2016 UC Davis Aviation Noise and Air Quality Symposium
Palm Springs – 2/28-3/2

Summary

UC Davis Symposium Program

Provides optional one day of fundamental training in Aviation noise and air quality issues
3 Days of programs
Broad Range of Participants
  30 Airports, 3 FAA, 2 airspace authorities
  3 Airlines (Delta, Alaska, Air Canada), Boeing
  Venders (Brüel & Kjær..)
  Consultants
  Cities & Community groups, (a few)
  Predominately Domestic, some International.

Program Topics

Keynote - Erik Lindbergh, Electric flight
Lessons From Phoenix.
Effective Community Involvement.
Community Involvement Planning For Air Traffic
Changes.
Communication Is Key - What Data To Share
And How?
Quantifying The Environmental Benefits Of PBN
Procedures.
Navigating Changes (More PBN)
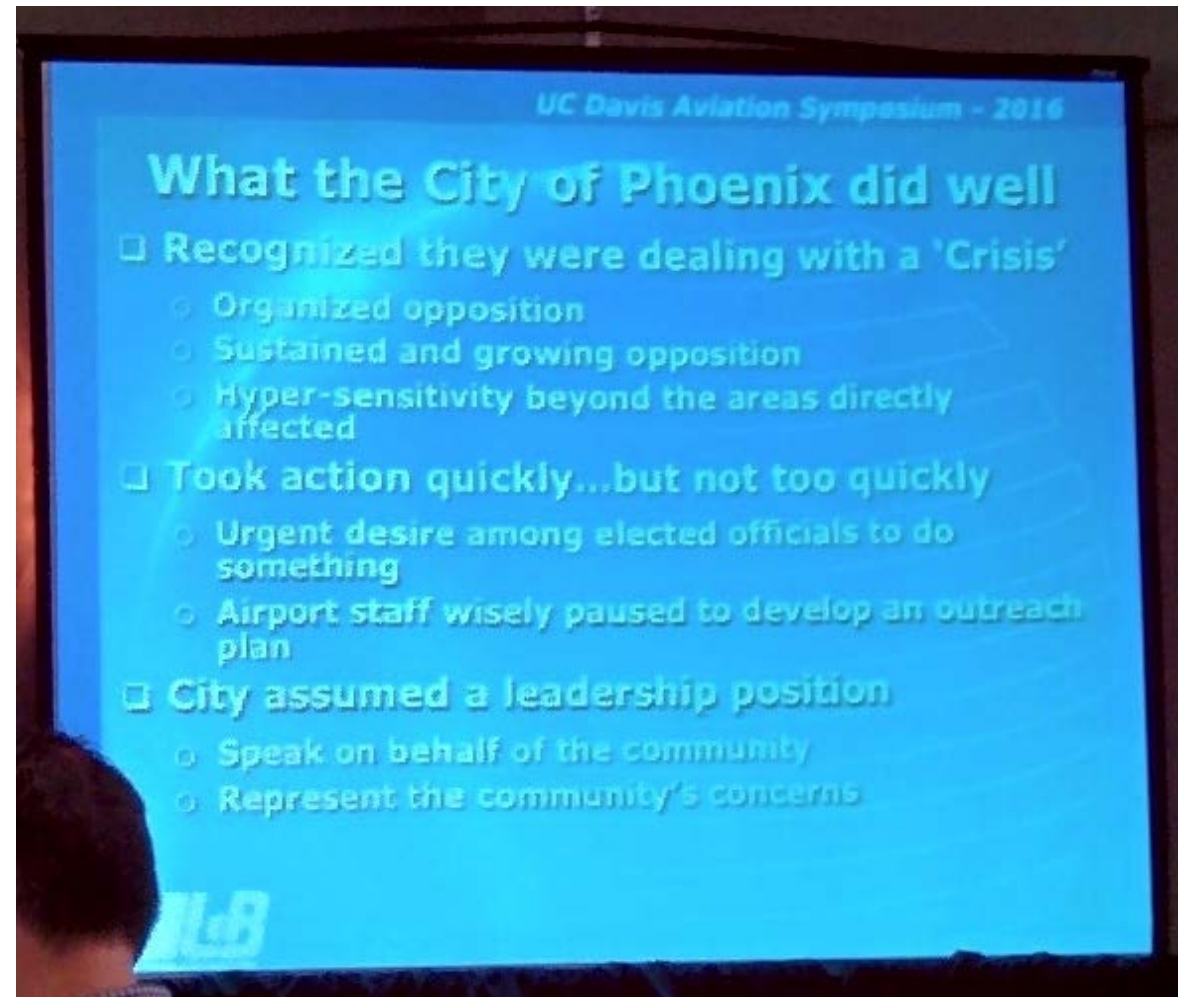Lessons From Airspace in France, Uk, Canada.
Legislative Update.

City of Phoenix Lessons Learned

Recognized a crisis.
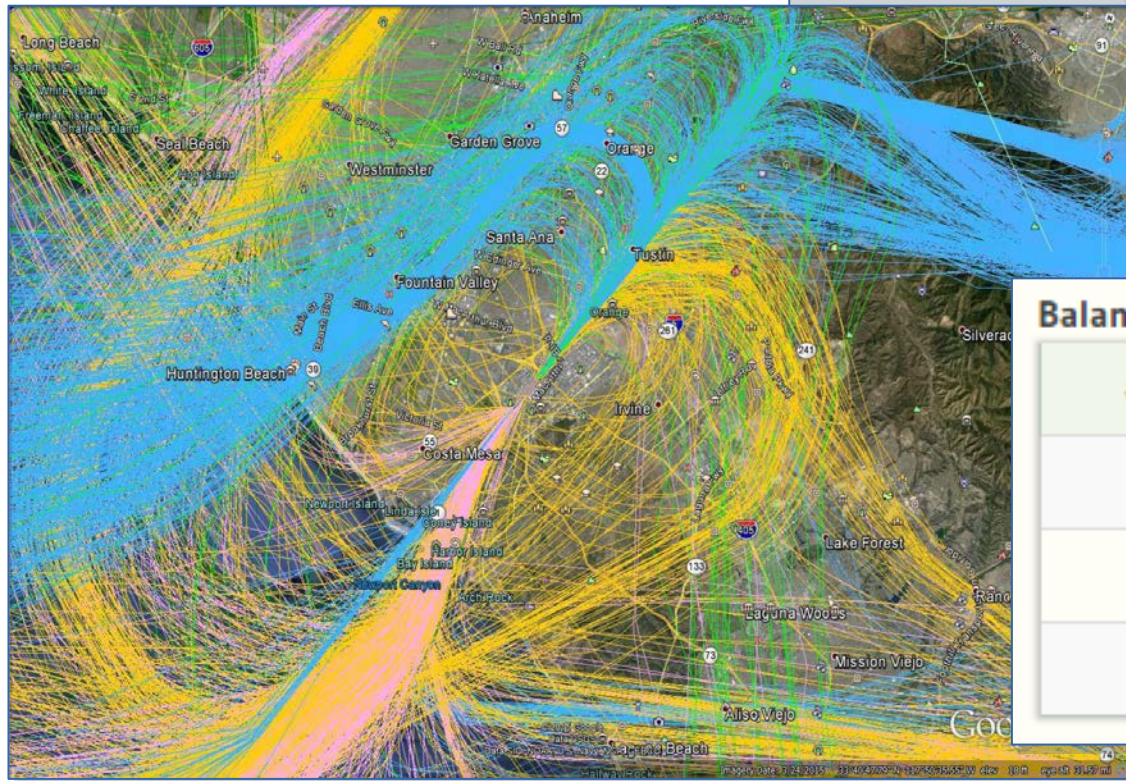"50 year effort to manage land use to protect economic engine and it was broken overnight."
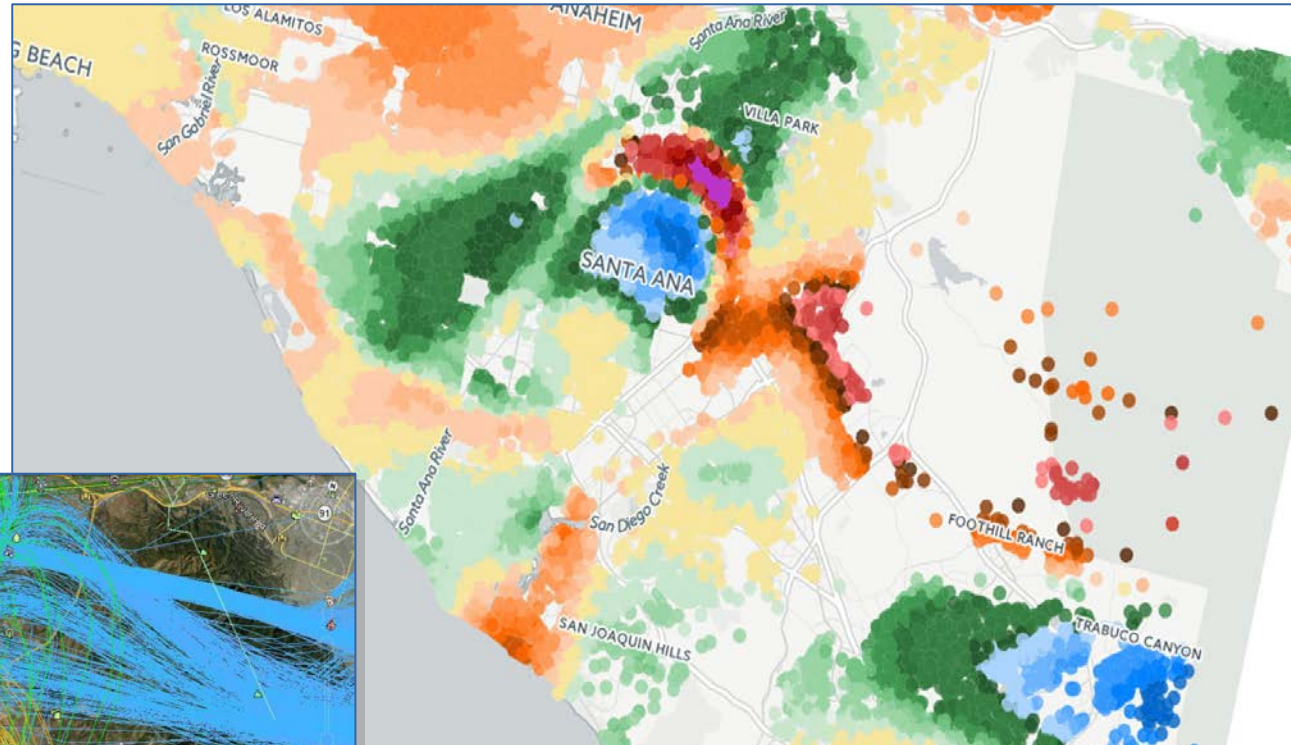Took action quickly.

Mapping NextGen Metroplex

Clarify obscured impacts from flight path changes

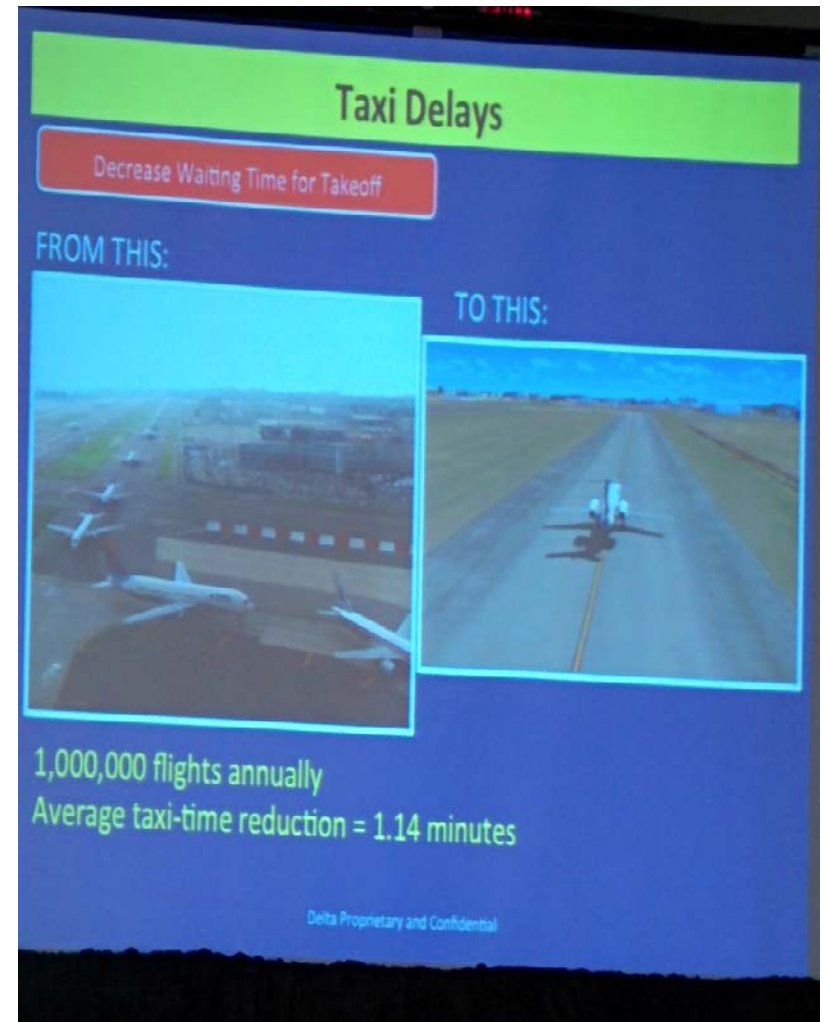3250 people will be exposed to an increase of 4 dB DNL.

Balance of Noise Impacts over Metroplex Population

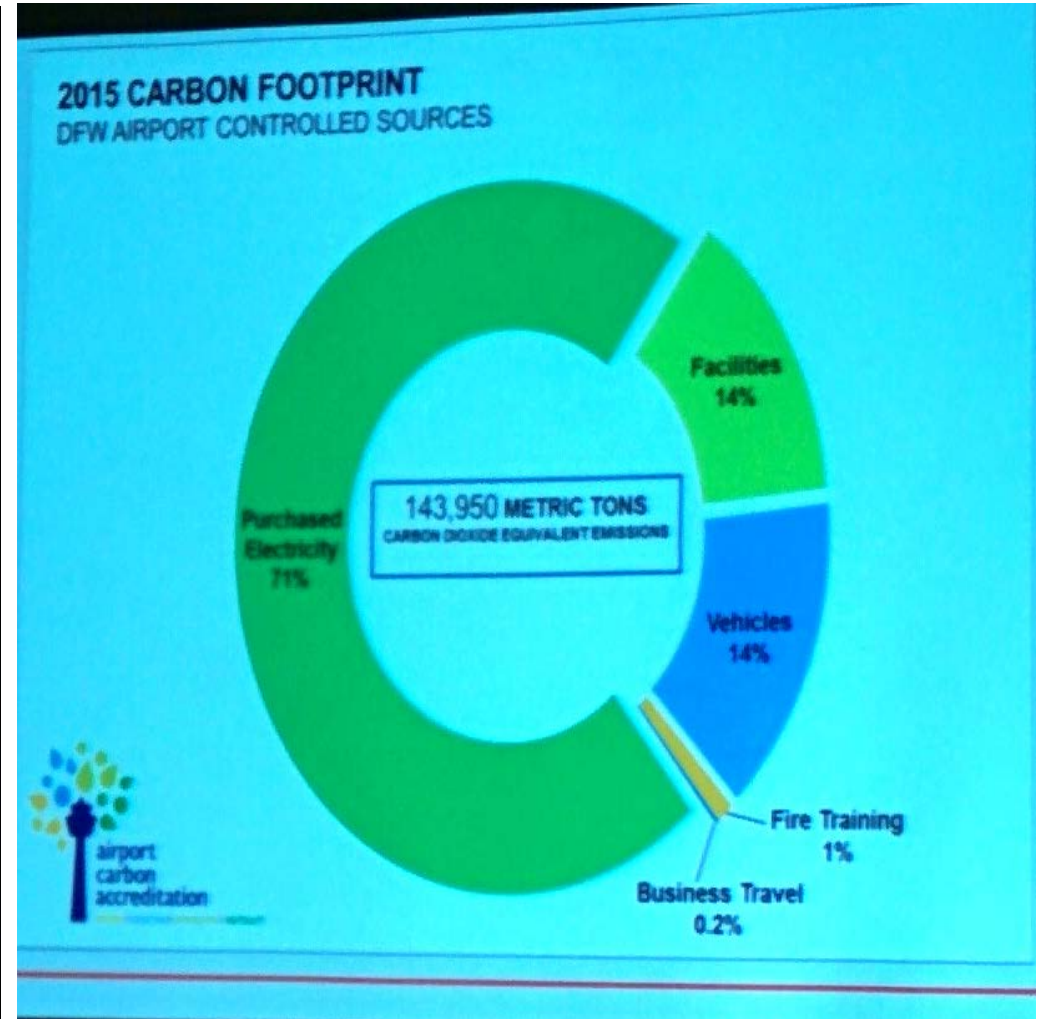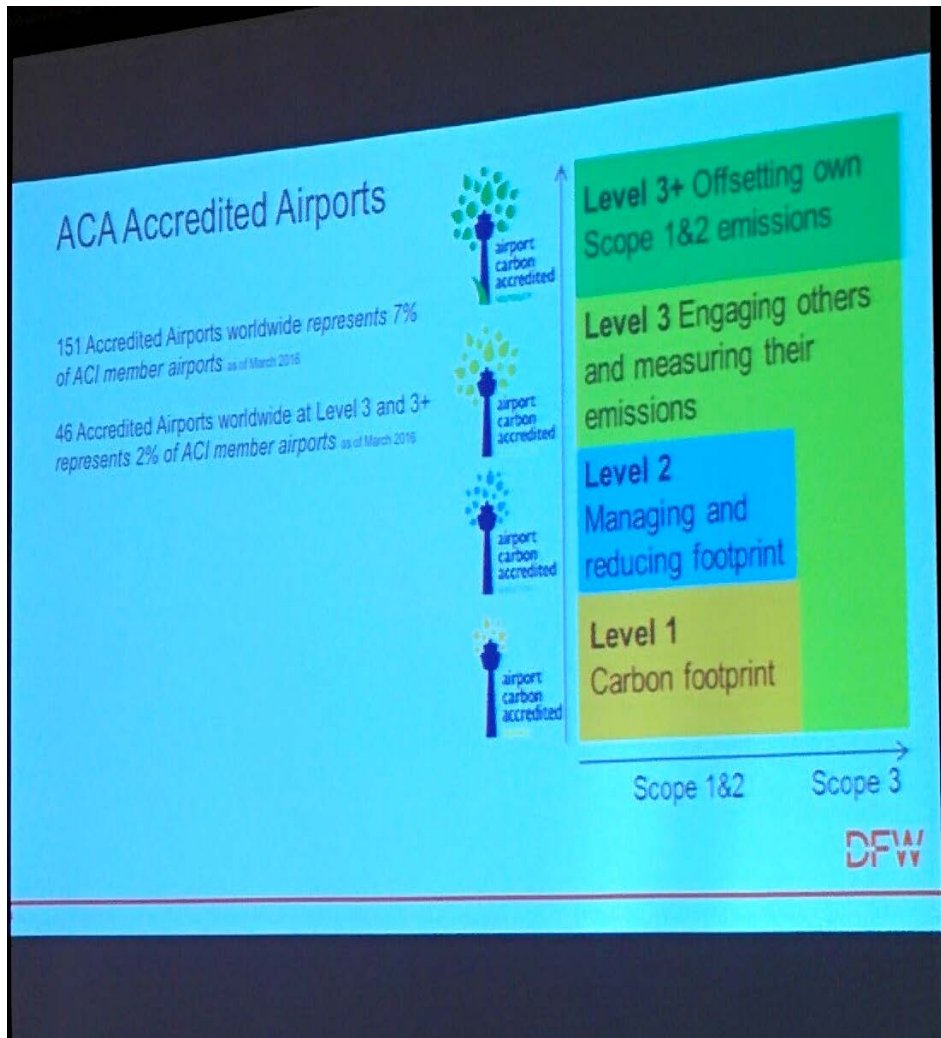| # Impacted	Percent	Result
7,515,658	39%	Quieter
3,088,078	16%	The same
8,655,337	45%	Louder

Delta

How An Airline Minimizes Environmental Impacts

"We, at Delta Air Lines, understand our responsibility to minimize our impact on the environment and to conduct our operations in an environmentally sustainable manner. All of Delta's senior leaders, employees, and contractors will be accountable for

DFW's ACA -Carbon Footprint

Lesson Learned

Heard how other airport areas are addressing and resolving conflicts.
Connect with other groups and vendors.
Learned about Sustainability efforts with Airports and Airlines.
All presentation slides to be on UC Davis website
https://sites.google.com/site/ucdavisaviation/