

# CPUC Hosted Workshop on Phase 2 Implementation of R15-01-008

## - Geographic mapping of leaks

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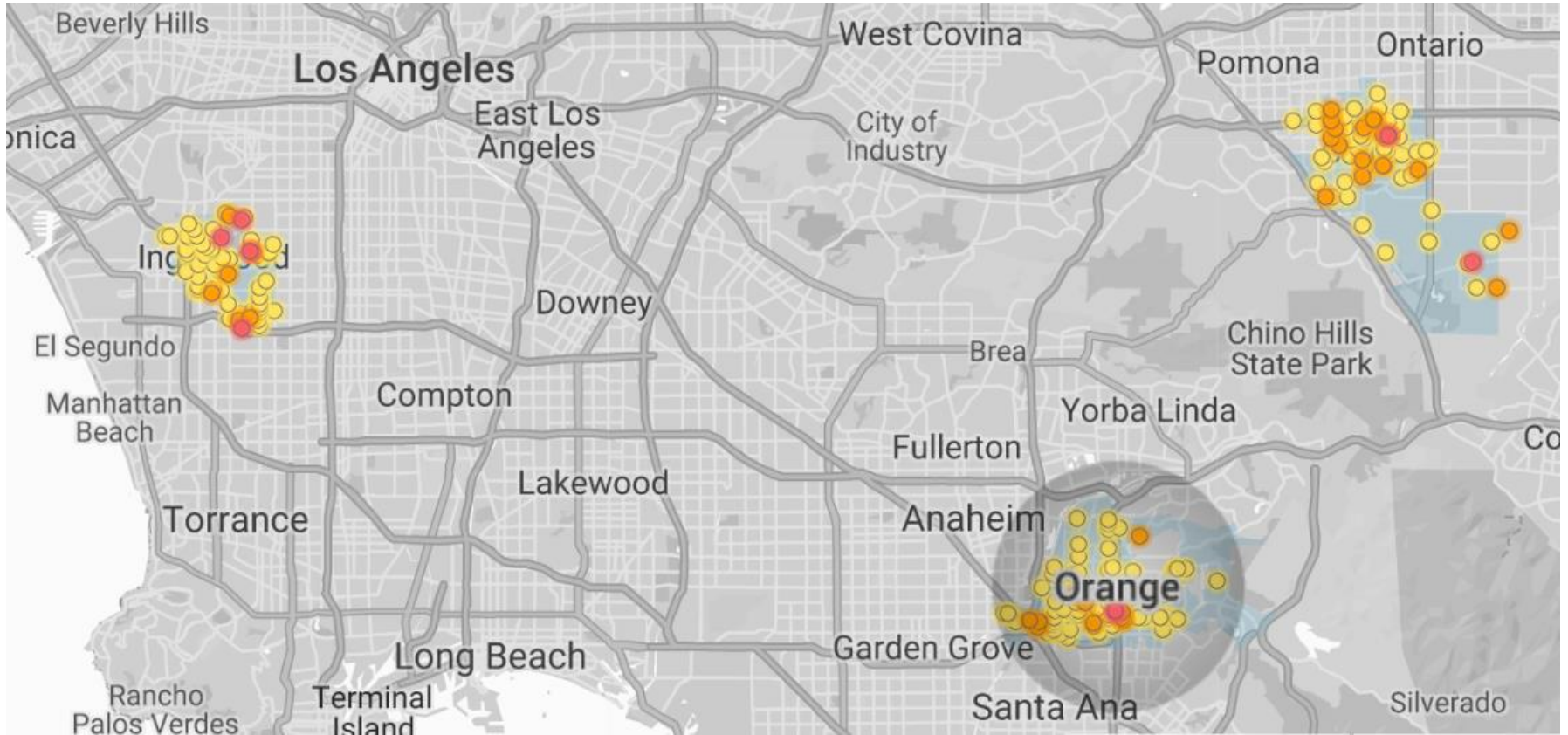
# High level take-away

- Tracking leaks both geographically and over time offers multiple benefits
  - Public awareness and transparency of leak reduction pursuits by utilities
  - Awareness of density of leak distribution
  - Utility ability to recognize spatial distribution and grouping of leaks year over year
- Multiple methods of mapping may be appropriate / meet the objectives of the law

# EDF experience in mapping

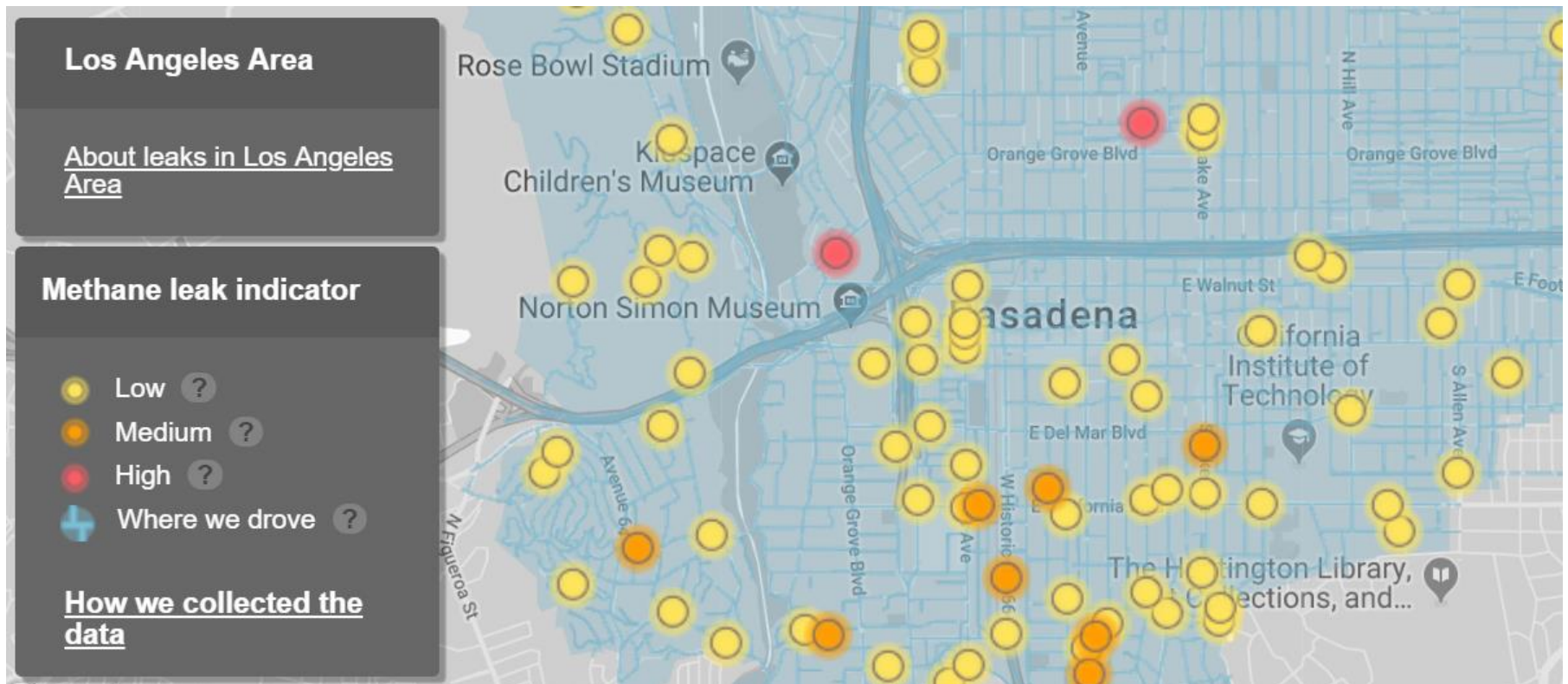
- Working with Google Street View Cars, technology providers and utilities, EDF has mapped utility systems across the country
  - Southern California (4 cities), Boston, Indianapolis, Atlanta, Birmingham, Burlington, Chicago, Dallas, Jacksonville, Mesa, Pittsburgh, Staten Island, Syracuse
- Leak mapping available online at <https://www.edf.org/climate/methanemaps>

# EDF example map



# EDF example map cont.

Allows for user to zoom into leak location and acquire leak size details



# Publically available information on geographic tracking of leaks should accomplish goals

- Avoid creating undue concerns around immediate impact to public safety
- Create awareness of spatial distribution of leaks – with some degree of granularity
  - Due to the large size of some zip codes with low population density, consideration should be given to requiring greater granularity in some circumstances.

# **Publically available information on geographic tracking of leaks should accomplish goals cont.**

- Create transparency over variability in leak size and discovery / repair timelines
- Connect methane leaks to climate damage
- If leak location is not shown publically, the utility must have access to it and embed it into its leak tracking and mitigation work