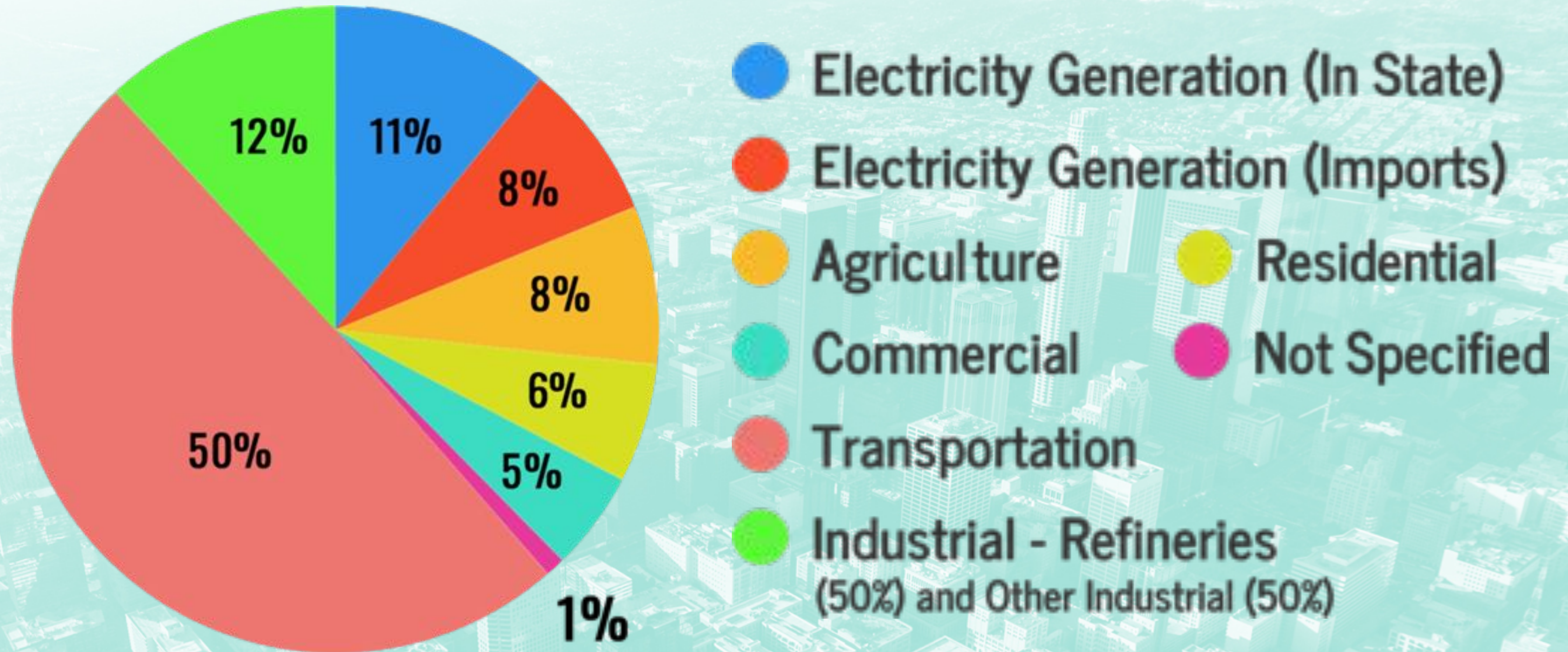


# De-fossilizing energy in California





# California GHG Emissions



\*Source: California Air Resources Board GHG Emissions Inventory, 2015



An aerial photograph of a city, likely San Francisco, with a dense cluster of skyscrapers in the center. The image is overlaid with a semi-transparent teal filter. In the background, rolling hills or mountains are visible under a hazy sky. The text "100% fossil free energy" is centered in the upper half of the image, and "ASAP" is centered below it.

100% fossil free energy

ASAP



# Average Increase in LA Temperature, 2041-2060

- **Coastal areas:** 3 - 4°F
- **San Fernando & San Gabriel Valleys:** 4 - 4.5°F
- **Mountains and Deserts:** 4.5 - 5.5°F





# Extreme heat will affect...

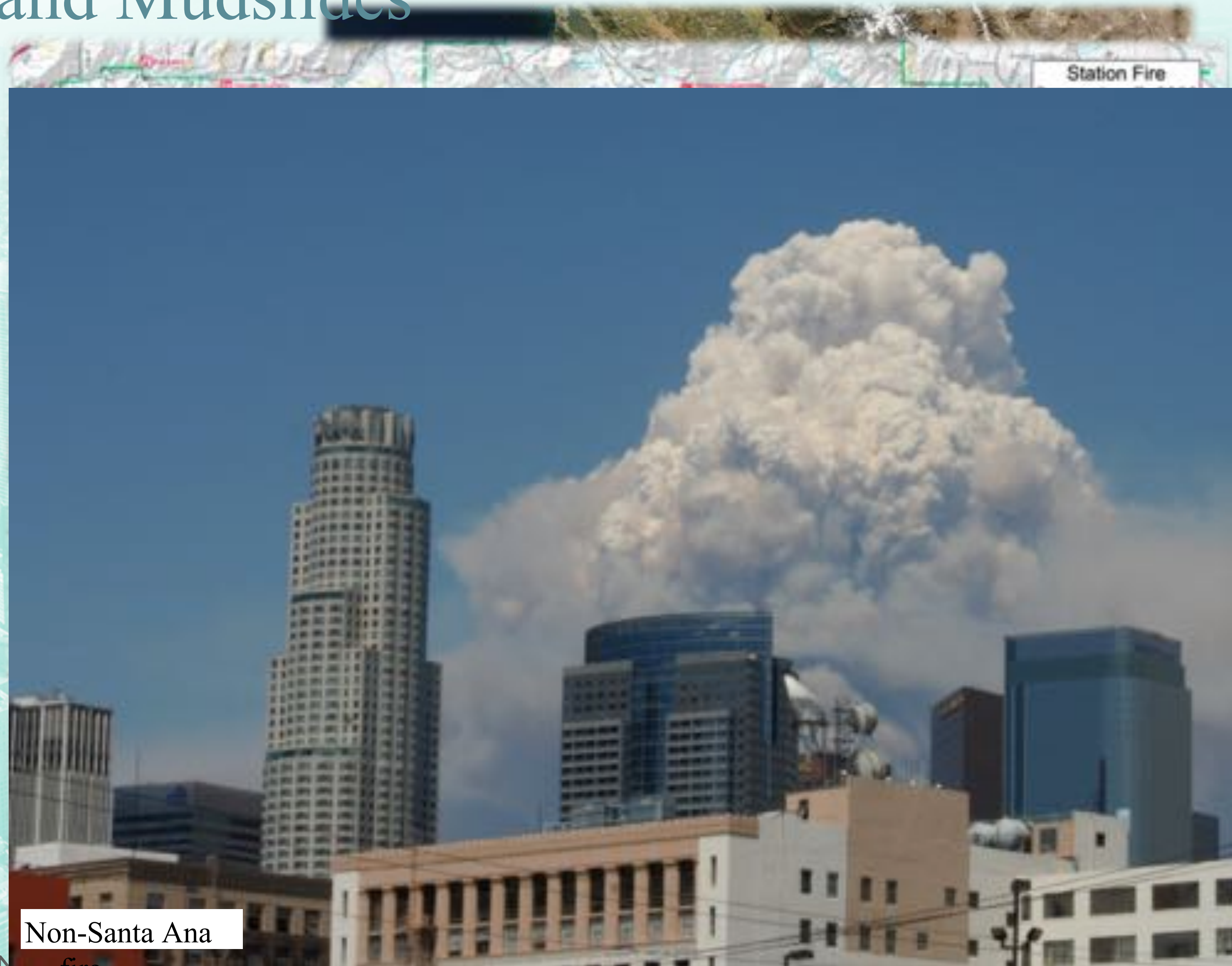
- Air quality
- Food supply
- Energy demand and supply too
- Roads and rails
- Property values
- Water evaporation: vegetation, habitat, water supply





# Zooming in: Wildfires and Mudslides

- Climate studies suggest that areas burned by Santa Ana fires will increase by 64% by mid-century
- Non-Santa Ana fires will increase by 77% by mid-century



Non-Santa Ana



# Zooming in: Wildfires and Mudslides

## Montecito Mudslides, 2018



Source: Google Earth/Ventura County Air  
Unit/Zumapress



# Zooming in: Sea Level Rise

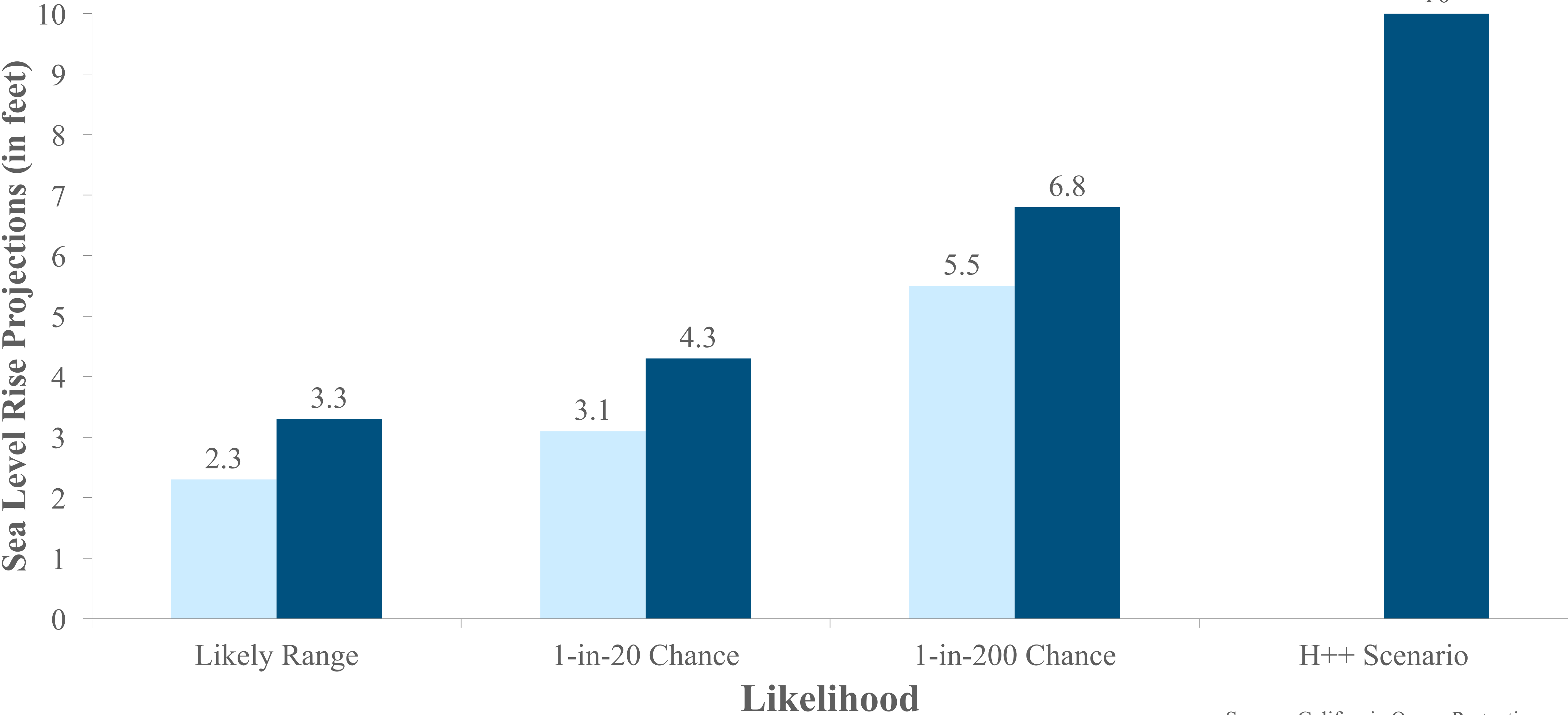




# Santa Monica Sea Level Rise Projections by 2100

(in feet)

Low Emissions  
High Emissions



Source: California Ocean Protection Council



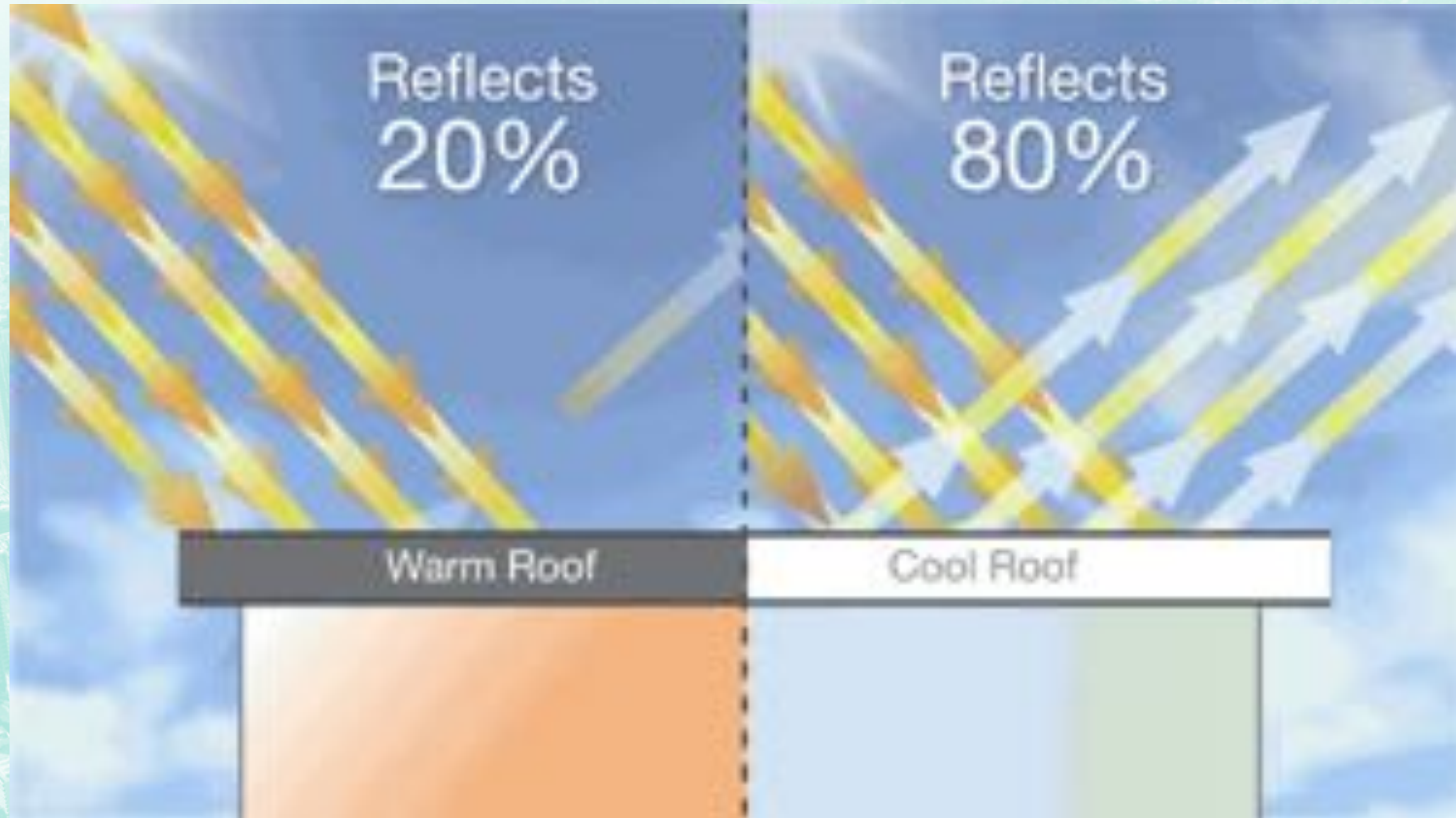


100% fossil free energy

A S A P



# Why Cool Roofs?





# LA's Cool Roof Ordinance

#KeepLACool

Climate Resolve won the policy to ensure that every new and refurbished rooftop in the City of Los Angeles is a cool roof.





# LA's Cool Roof Ordinance

#KeepLACool

- Cool roof coating in various colors (not just white!)
- 18,000+ homes by May 2018





# Climate Resolve

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