



AMERICAN LUNG ASSOCIATION®
of California

**Partnering to Further
Awareness and Support**

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AB 32 (Nunez/Pavley)
Global Warming Solutions Act

Greenhouse gas plan may waft across U.S.
Backers hope other states follow California lead.
Sac Bee 9-4-06

California takes lead to cut greenhouse gases
S. Bee
Governor, D

'A CRITICAL STEP' ON WARMING

POWERFUL PLAYER: Air Resources Board stands to gain great economic influence
SF Chronicle 9-1-06

AB 32: The Global Warming Solutions Act of 2006

- Institutes a mandatory cap on greenhouse gases to achieve 25% reduction by 2020.
- California Air Resources Board is charged with implementing this law through a plan that includes regulation and possible market mechanisms.
- Includes language ensuring continued progress toward meeting air quality goals.
- American Lung Association of CA strongly supported passage of the legislation and continues to be actively involved in implementation.

ALA is already combating sources of : Ozone, Particle Pollutants and Global Warming



The cars that we drive



Oil refining



Dirty ships, trucks, and trains that move freight onto our store shelves



Industrial production, including cement production



Distribution and use of fossil fuels



Power plants

Global Warming Impacts



Air Quality Impacts

Sea Level Rise

Heat Waves

Intensity of Storm and Drought Events

Strength and Duration of Hurricanes

Species Extinctions

Coral Reef Bleaching

Enhancement of Disease Vectors

Extreme Heat and Dry Years

Water Shortages

Sierra Nevada Snowpack Reduction

Bay Area Sea Level Rise

Agricultural Impacts

Decreasing Forest Yields

Shifts in Vegetative Cover

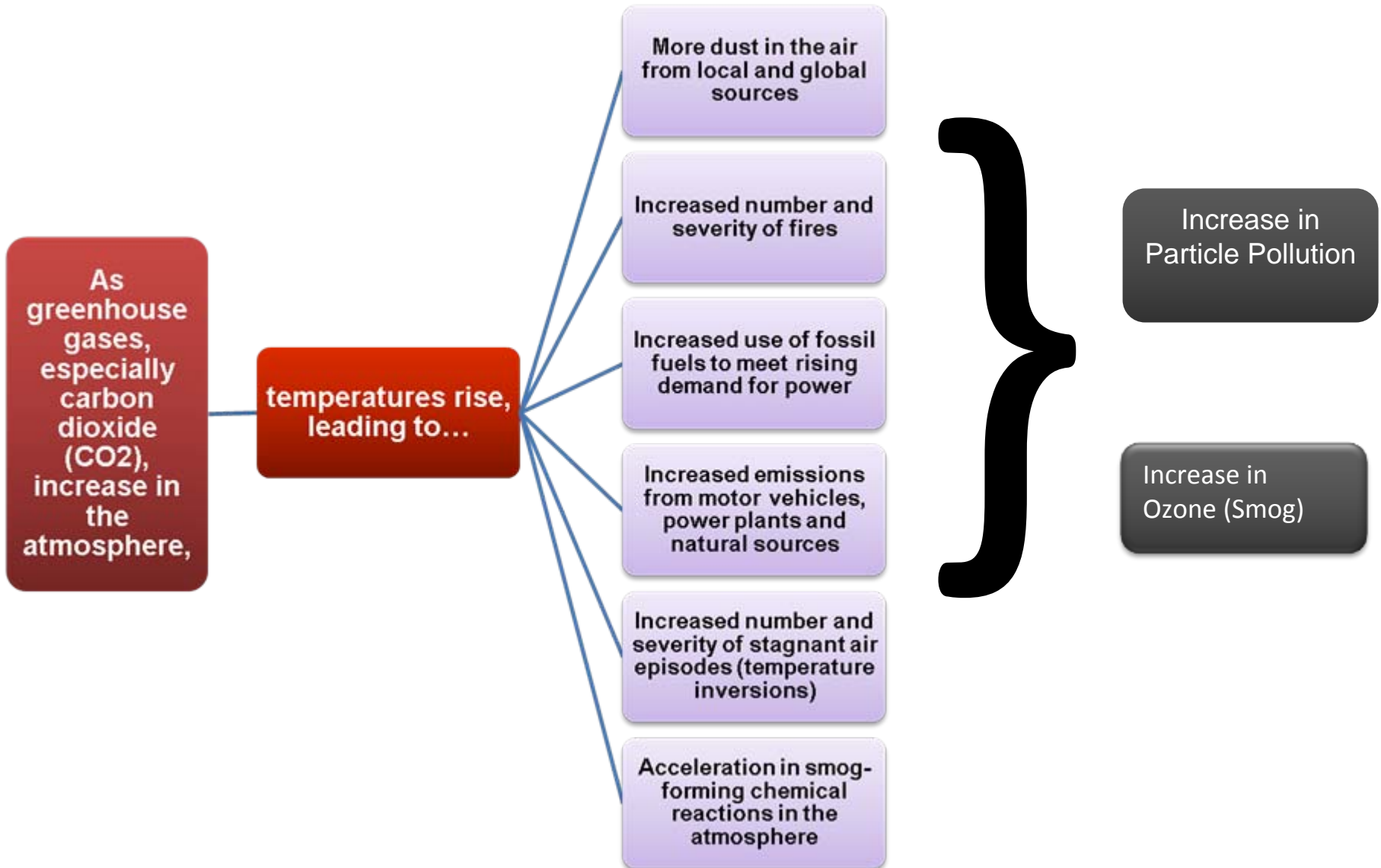
Increased Forest Fires

Ocean Acidification

Stress on Local Ecosystems



How does global warming contribute to unhealthy air?



The big picture...



Global
warming
leads to...



unhealthy air,
which leads
to...



asthma,
lung cancer,
emphysema,
bronchitis, and
general
breathing
problems.

Air Pollution and Global Warming Reduction Strategies Are Complementary

Traditional Greenhouse Gases:

“Kyoto Pollutants”

Carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.

Other Pollutants That Contribute To Warming:

Tropospheric ozone, ozone precursors, black carbon, carbon monoxide, and chlorofluorocarbons and their substitutes.

ALA Public Policy Position

Climate Change

The American Lung Association recognizes that ozone, particulate matter and other pollutants contribute to climate change and that ozone is a potent greenhouse gas. The American Lung Association supports efforts to reduce all emissions that contribute to climate change, including establishing binding limits on emissions, expanding energy conservation and increasing use of renewable sources. Pollution control strategies, including market-based approaches, must directly reduce local adverse air quality impacts in addition to addressing any global impacts. The American Lung Association supports targeting those emissions that contribute to ambient air pollution that can directly and immediately harm health.

at <http://www.lungusa.org/site/pp.asp?c=dvLUK9O0E&b=22995>

Global Warming Policies

(Land use/Energy/Transportation)

- Change land use patterns – follow “smart growth” principles
- Promote alternative transportation modes
- Promote use of fuel efficient and clean alternative fuel vehicles
- Reduce diesel emissions in vehicles and equipment
- Promote renewable sources of energy

Multiple health benefits of promoting alternative transportation:

- Air quality improvement
- Obesity prevention
- Reduction in chronic diseases including lung and heart illnesses
- Reduced premature death rates
- Reduced burden on health-care system
- Improved public safety

Health Network For Clean Air

(selected participants)

- American Lung Association of California
- California Thoracic Society
- American Cancer Society
- American Academy of Pediatrics
- Health Officers Association of California
- Local Medical Societies
- California Nurses Association
- Physicians For Social Responsibility

Making Public Health Voices Heard

- Providing medical experts to speak at state/local workshops and hearings
- Joint letters from public health organizations
- Meetings with local and state elected officials and agency representatives
- Collaboration with local governments
- Collecting/publicizing data on multiple public health benefits

ALAC Endorsements For State/Local Transportation Funding Measures

- Proposition 1 A (High Speed Rail Initiative)
 - - State bond measure
- Measure Q (Santa Rosa)
 - Sales tax increase
- Measure R (Los Angeles)
 - Sales tax increase

Improving Life One Breath At A Time

