

2013 Clean Air Plan

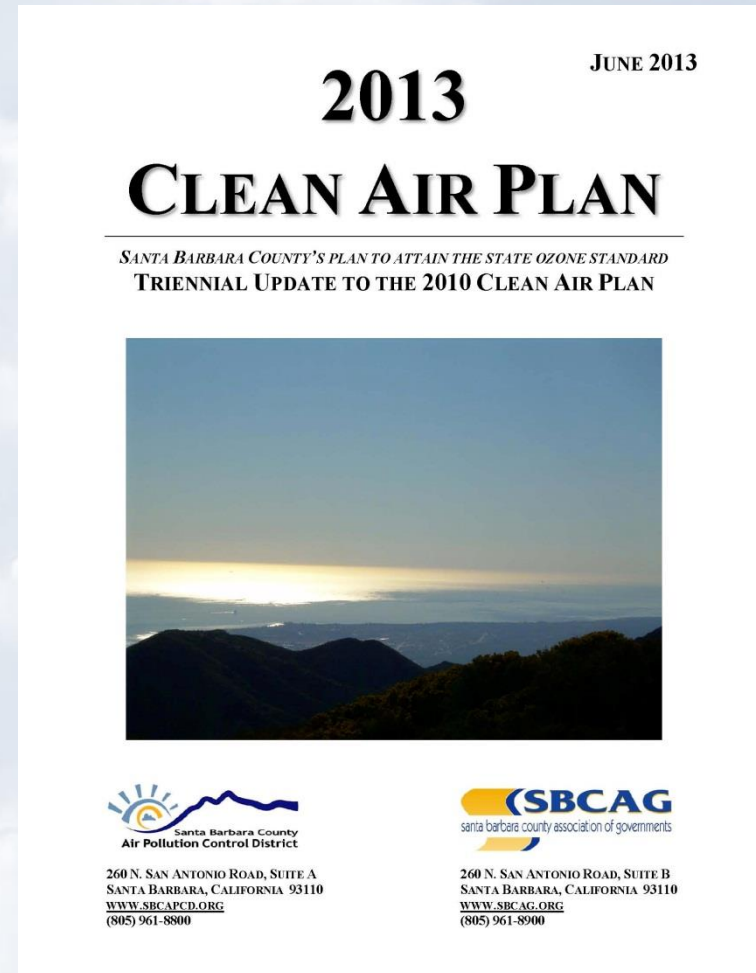
Board of Directors Santa Barbara County Air Pollution Control District

Brian Shafritz, Division Manager

June 20, 2013



www.OurAir.org



Overview

- Background
- Chapters
 1. Introduction
 2. Air Quality
 3. Emission Inventory and Forecast
 4. Emission Control Measures and Rulemaking Update
 5. Transportation Control Measures
- Appendices
- Schedule

Background – State Clean Air Plan

- **Goal**
 - To ensure continued progress towards attainment of the state ozone standards
- **Santa Barbara County**
 - Currently attains federal ozone standard, and state 1-hour average ozone standard
 - Does not attain state 8-hour ozone standard
- **State plans are updated every 3 years**
 - First state Plan adopted by the District Board in 1991
 - 2013 Plan is sixth triennial update

Background – 2013 Clean Air Plan

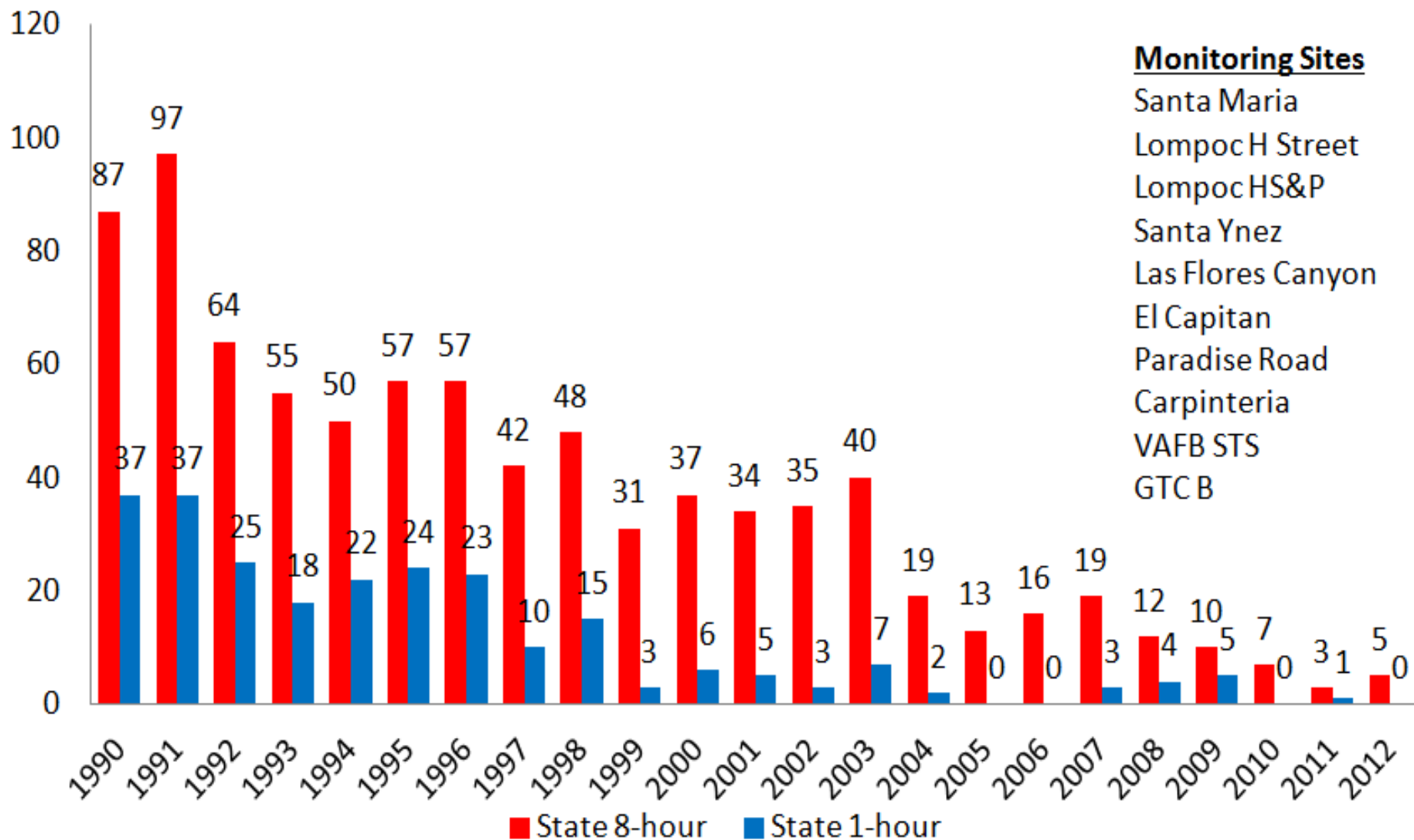
- District's Community Advisory Council (CAC) discussed Plan and reviewed chapters at five meetings starting in 2012
- CAC recommended Board adoption (May 8, 2013)
- Draft Plan released for public review (May 17, 2013)

Chapter 1 - Introduction

- Plan addresses state ozone standard only
- Plan fulfills Health and Safety Code requirements
 - Section 40924 – progress report
 - Section 40925 – review emission reduction strategy
- 2013 Plan looks out to 2030

Chapter 2 – Local Air Quality

Days Exceeding State Ozone Standard

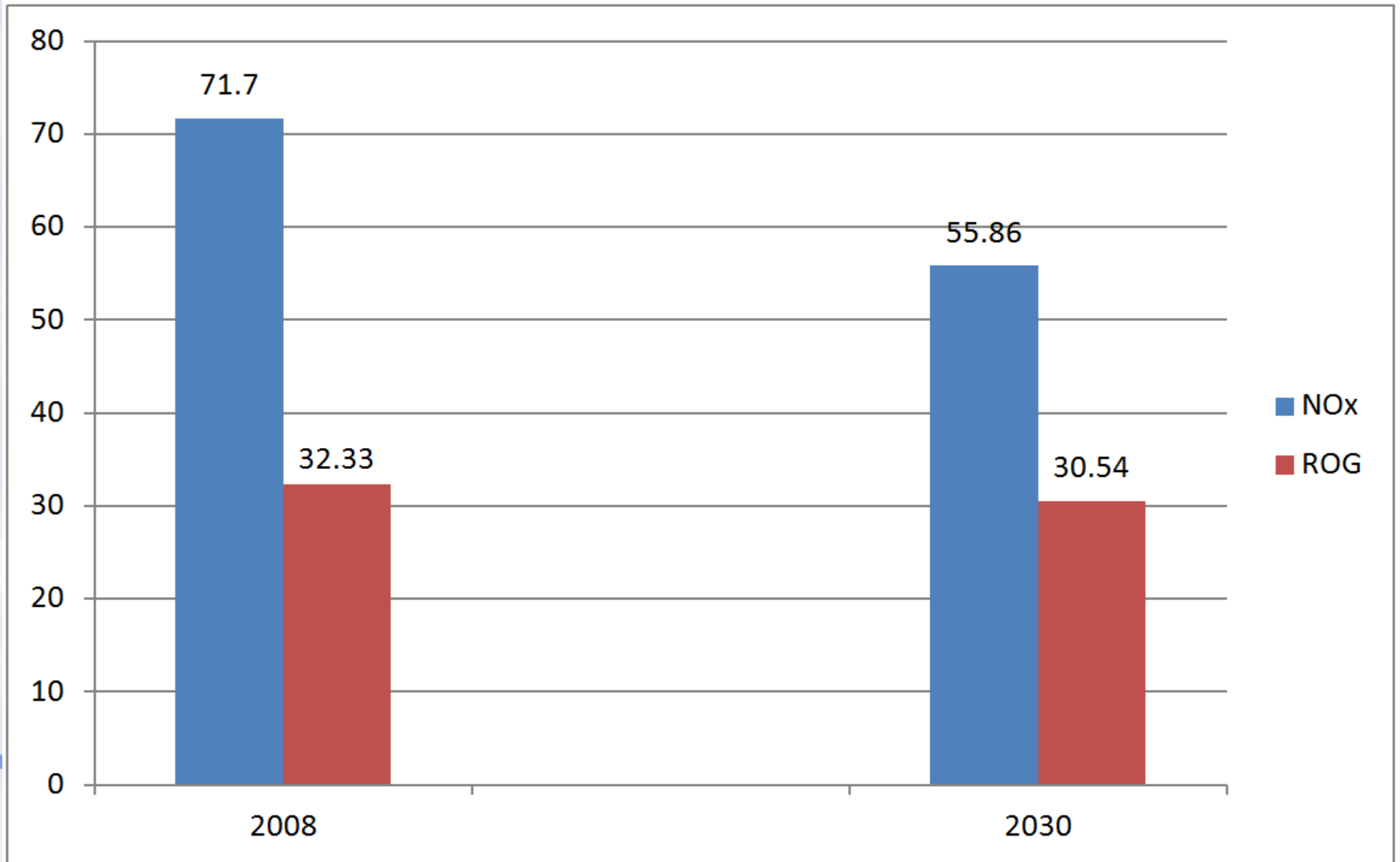


Chapter 3– Emission Inventory

- Focus on ozone-forming pollutants
 - Reactive organic gases (ROG)
 - Nitrogen oxides (NO_x)
- 2008 – 2030 projection
 - Significant reduction in countywide NO_x
 - Smaller reduction in ROG
- Shipping emissions a concern
 - Significant NO_x contribution but outside District's regulatory authority

NOx and ROG Emissions(tons/day)

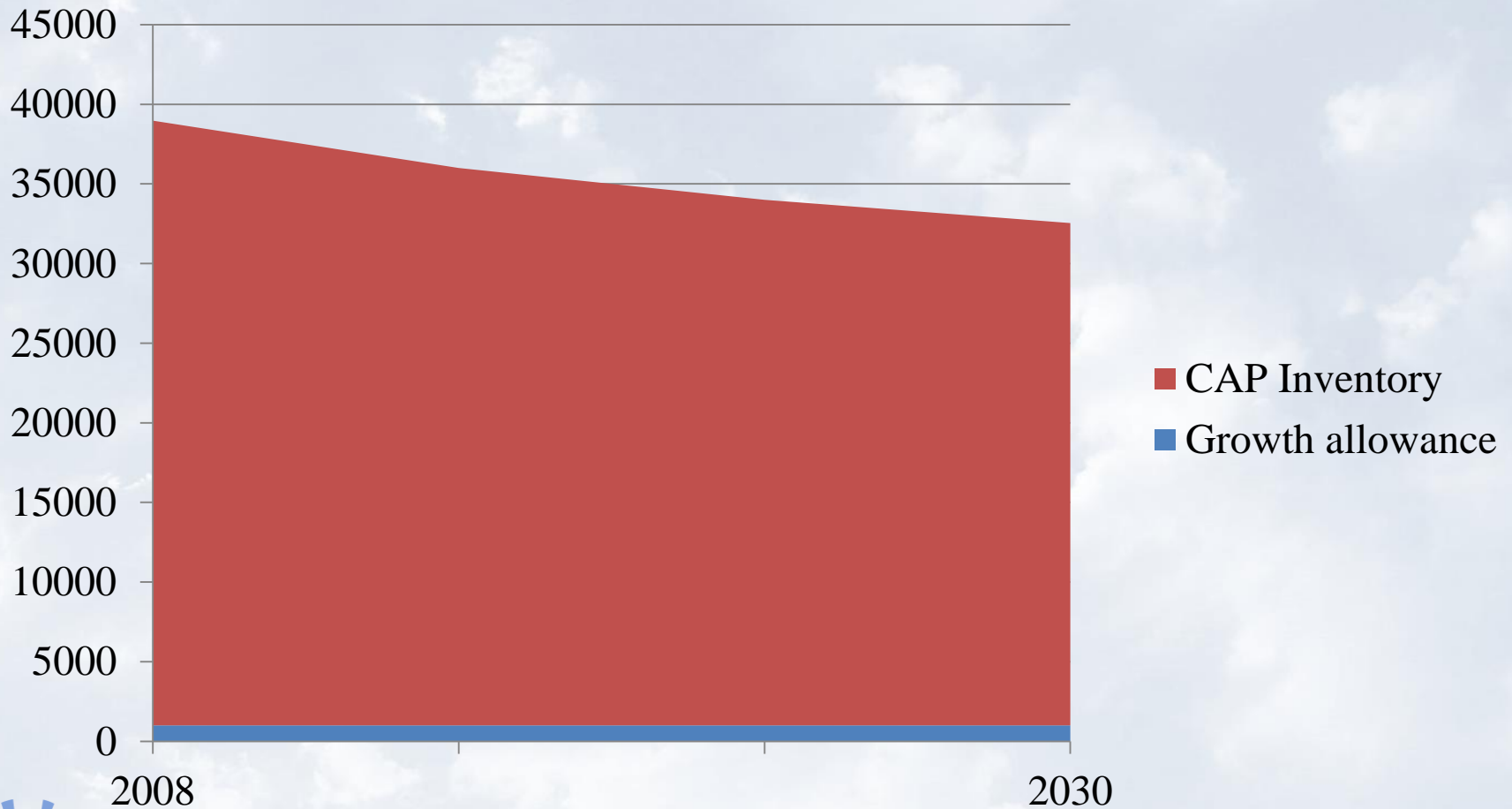
2008 Base Year; Projection to 2030



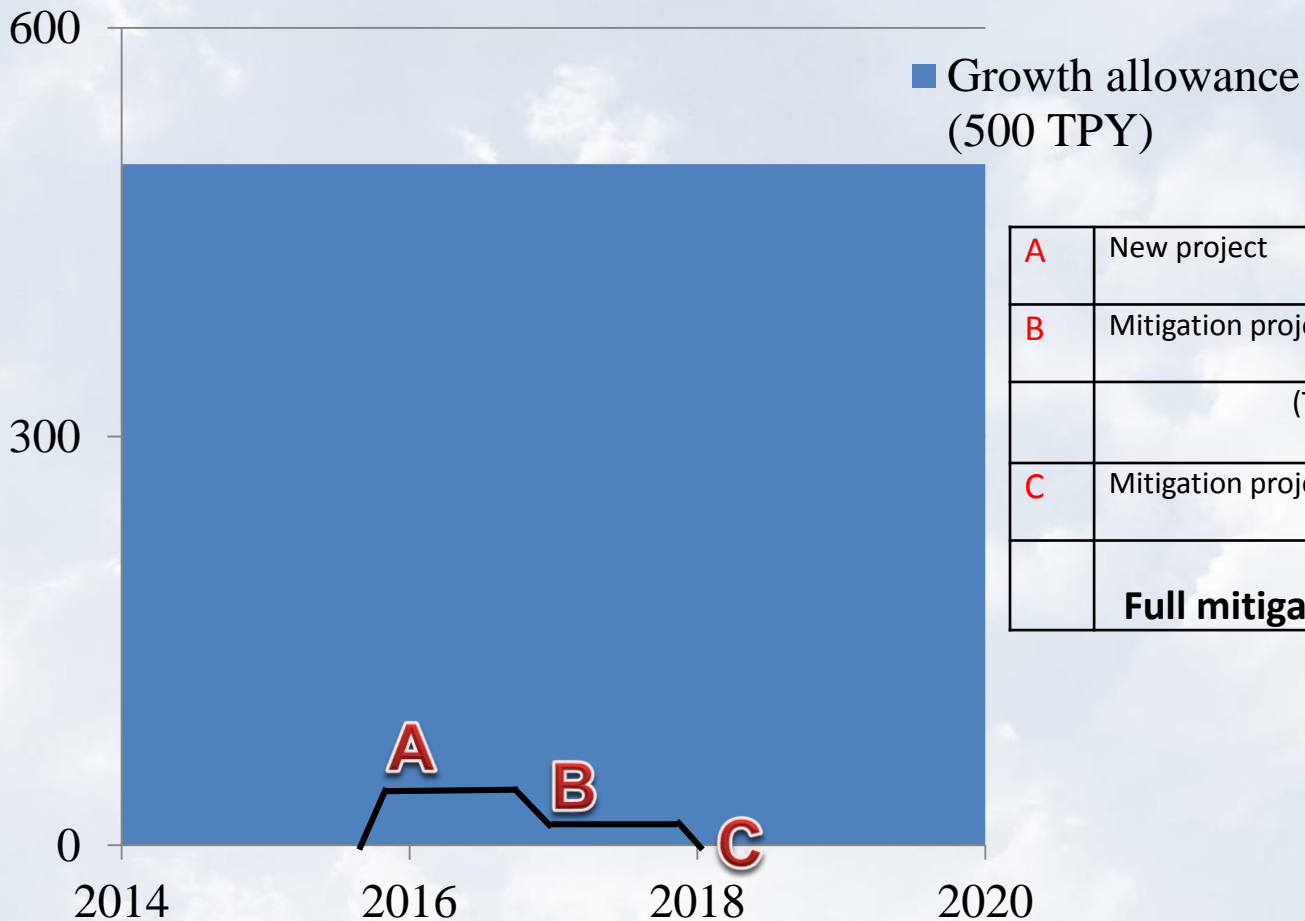
Growth Allowance

- 2013 Plan includes emissions allowance to facilitate solution to offset scarcity issue in County
- Allowance Amount: 500 tons/year combined (0.68 tons/day of ROG and 0.68 tons/day NOx)
- Ozone forming emissions decline substantially from baseline with allowance factored in

ROG and NOx Emissions Tons/Year (2008-2030)



Growth Allowance--Operates as Contingency



A	New project	10 TPY increase	2016
B	Mitigation project # 1	8 TPY decrease	2017
(Temporary 2 TPY increase)			
C	Mitigation project # 2	2 TPY decrease	2018
Full mitigation achieved—No growth			

Chapter 4 – Emission Control Measures

- All feasible measures approach (Health & Safety Code 40914)
 - Cost-effectiveness considered
- Eight stationary source control measures proposed
 - 7 ROG measures covering solvent evaporation, and one NO_x measure for small boilers)
- Stationary Source projected reductions (2008 to 2030)
 - 200 tons/year ROG
 - 5 tons/year NO_x

Chapter 5 – Transportation Control Measures

- Developed by SBCAG under MOU with District
- Several new TCM projects identified
 - Vanpools
 - Bus routes
 - Lompoc Bikeway

Schedule

- Board briefing (today)
- Finalize Plan before Aug. Board meeting
- Aug. 15, 2013; Public Hearing and proposed Board adoption of Plan
- District submits Plan to California Air Resources Board for approval