

CBE builds People's Power & Environmental Justice:

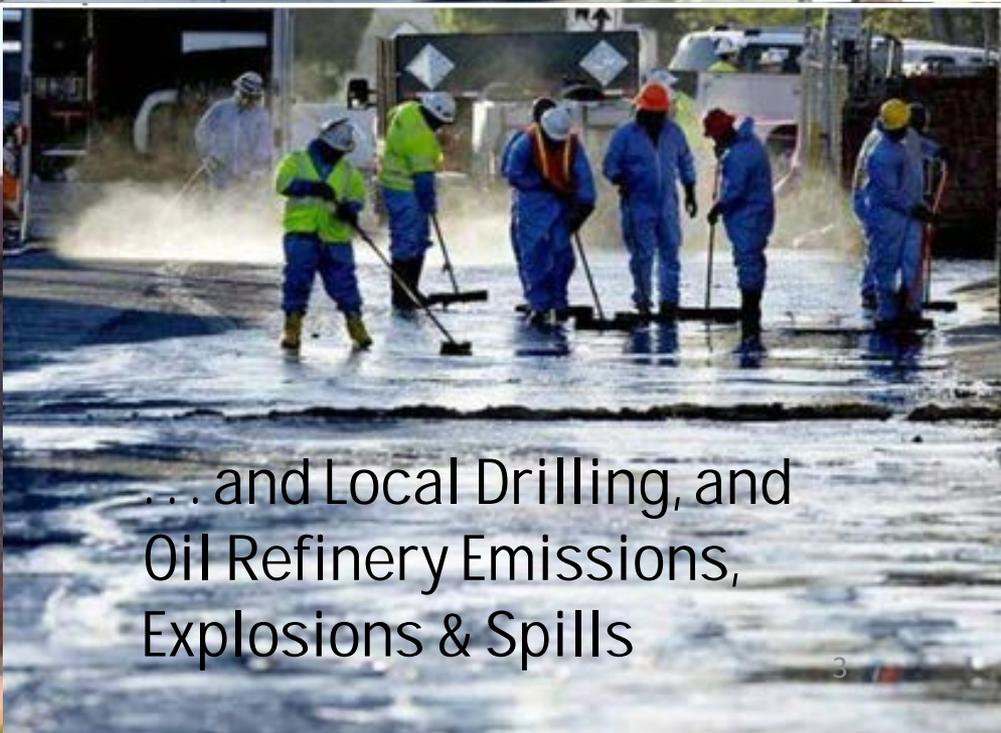


- We work to cut greenhouse gases, smog and toxics in California, especially urban communities of color - Wilmington, Southeast LA, Richmond, and East Oakland.
- We work for real public health improvements, and public participation and democratic decision-making,
- And long term, we are fighting to phase out fossil fuels, through a Just Transition to Clean Renewable Energy and a Green Economy.
- CBE empowers residents to participate in decision making through leadership training, organizing skills, and legal, scientific and technical assistance.

Presentation of Alicia Rivera (alicia@cbeocal.org)
CBE Wilmington Community Organizer, 5/9/2019

We know the problem





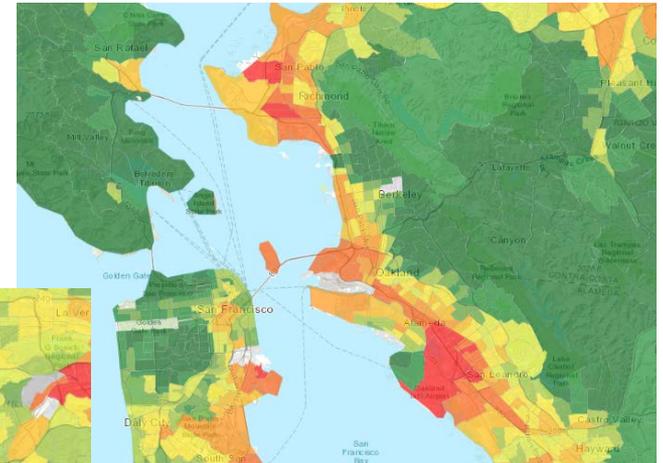
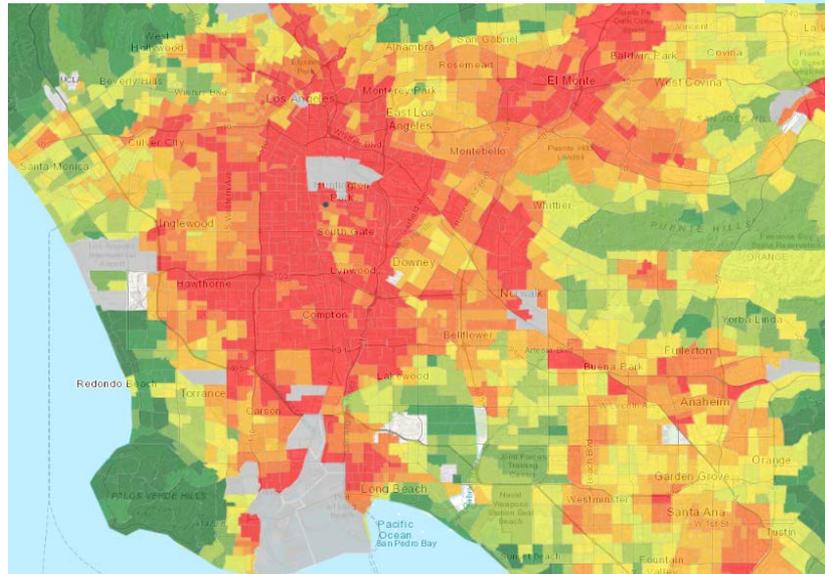
... and Local Drilling, and
Oil Refinery Emissions,
Explosions & Spills

. . . plus Dangerous Climate Change from fossil fuels
increasing heat waves, smog, floods, fires, drought, & more



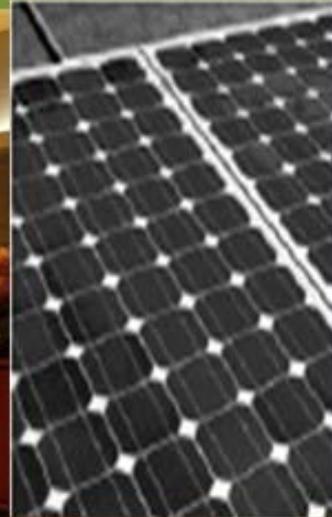
Our communities also endure Environmental Racism

CalEnviroScreen mapping of REDZONES shows that the most heavily impacted communities for pollution and socioeconomic impacts are communities of color and low-income communities.



Wilmington, Southeast Los Angeles (SELA), Richmond and East Oakland where CBE organizes are heavily impacted.

And we have the solutions

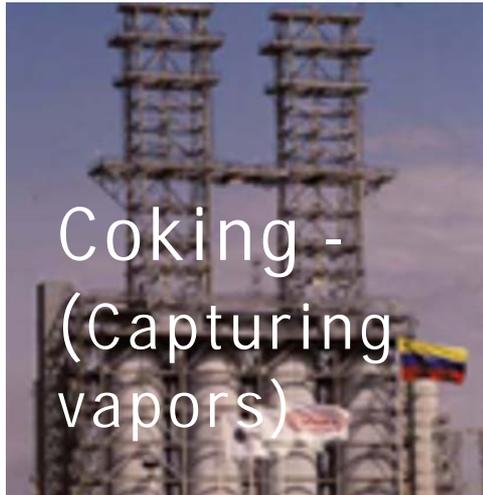


Strong Regulations & Clean Renewable Energy ⁶

OIL REFINERY REGULATIONS: Over 4 decades using the Clean Air Act, we won model regulations North & South, but we need more!

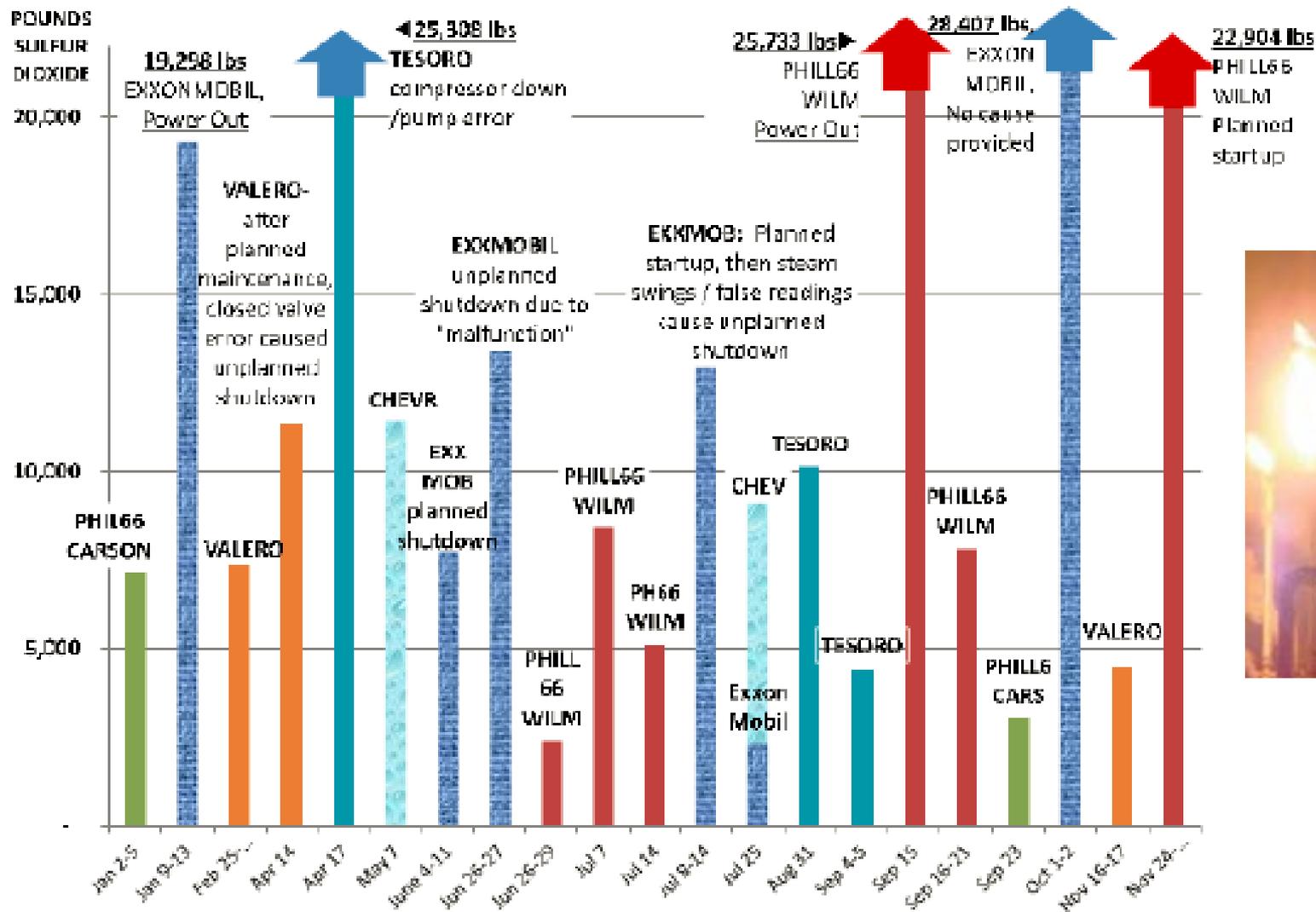


Preventing Leaking Valves & Seals



Though we won flaring prevention rules, huge events still occur

We had to do Public Records requests to get flare data out of dozens of spreadsheets, to show the largest events. This 2012 example shows big SOx emissions. AQMD has since improved the regulation, but it needs more tightening.



Flaring needs more emissions cuts (not just Notification)

- **Tighten Sulfur Oxide requirements and set VOC standard,** plus penalties for VOCs.
- **We need Optical Remote Sensing for flares** as promised in the past. Monitoring in flare stacks is important but not enough.
- **AQMD should investigate eliminating most flaring, as the District said it would begin.** We understand flares are needed for *true* emergencies, but much more can be done to prevent emergencies, *and* to prevent planned flaring.
- **All refineries should have Flare Minimization Plans.** This should also prevent flaring in power outages.
- **“Clean Service” flares are not really clean** and should not have special exemptions. Emissions Factors for burning propane, butane, and methane in flares greatly underestimate VOCs.
- **And Methane should no longer be exempt** - studies show it can substantially add to ground-level ozone, not only greenhouse gases.
- **Flare Data should be online!** BAAQMD puts daily flare data online, but SCAQMD only provides quarterly totals. We shouldn't have to do Public Records Requests every time we want to look at flare data.



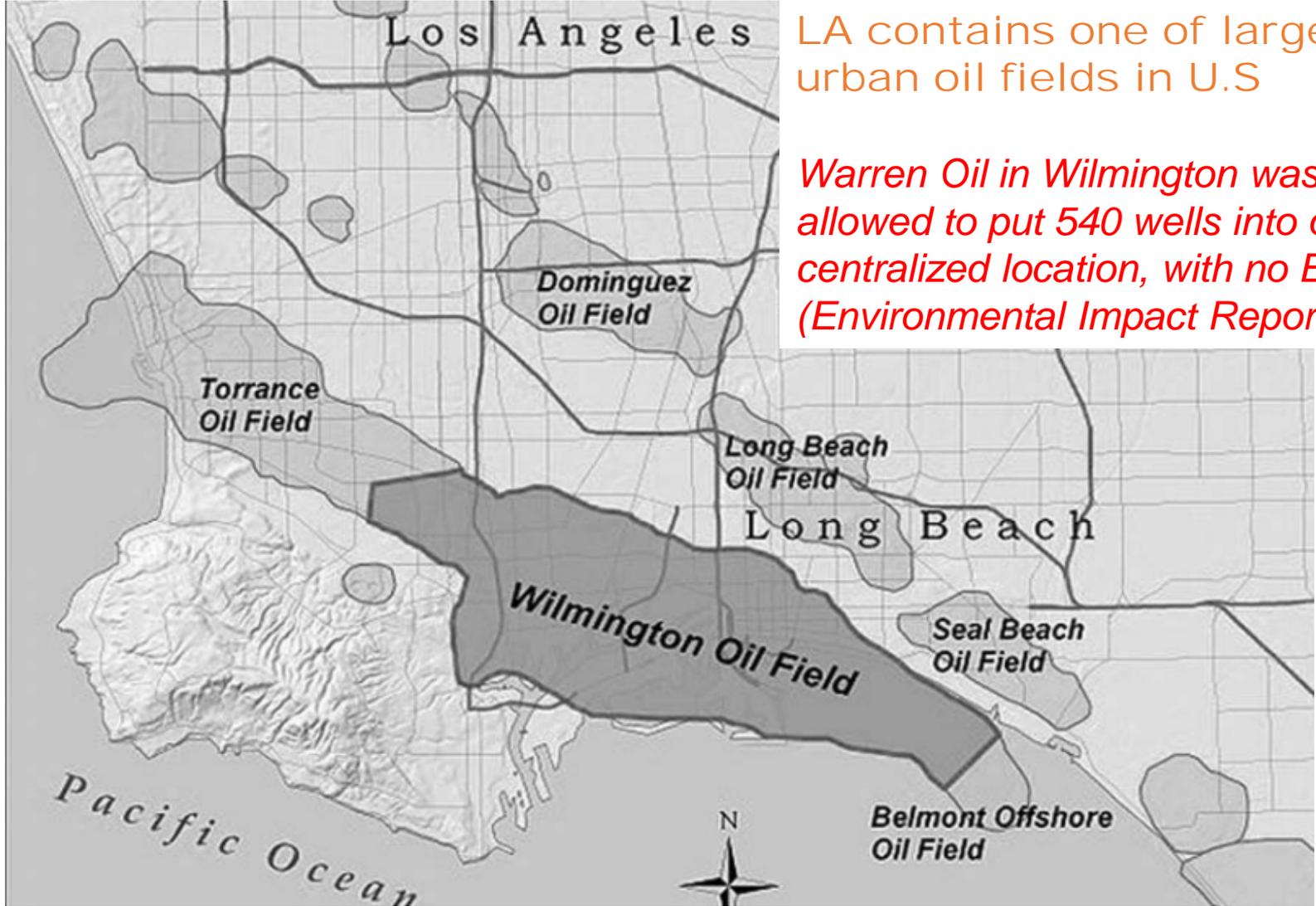
AB617 Emission Reduction Plans need to go beyond existing requirements (otherwise, why would we need AB617?)

- **Giant old Refinery Boilers and Heaters** use massive quantities of fuel and need to be replaced with BACT, to achieve more cuts than just replacing RECLAIM.
- **Also require refinery Catalytic Cracking units to cut PM2.5 and SOx** at least equal to Wet Scrubbers being considered in the BAAQMD, with no emission increases.
- **We need a Moratorium on Extreme Crude Oils** such as Tar Sands and North Dakota Bakken Crude Oil, to stop them coming to LA in large quantities. This has a big impact on refinery emissions.
- **We need to start now on a long-term Just Transition Plan to phase down fossil fuels**, including for oil refineries and drilling, replacing them with clean renewable transportation in EJ communities by 2050. Studies show this can be done economically. If we do not, smog and greenhouse goals will never be met, and we will suffer health impacts and catastrophic climate change.
- **We need Cumulative Emission Reductions sufficient to meet Health Standards.** AQMD must not put all the burden of developing an Emission Reductions Plan on the community. AQMD needs to contribute cuts in tons/day with deadlines.

We are also fighting for:

- **Phasing out deadly Modified Hydrogen Fluoride from the Valero & Torrance refineries**, to prevent deaths and severe harm in the case of a release, which almost happened in 2015. We need a simple clear regulation to phase out deadly MHF within 4 years.
- **Truth in permitting and EIRs** which need to be corrected on actual environmental impacts of refinery expansions, such as Tesoro's proposal for 3.4 million barrels of massive new crude oil storage tanks.
- **The AQMD's Fluxsense Study at refineries with the Swedish Scientists found Oil Refinery benzene emissions are greatly underestimated** and on average should be 34 times higher. The scientists said VOCs & benzene are mostly from Storage Tanks, but AQMD has not yet changed the emission inventory.
- **We want the emissions inventory updated to reflect the true VOC & benzene impacts**, and we want permitting and CEQA evaluation to reflect these increases.

Cleaning up OIL DRILLING



LA contains one of largest urban oil fields in U.S

Warren Oil in Wilmington was allowed to put 540 wells into one centralized location, with no EIR (Environmental Impact Report)

Warren Oil neighbors described this as “a living hell”

“It’s been different since the Warren site came to the neighborhood”

“Get a weird taste in my mouth, . . . the house is full of dust, must close the windows in the house 24/7”

“Every morning lots of black film all over the cars”

“Headaches, nausea, and difficulty breathing”

“Evening noise . . . smells, extensive lung illness, constant coughing—less sleep”

“I know my blood pressure is just on edge, I just have to leave. This can’t go on much longer.”

We won improvements for Warren neighbors -- cutting gases, dust, diesel trucking, and noise, but this expansion should never have been approved near neighbors. And we can't keep fighting one bad project after another . . .



Because there are many more drilling sites in Wilmington . . .

. . . And in other parts of LA next to homes (like the Jefferson site)

So we joined with STAND LA - Stand Together Against Neighborhood Drilling – to win comprehensive new policies

CBE, our youth and adult members, and STAND LA are fighting for a 2500 ft buffer zone between neighbors and drilling through the City of LA and statewide, because drilling sites are inherently polluting. We also won new environmental review by the City of LA through our Youth EJ lawsuit.



OUR ROADMAP to a Just Transition off Fossil Fuels



Stop the Worst

- Stop Extreme Crude Oil
- Stop unnecessary new Power Plants, Drilling, & Refinery Expansions
- Win strong regulations
- Move drilling & diesel trucks out of residential neighborhoods



Fight for the Best

- **Alternative Energy**
 - Renewable Electricity
 - Energy Efficiency
 - Zero Emission Vehicles
- **Environmental Justice Policy & Democratic input**
- **Community Resiliency & Health**





QUESTIONS?

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