



# The Air Quality Management System Update

CPANS A&WMA EDMONTON

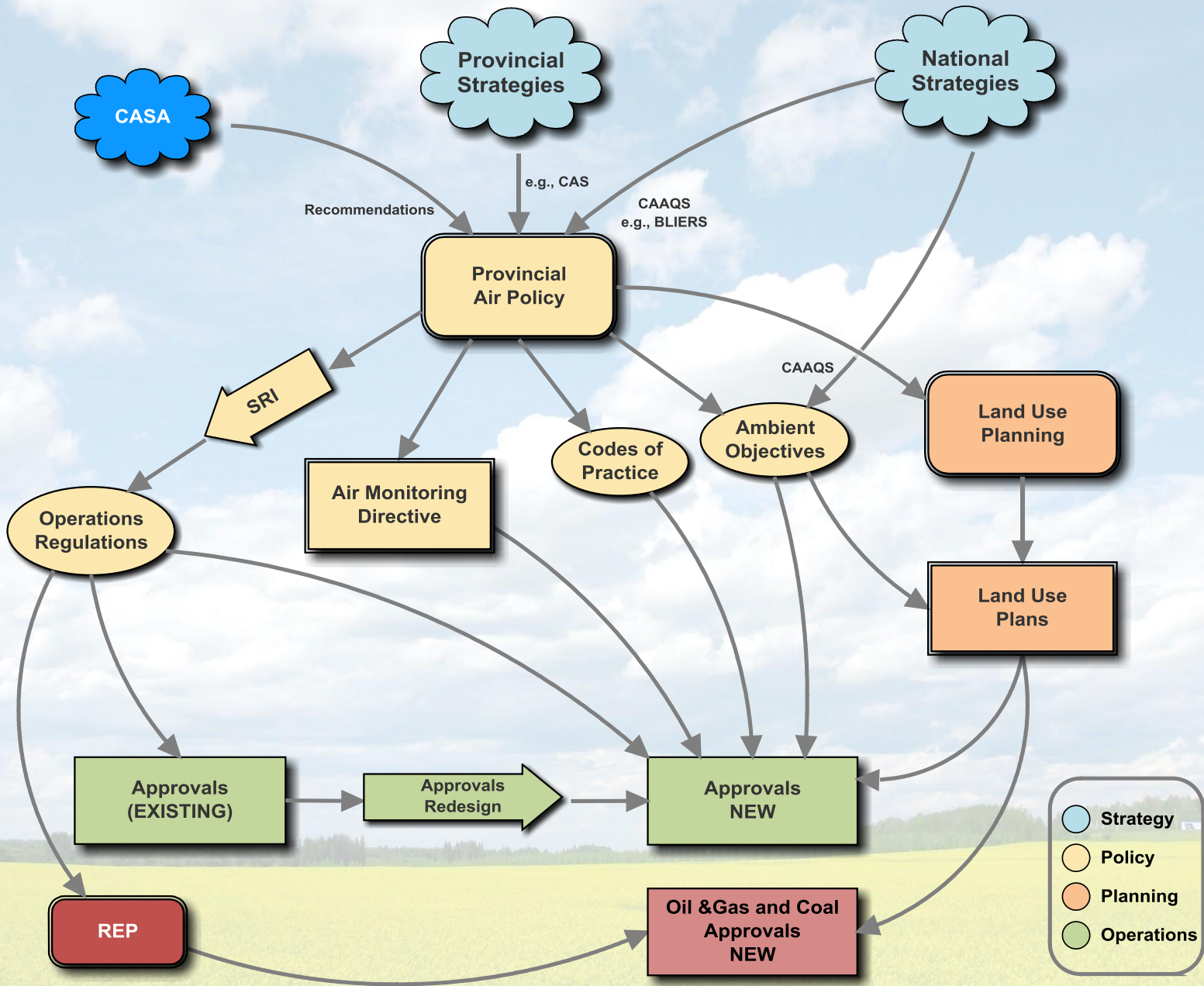
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# AIR QUALITY MANAGEMENT SYSTEM

## Status Dashboard

### THE WHOLE SYSTEM

COLLABORATION  
ACCOUNTABILITY

FOUNDATION

CAAQS

DRIVER

AIRSHED  
COORDINATION

INDUSTRIAL  
EMISSION  
REQUIREMENTS

MECHANISMS

AIR ZONE  
MANAGEMENT

MOBILE  
SOURCES

- Continued stakeholder engagement at System and driver/mechanism levels
- Air zone monitoring and reporting Began in 2014

- CAAQS for PM<sub>2.5</sub> and ozone complete - published in Canada Gazette in 2013
- Development of CAAQS for NO<sub>2</sub> and SO<sub>2</sub> underway

- Airsheds finalized in 2014

- Provinces and territories delineated air zones in 2013
- Management levels determined in 2014
- Air quality reporting in 2015

Federal Implementation of BLIERs under CEPA 1999

*Phase 1- Implementation mechanisms under development*

- Cement, boilers and heaters, reciprocating engines
- Aluminum and alumina

*Phase 2*

- Iron and steel, oil sands, potash, pulp and paper, iron ore pellets

*Phase 3*

- Upstream oil and gas, oil sands, petroleum refining, base metal smelters
- Timing to be determined*
- VOC emissions from hydrocarbon sources, combustion turbines, chemicals, coal-fired electricity

- mobile sources action plan developed for ministers' approval

Legend	
	Implementation
	Development

Education Toolkits  
Public awareness campaigns  
Vehicle Inspection Offers

**Stewardship / Education**

Violation fines  
Stewardship grants  
Tradable permits  
Trading markets

**Market-Based / Economic Incentives**

Retiring Old Vehicles Incentive Program

**Air Policy Tools**

**Point Sources (industrial)**

**Non-Point Sources (e.g. vehicles)**

**Area Sources (e.g. agriculture, forest fires)**

Acts, Regs, Codes  
Permits, Authorization, Licenses  
Framework triggers  
Airshed Emission Caps  
Anti-idling bylaws  
Building codes  
Vehicle Registration

**Command & Control**

## Policy drivers/challenges moving forward:

- The headlines
  - Edmonton vs Toronto air quality
  - The coal fired electricity issue
  - Industrial odour issues
- The report cards -Exceedance of national standards
- Need for new rules for permitting in stressed airsheds
- The F/P/T negotiations on AQMS
- The Land Use Plan frameworks
- The list goes on ...

# Questions:

