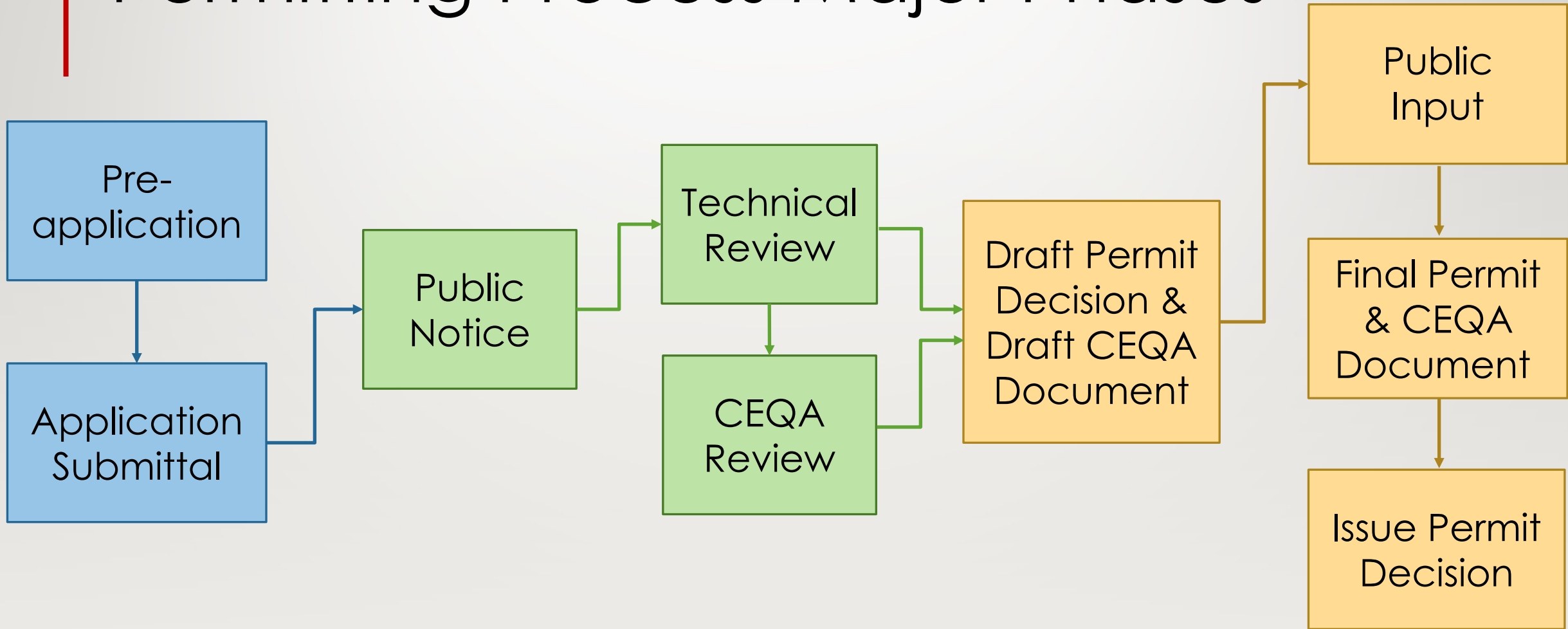
Public hearing

Response to comments

Final Decision



Permitting Process Major Phases



Q&A – DTSC Permitting Process

Please use the **Q&A Panel** to post or
use the **hand raise** to speak

Short Stretch Break



SB673 Framework to address Community Vulnerability and Cumulative Impacts

Diana Le

Senior Environmental Scientist

DTSC



In California, more than half of permitted hazardous waste facilities are located within one-half mile of areas that are considered disadvantaged.

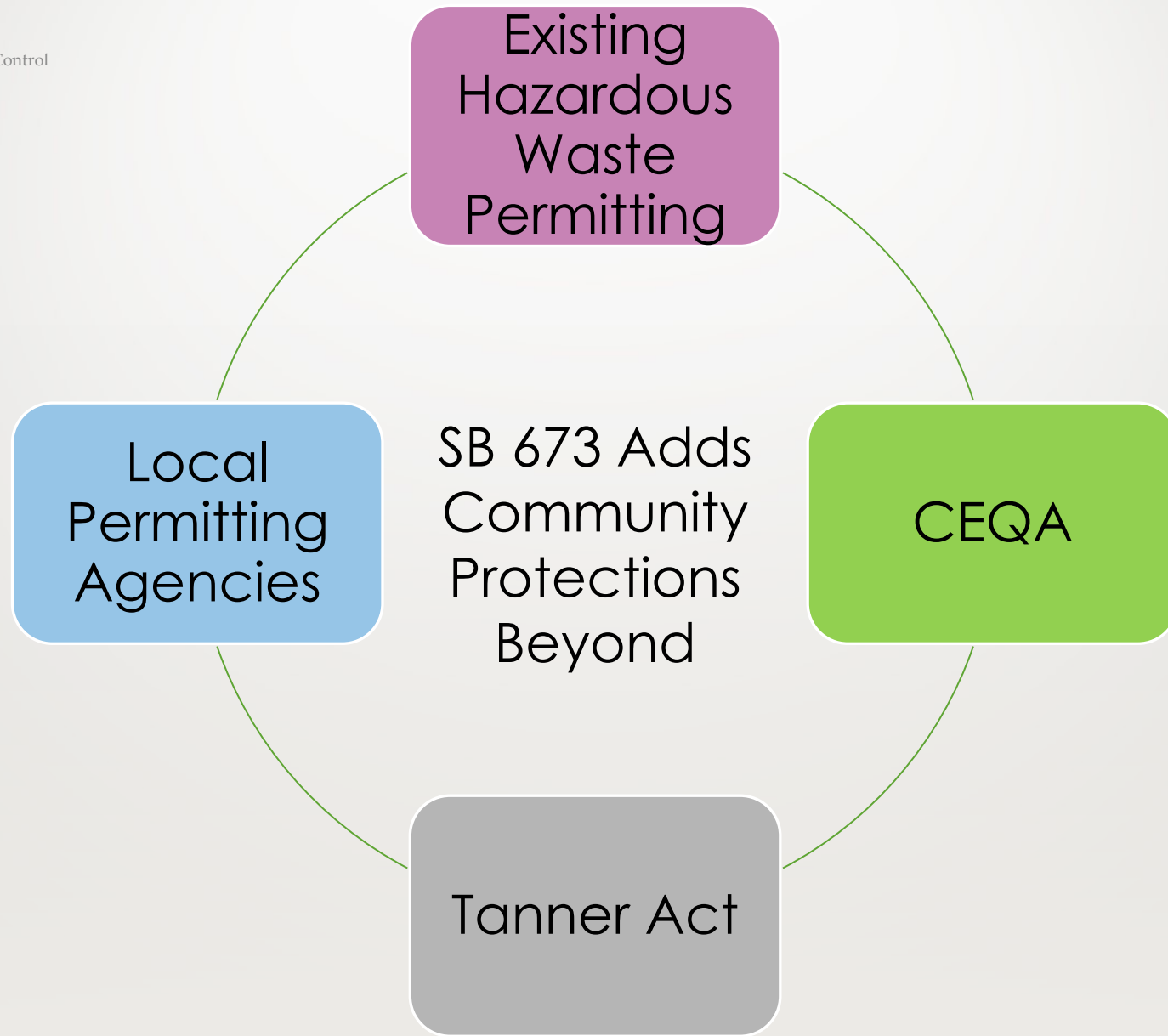
-Senate Bill 535



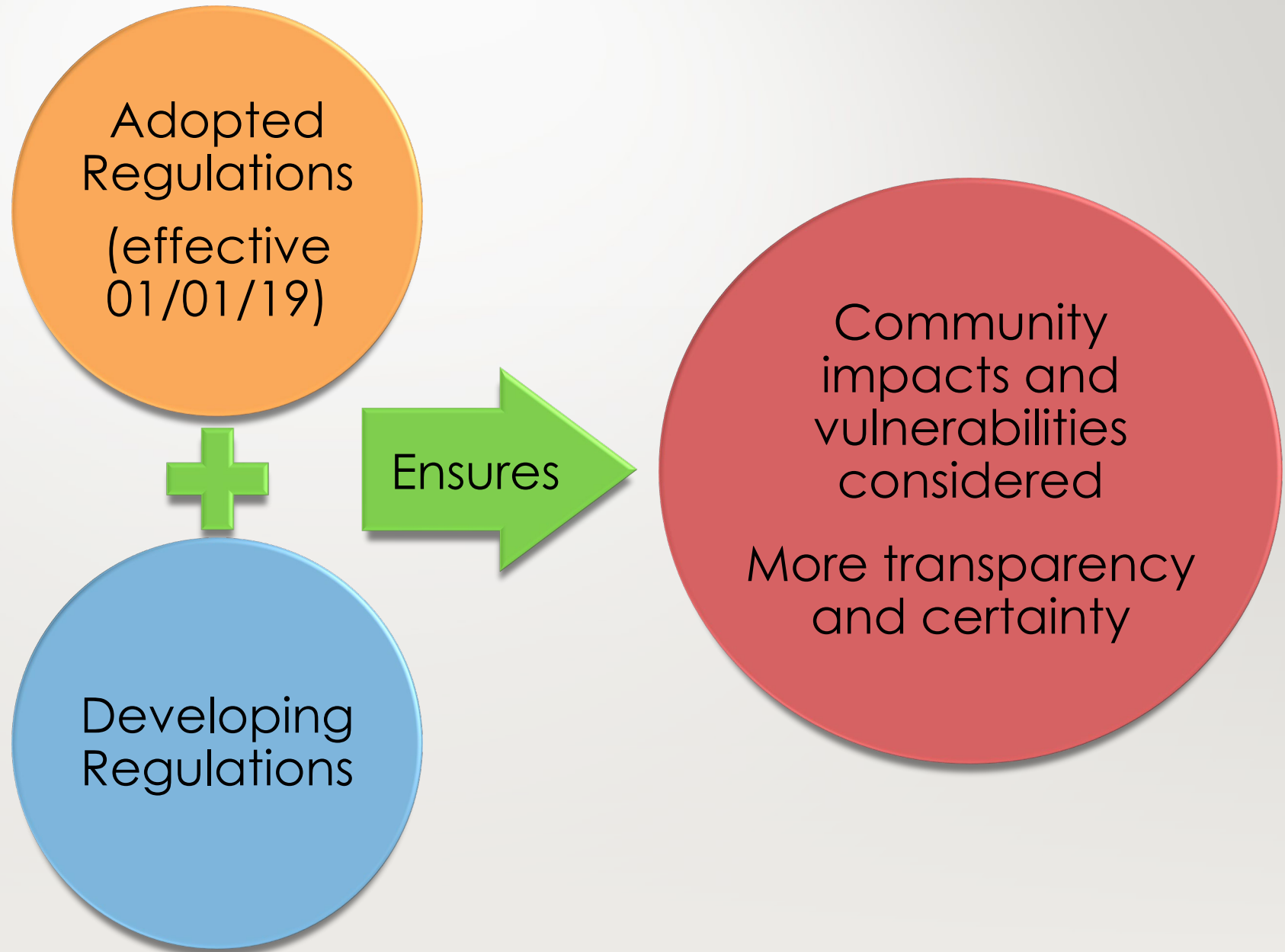
Senate Bill (SB) 673

- New criteria for the issuance of a new or modified permit or permit renewal
- Allows for DTSC to address the existing health risks to communities near facilities handling hazardous waste.

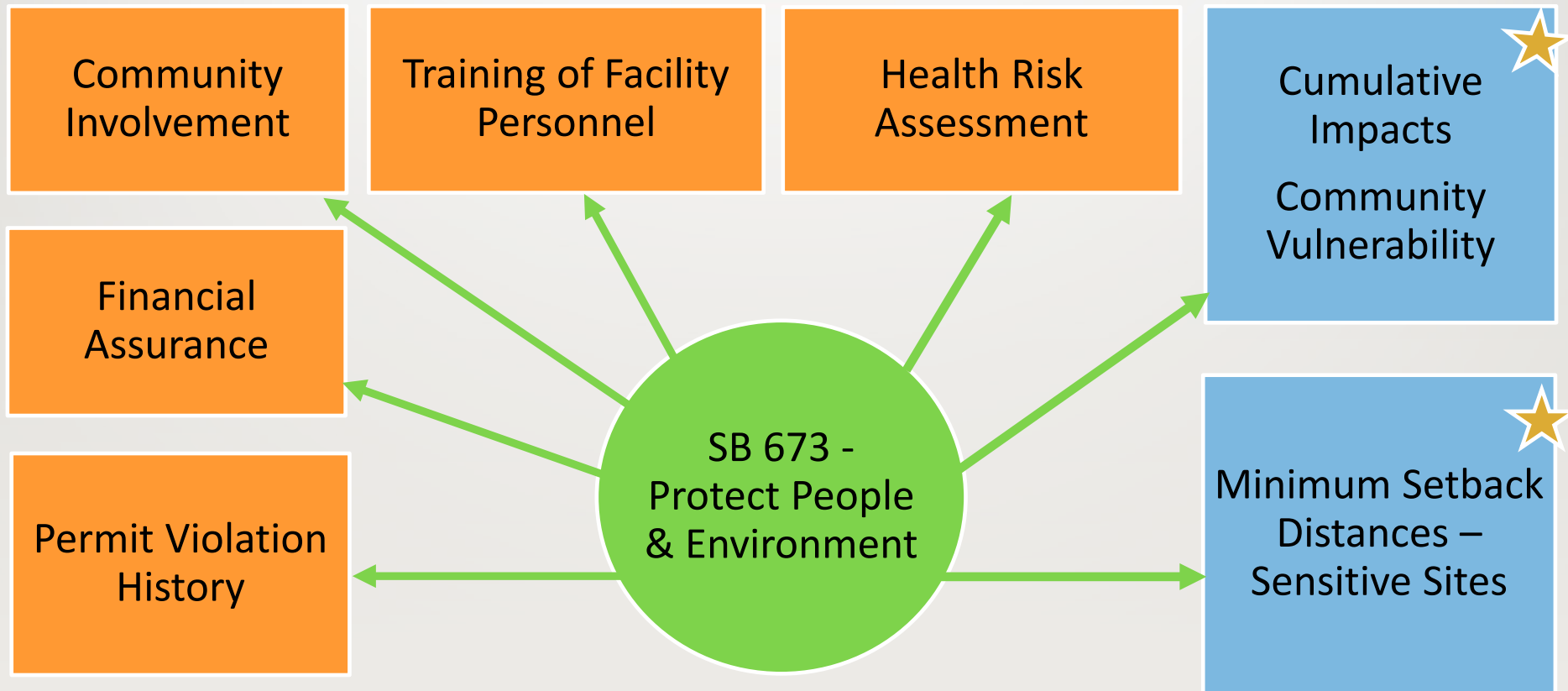




DTSC
has been
strengthening the
permitting process



Permit Protections for Vulnerable Communities



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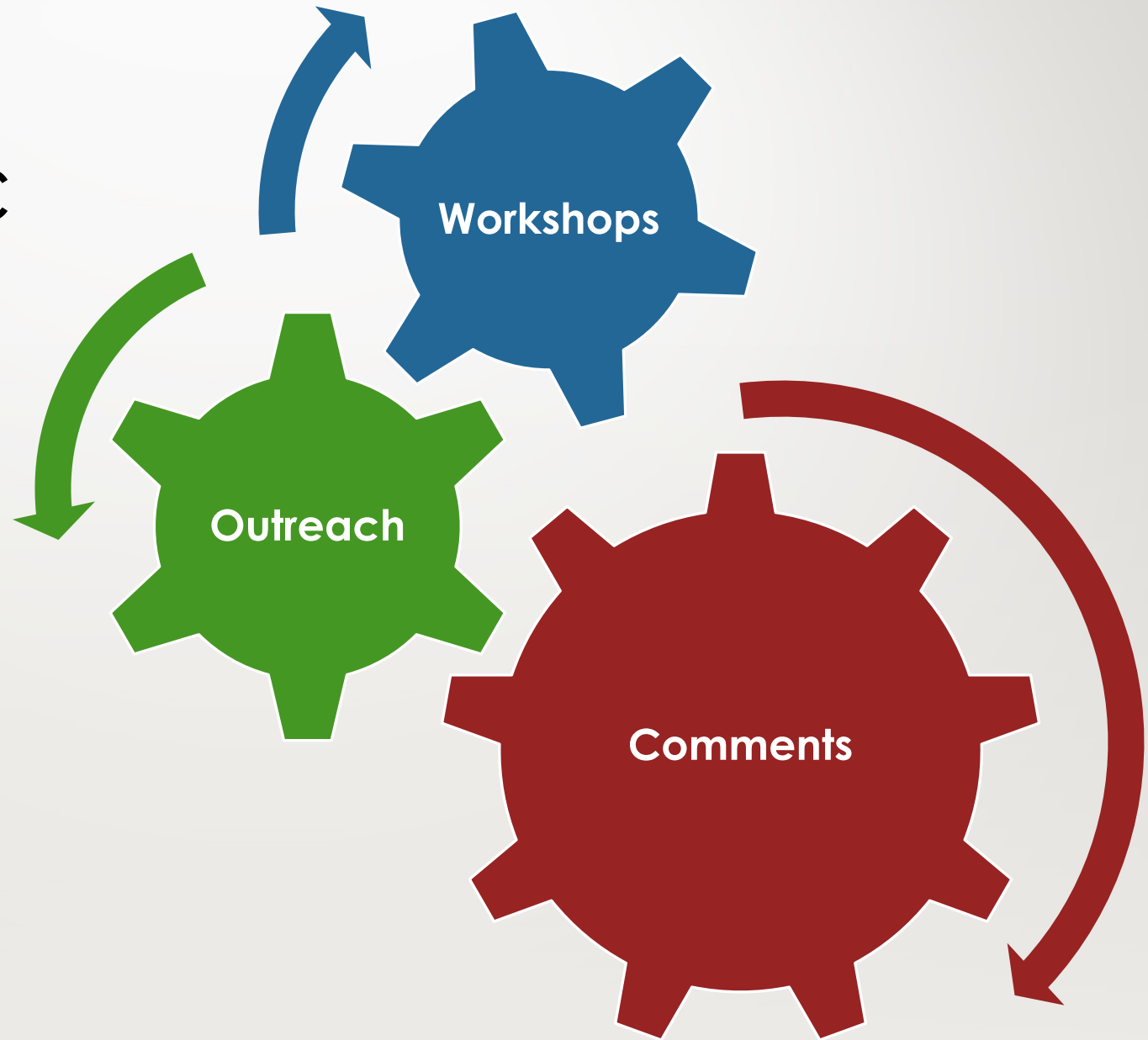
Storage & Transfer
Treatment & Recycling
Disposal

DTSC regulated

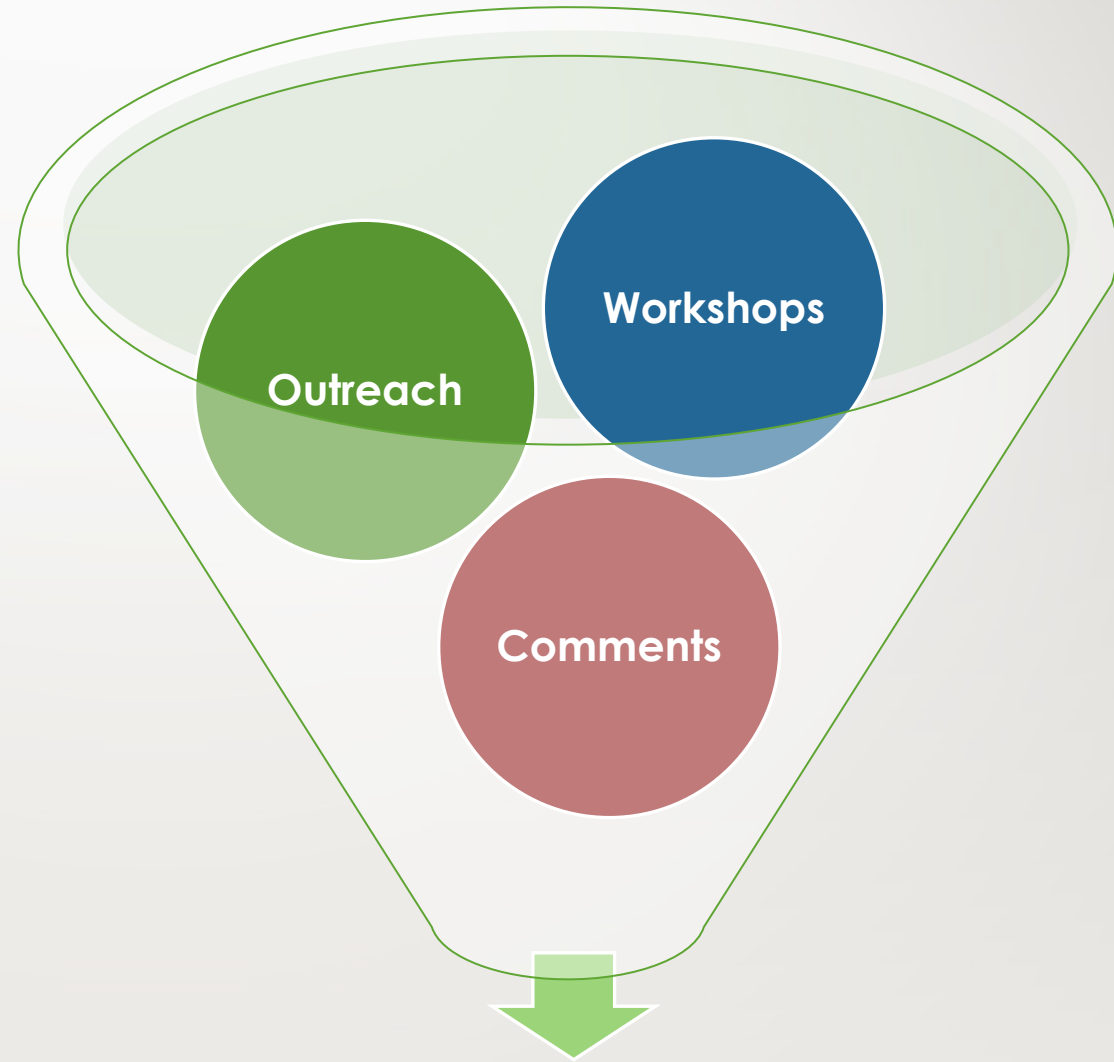


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SB 673 Public Outreach



Incorporating Public Input



Revised Draft Framework Proposal



Comments Addressed

Improving public participation & involvement

Section IV, page 22

Hazardous waste facility pathway tiers

Section IV, page 32

Permit denial

Section IV, page 46

Cumulative impacts (Site specific)

Sections III & IV

What does this mean?



Community
vulnerability



Cumulative
impacts



Minimum setback
distances



Community Vulnerability

Combined effects of factors in a community that increase the potential for residents to experience impacts from pollution sources.



Asthma



Cardiovascular
Disease



Low Birth
Weight



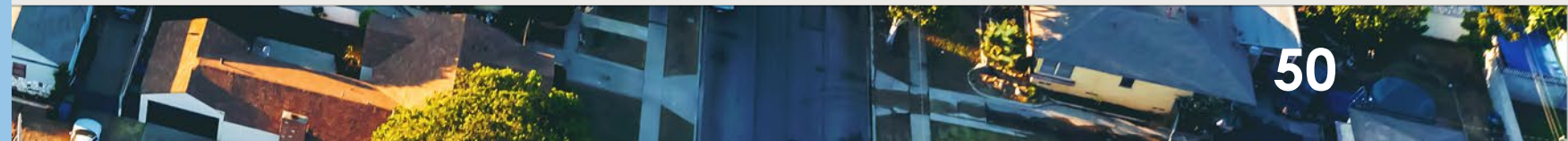
Housing
Burden



Educational
Attainment

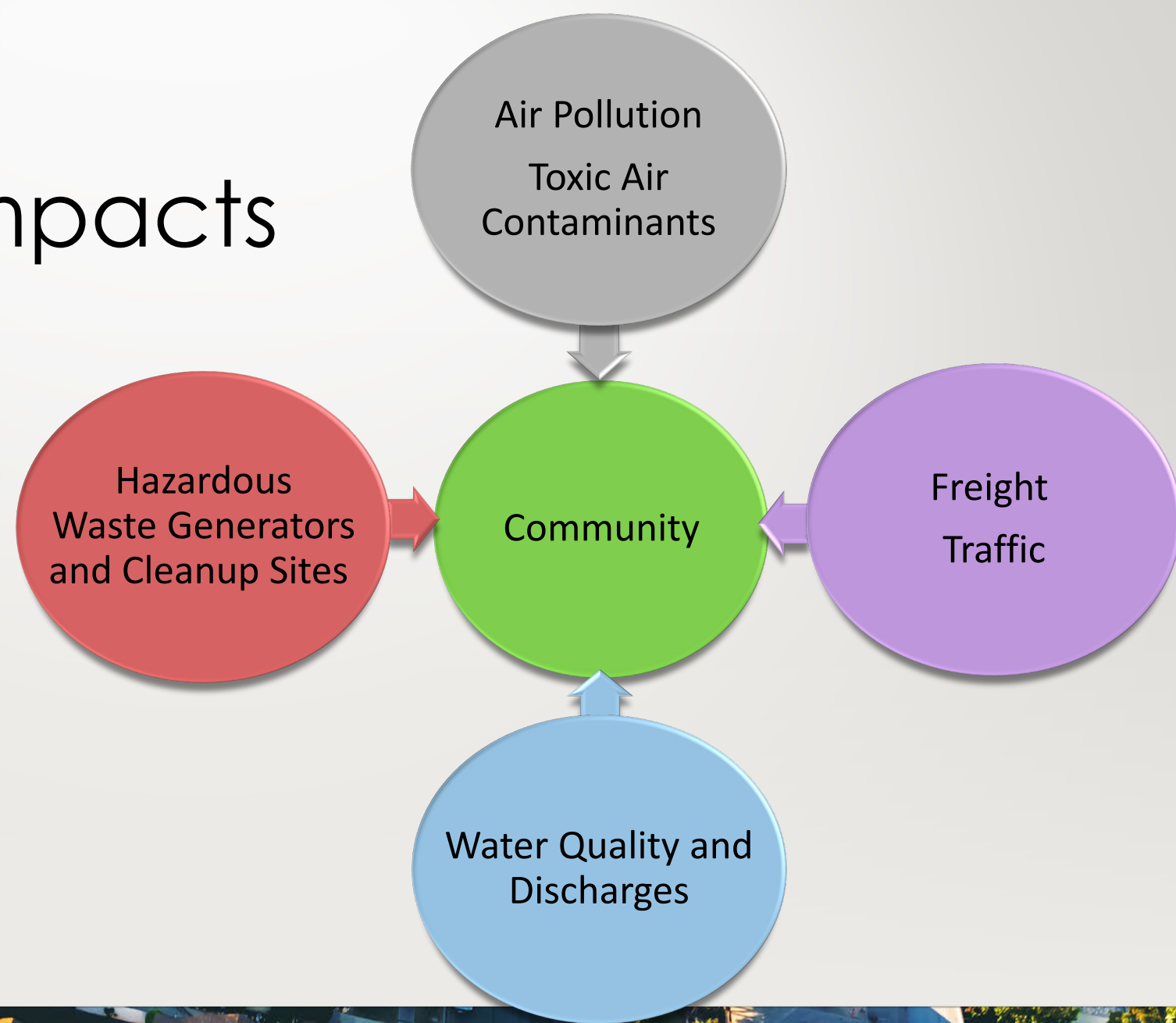


Linguistic
Isolation

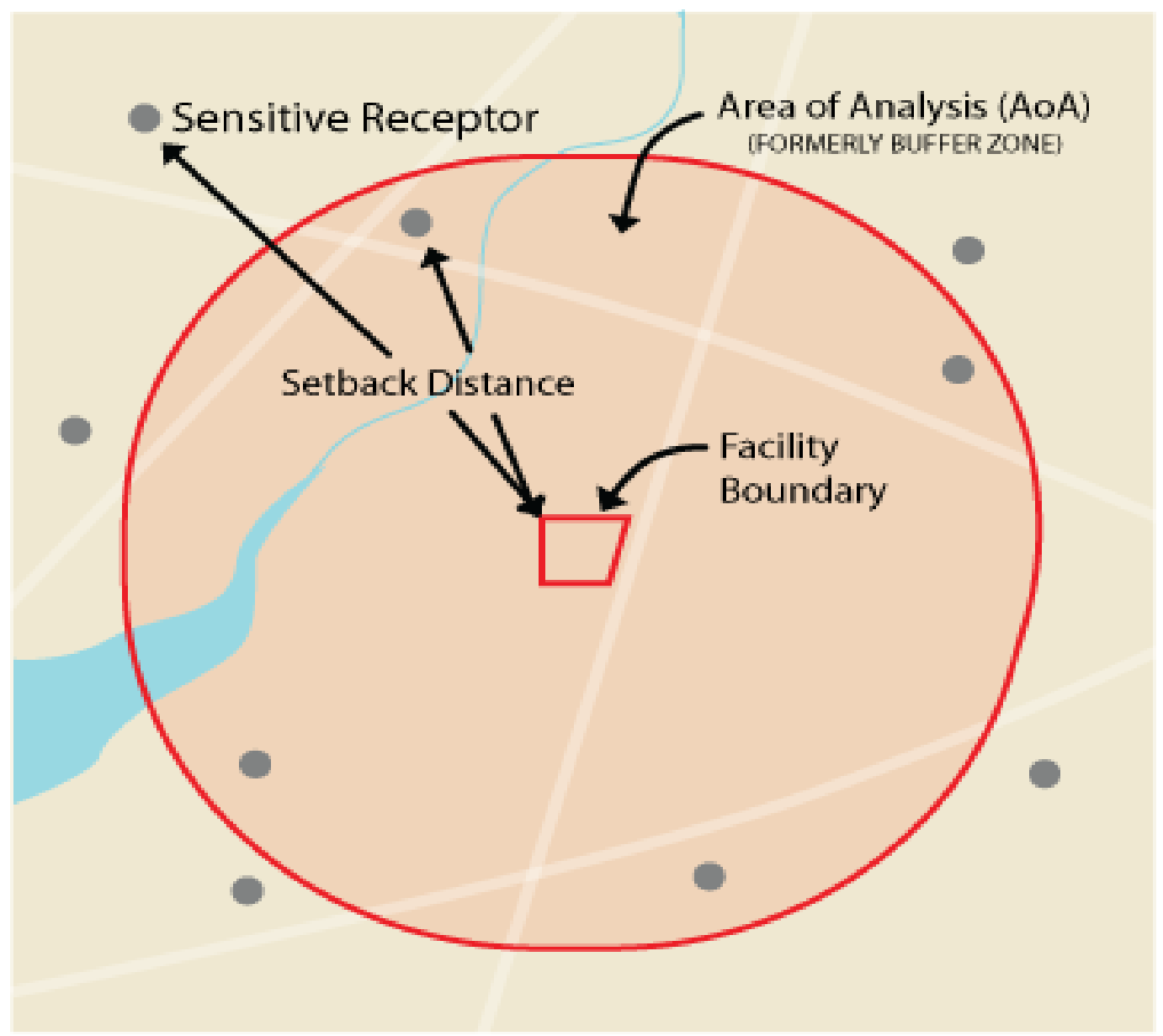


Cumulative Impacts

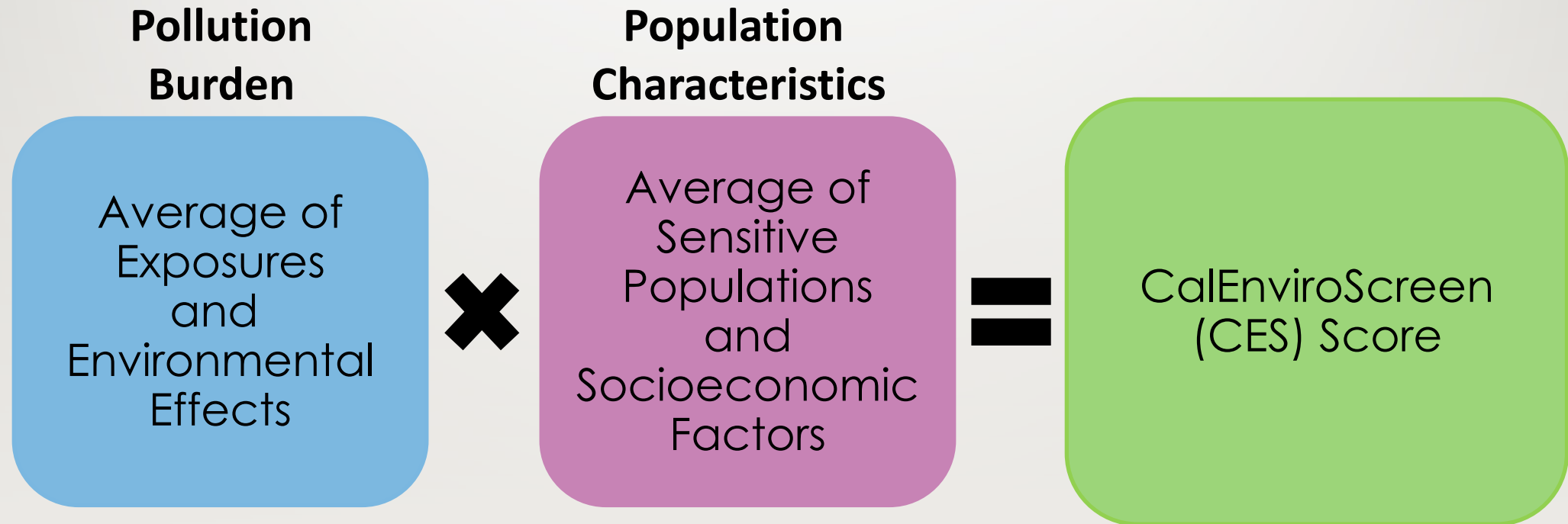
Combined impacts of environmental pollution in a community



Setback distance for new and expanded facilities























CalEnviroScreen (CES) Analysis of Cumulative Impacts





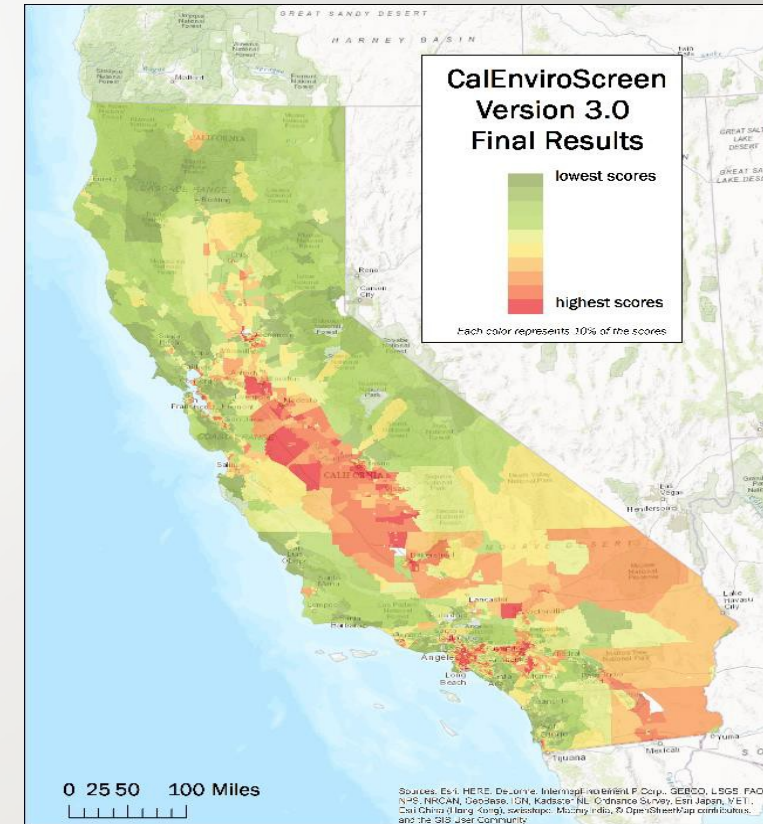
CalEnviroScreen 3.0

Pollution Burden		Population Characteristics	
Exposures	Environmental Effects	Sensitive Populations	Socioeconomic Factors
 Ozone  PM2.5	 Solid Waste Sites and Facilities  Cleanup Sites	 Asthma	 Educational Attainment  Housing Burden
 Diesel Particulate Matter  Drinking Water Contaminants	 Groundwater Threats  Impaired Water Bodies	 Cardiovascular Disease	 Linguistic Isolation
 Toxic Releases from Facilities  Traffic	 Hazardous Waste Generators and Facilities	 Low Birth Weight Infants	 Poverty  Unemployment
 Pesticide Use			

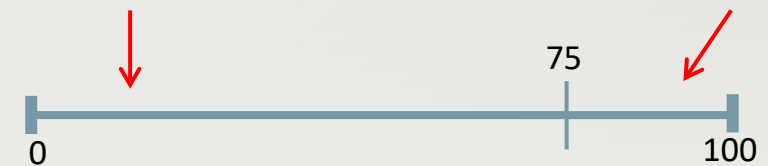


CalEnviroScreen Scores

- Higher scores = greater pollution burdens and population vulnerability.
- The percentile represents a relative score for all 20 indicators
 - For example, a 75th percentile means that census tract is higher than 75% of other census tracts in California.



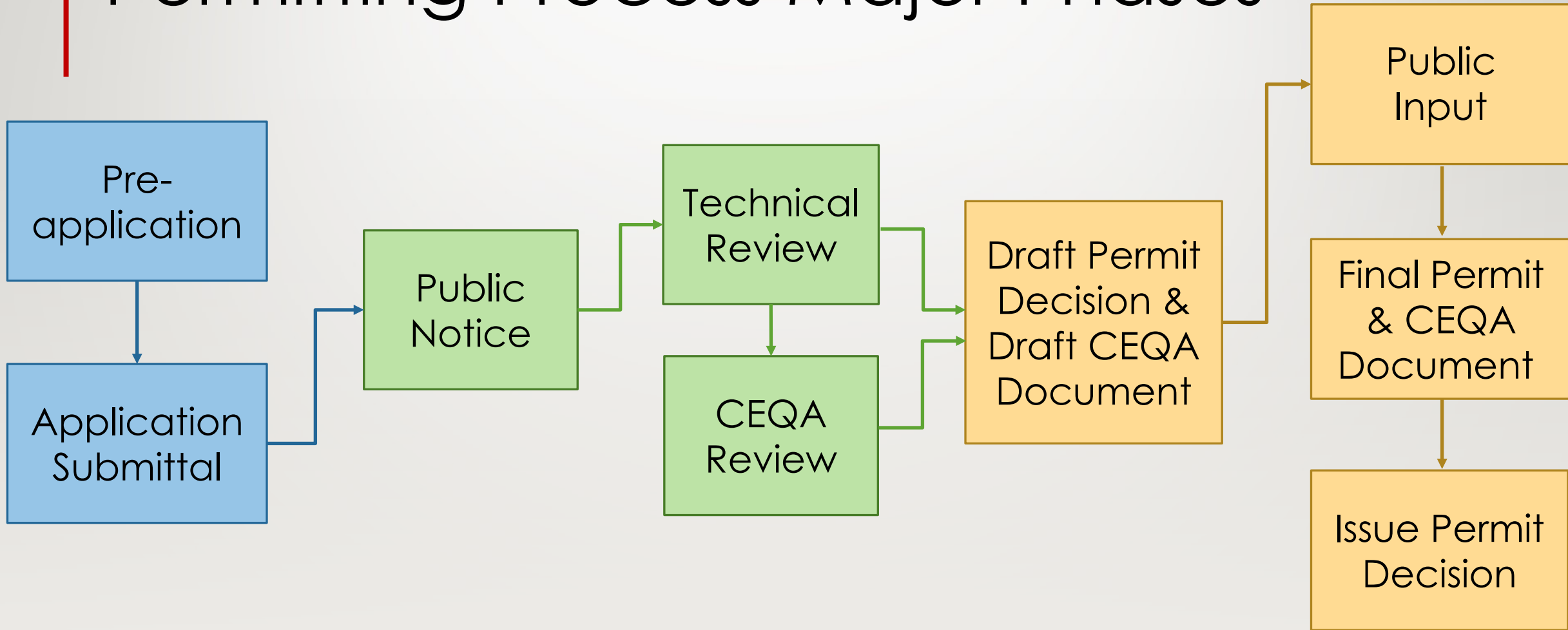
All tracts in CA fall somewhere on this continuum



SB 673 Effects on Permit Process

- Elevates consideration of local community vulnerability and health risks
- Makes community evaluation part of the total record of information considered by the department
- Community evaluation informs decisions on permit applications

Permitting Process Major Phases



Overview of SB 673 Elements

Element 1

Community
& Facility
Screening

Element 2

Facility
Tiered
Pathway

Element 3

Facility
Action

Element 4

Facility
Action
Workplan

Element 5

Decision to
Revoke or
Deny

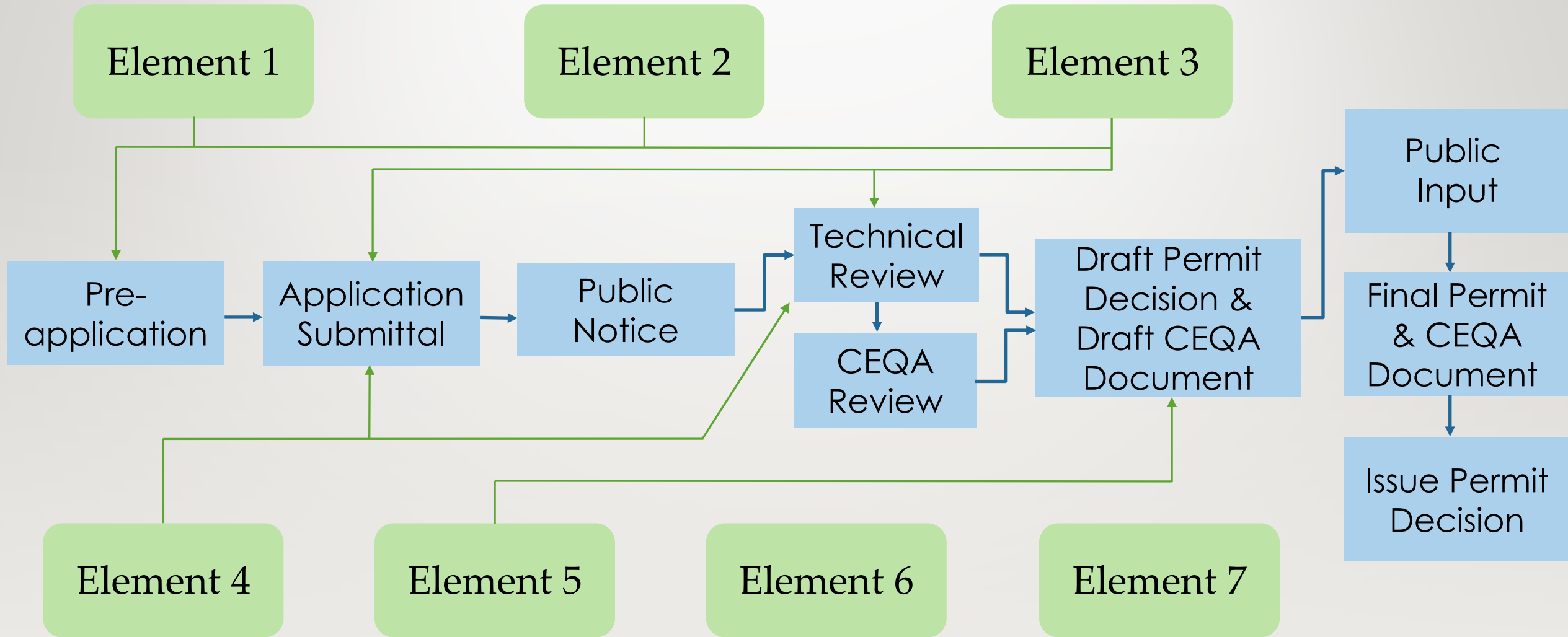
Element 6

Inspection
Score
Adjustment
VSP

Element 7

Updates to
Data & Tools

Permitting Process with SB 673 Elements



Consideration of Supplemental Data

- Gather more site-specific info about a particular area or community
- Helps to fill in knowledge gaps about community conditions & better evaluate community vulnerability
- Can be provided by Academia, Tribes, public, or local agencies



Next Steps for Draft Proposal

- Following release of Draft Regulatory Framework:
 - Informational Sessions
 - Joint Summit
 - Public Comment Period
- Develop the draft formal regulatory language
 - Subject to change based on feedback received



Next Steps – Tentative Dates

Informal

Public Review
Process
(Fall 2021)



Informal

Revised
Regulatory
Language
(Spring &
Summer 2022)



Formal

Initiate formal
rulemaking
process
(2023)



Senate Bill 673

The most significant changes to DTSC's permitting of hazardous waste facilities in the last 20 years.

All comments, questions, and concerns are welcomed

Thank you for joining us today!

SB 673 DTSC Contacts

- **Evelia Rodriguez**, Senior Hazardous Substances Engineer
- **Diana Le**, Senior Environmental Scientist

Email: permits_hwm@dtsc.ca.gov

We welcome your input.
Comments on the Framework should be sent to DTSC
contacts by September 20, 2021

Thank You

Thank you for joining us to learn about
DTSC and SB673 Framework.

