

# Alberta's Renewed DRAFT Clean Air Strategy



*CASA Coordination Workshop*

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## Martina Krieger

After graduating with a Master of Science, Biological Sciences, Martina worked as an independent consultant for a couple of years. She joined Alberta Environment in 2004, holding a number of positions. Now Clean Air Strategy Advisor, Martina is helping coordinate the development of the Clean Air Strategy. She also helps coordinate with CASA.

# Why renew the Clean Air Strategy?

- First Clean Air Strategy developed in 1991



- CASA Develops Recommendations for a renewed Clean Air Strategy
- Government of Alberta Working Group Develops Draft Strategy and Action Plan

# Why renew the Clean Air Strategy?

- Our thinking has changed since the first Clean Air Strategy was developed:

**Resource Availability**

**Abundance → Scarcity**

**Media**

**Air → Multi-media**

**Spatial context**

**Point → Non-Point Sources**

**Approach**

**Reactive → Proactive**

**Results**

**Mitigation → Meet Outcomes**

**Systems organization**

**Fragmented → Outcomes**

**Responsibility**

**Single → Collective**

**Performance Measure**

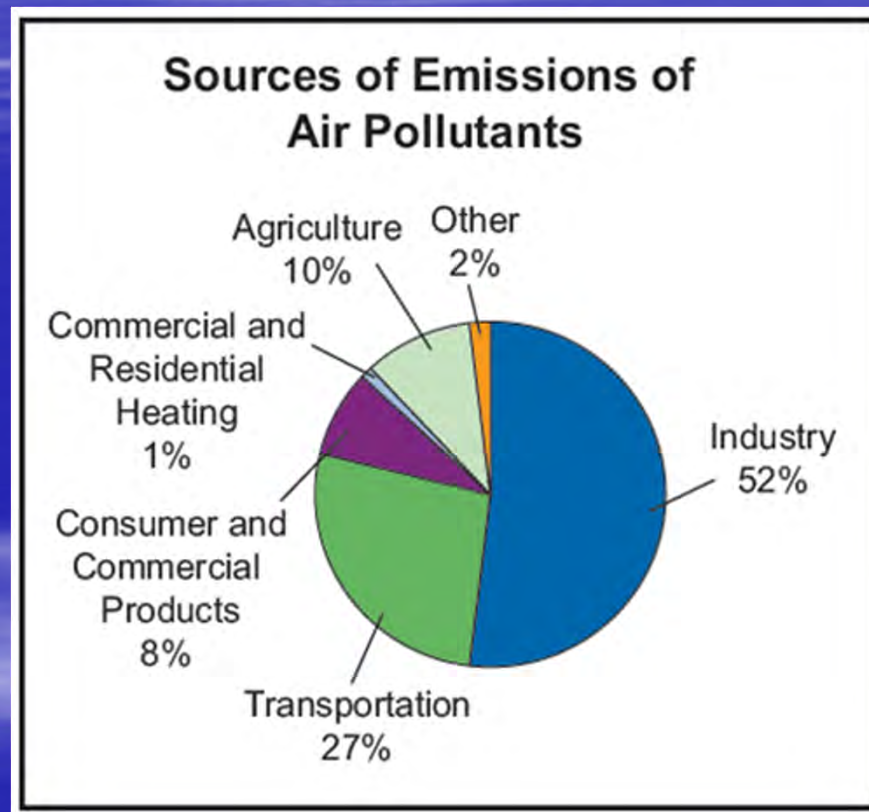
**Ad hoc → Integral to System**

**Tools**

**Regulatory/Education →  
Regulatory/Education/Stewardship/Economic**

# Why renew the Clean Air Strategy?

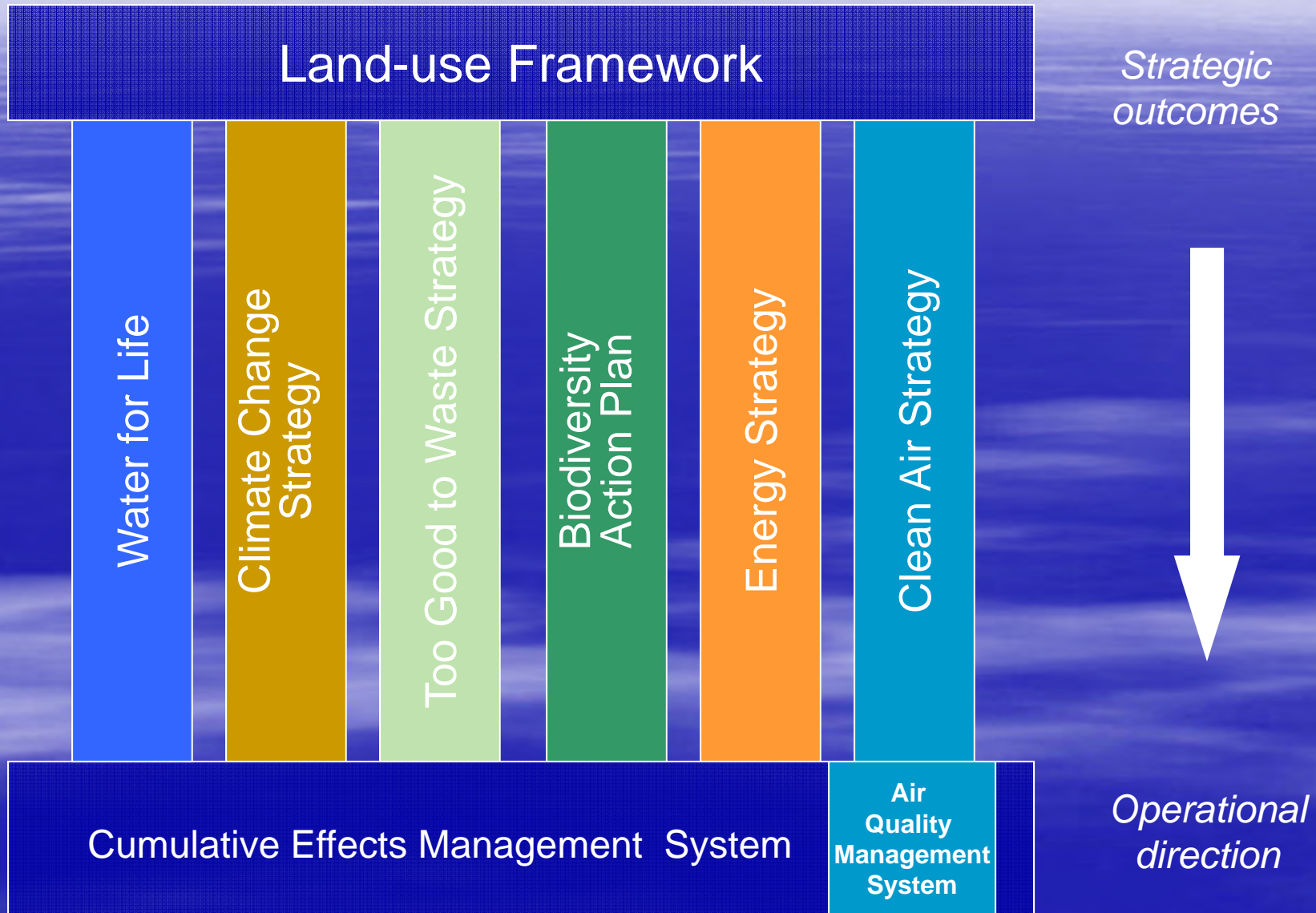
- The impact of non-point emission sources has changed



- Source: Environment Canada (2002 data)

[http://www.ec.gc.ca/doc/media/m\\_124/brochure/images/BR\\_fig3\\_s\\_e.gif&imgrefurl=http://www.ec.gc.ca/doc/media/m\\_124/brochure/BR\\_c1\\_eng.htm&usg=\\_\\_ZEWuwiCaCnIIFdFMNdfICDTpnbU=&h=416&w=450&sz=24&hl=en&start=6&um=1&itbs=1&tbnid=ji\\_AXLHfrtNQfM:&tbnh=117&tbnw=127&prev=images%3Fq%3Dpictures%2Bof%2Bbuilding%2Band%2Bair%2Bpollution%26um%3D1%26hl%3Den%26tbs%3Disch:1](http://www.ec.gc.ca/doc/media/m_124/brochure/images/BR_fig3_s_e.gif&imgrefurl=http://www.ec.gc.ca/doc/media/m_124/brochure/BR_c1_eng.htm&usg=__ZEWuwiCaCnIIFdFMNdfICDTpnbU=&h=416&w=450&sz=24&hl=en&start=6&um=1&itbs=1&tbnid=ji_AXLHfrtNQfM:&tbnh=117&tbnw=127&prev=images%3Fq%3Dpictures%2Bof%2Bbuilding%2Band%2Bair%2Bpollution%26um%3D1%26hl%3Den%26tbs%3Disch:1) (accessed May 19, 2010)

# Strategy Linkages



# *DRAFT* Clean Air Strategy and Action Plan

## STRATEGY OUTCOMES:



The health of Albertans is supported by effective air quality management

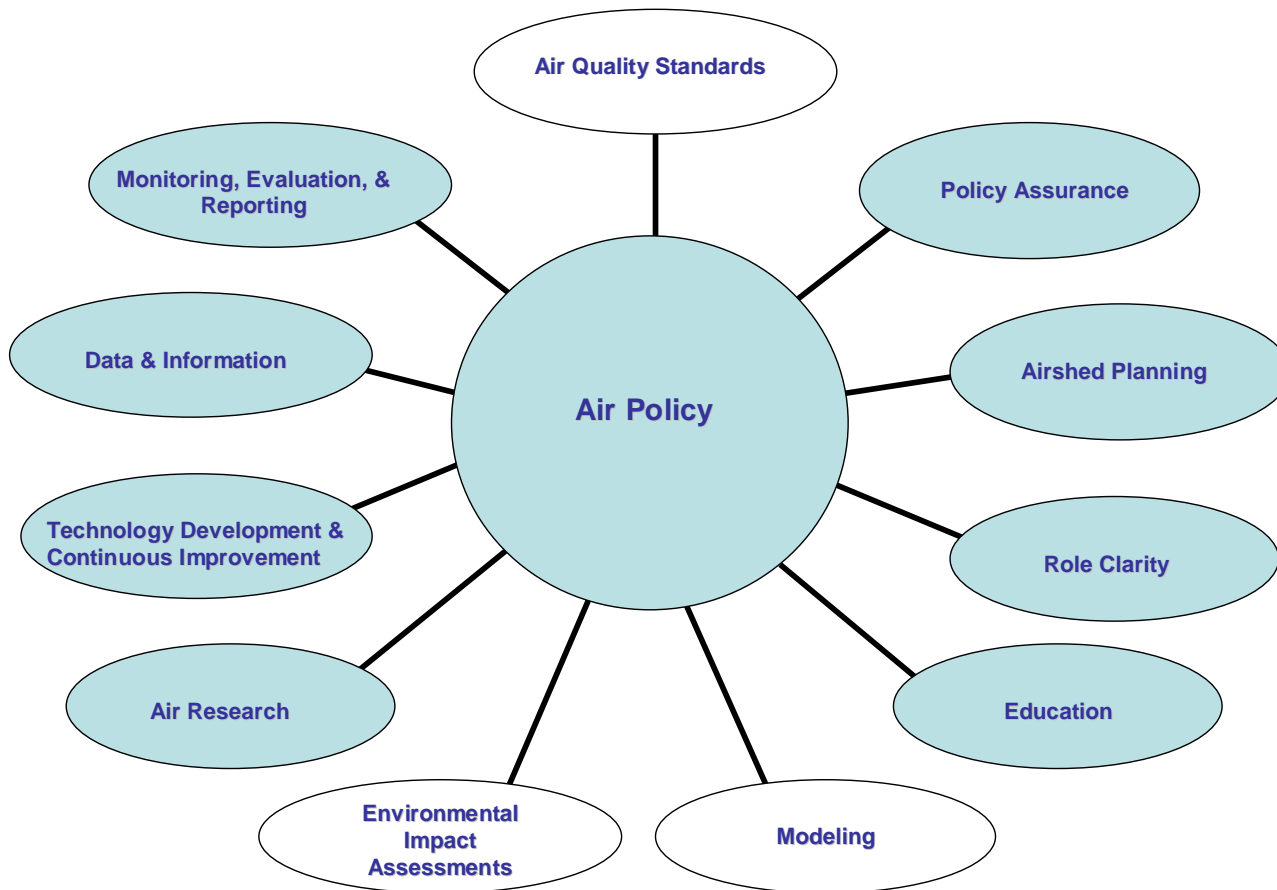
Air quality is managed to maintain, protect, and sustain healthy ecosystems

Air quality management sustains and supports economic prosperity



# *DRAFT* Clean Air Strategy and Action Plan

## Enhanced Air Quality Management System





# ***DRAFT* Clean Air Strategy and Action Plan**

## **Action Plan Directions:**

- 1. Airshed Planning and Management of Non-Point Sources**
- 2. Shared Responsibility and Partnerships**
- 3. Integrated Monitoring, Evaluation, and Reporting**
- 4. Knowledge Enhancement**

# *DRAFT* Clean Air Strategy and Action Plan

## WHAT:

### STRATEGY OUTCOMES:



The health of Albertans is supported by effective air quality management

Air quality is managed to maintain, protect, and sustain healthy ecosystems

Air quality management sustains and supports economic prosperity

## HOW:

**Enhanced Air Quality Management System**

### Action Plan Directions:

1. Airshed Planning and Management of Non-Point Sources
2. Shared Responsibility and Partnerships
3. Integrated Monitoring, Evaluation, and Reporting
4. Knowledge Enhancement

# 1. Airshed Planning and Management of Non-Point Sources

- Integrate Land-use regions and air zones
- Implement Management Frameworks and plans to identify and address air quality issues
- Develop and implement policies to manage non-point source and non-regulated emissions



## 2. Shared Responsibility and Partnerships

- Develop education tools
- Use economic instruments to promote wise choices
- Clarify roles of cross ministry stakeholders and partners
- Coordinate development and integration of air related policies (across GoA, Governments and agencies)



# 3. Integrated Monitoring, Evaluation, and Reporting

- Rationalize monitoring programs
- Enhance data management and access
- Enhance evaluation on the effectiveness of the management system
- Assure timely access to information by enhancing monitoring reporting



# 4. Knowledge Enhancement

- Increase public knowledge related to air quality
- Enhance air research and management
- Encourage continuous improvement in technology development
- Improve knowledge of emissions sources through emission inventories



# Next Steps

## Targeted Stakeholder Engagement Sessions across Alberta

- Final 'check'
- January 2011

## Revised Strategy and Action Plan

- March 2011

## Cabinet Approval and Release

- May – September 2011

# What can we do to reduce our emissions?

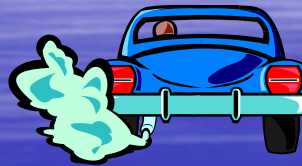


GoA: <http://www.onesimpleact.alberta.ca/solutions/>



# What can we do to reduce our emissions?

- Be Idle-free



- Keep to the speed limit



- Open your vehicle windows

- Check your tire pressure once a month



- Leave the car at home whenever you can



Several large cities, including New York, plan to double bike and pedestrian routes by 2010. Washington, DC, is set to begin a bike-sharing program next fall, and many other cities are considering a similar program. According to the Transportation Institute, and environmental news site, <http://www.earth.com>.

# What can we do to reduce our emissions?

- Limit backyard fires



- Get your furnace checked



- Regularly service smaller engines



# Questions

