

The Clean Power and Electrification Pathway

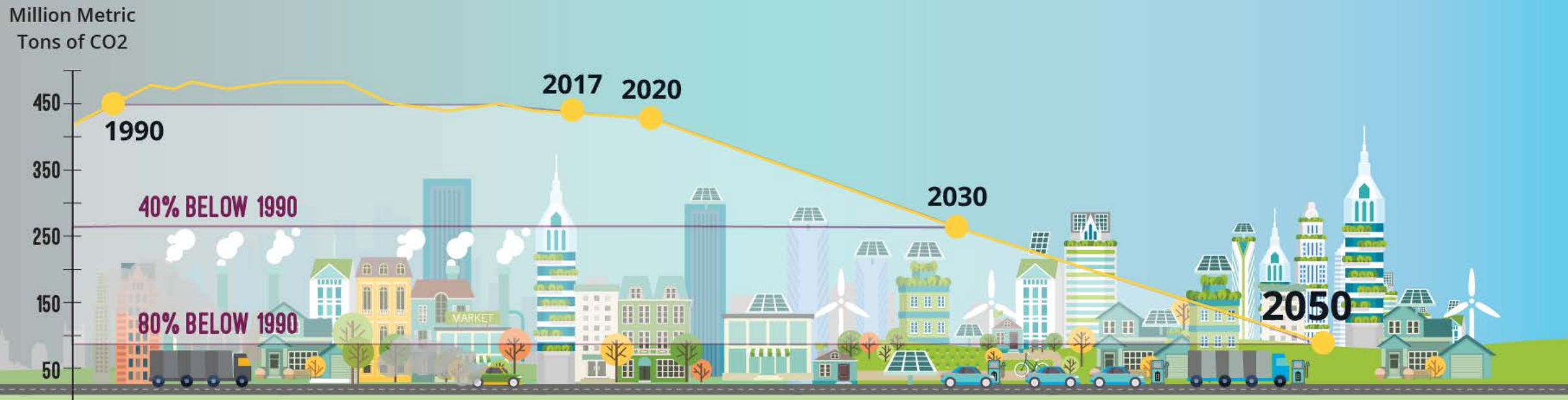
Southern California Edison's proposal to fight climate change and improve air quality

University of California at Davis
Energy Affiliates Forum
April 19, 2018



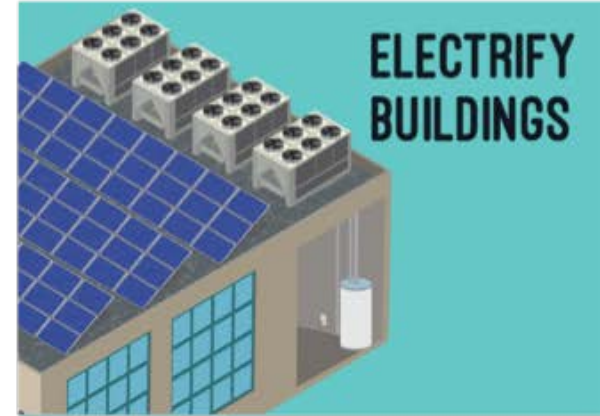
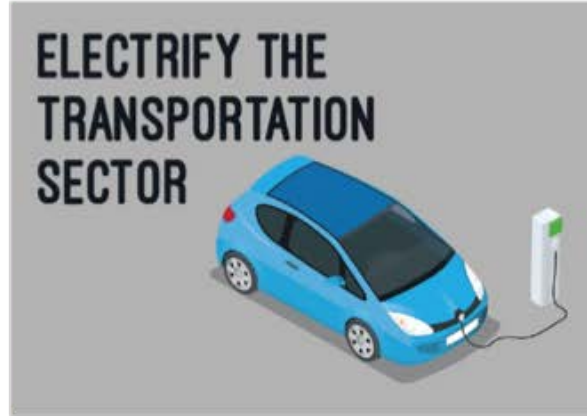
California goals to improve emission levels

- California set a goal to **reduce emissions 40%** below 1990 levels by 2030, and 80% by 2050.



If we want to get to **zero emissions**, eventually we have to **replace** many of the things we rely on today that require combustion.

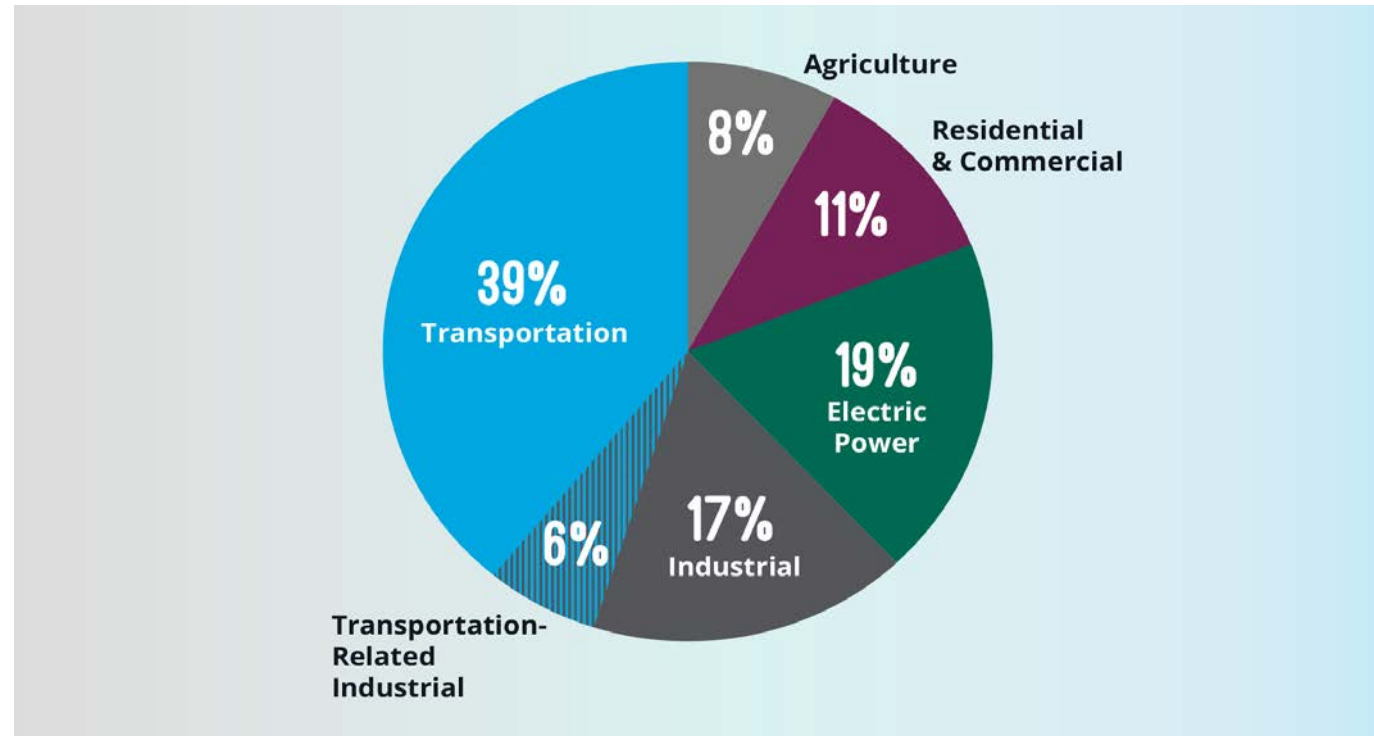
SCE's integrated solution



Clean the power grid. And electrify.

Emissions contributors

- Power supply emissions are falling
- The largest contributor is **transportation**
- The most **practical and economical** way to create real change is for sectors to **work together** to find an affordable alternative to fossil fuels.



SCE's Project with Port of Long Beach



Gantry Crane

**Yard Hauler
with Gantry Crane**



SCE's Battery Storage Projects

Mira Loma Project with Tesla



Norwalk Project with General Electric

