

## THE BOW VALLEY

The Bow Valley is a unique and beautiful valley characterized by clean, crisp mountain air and clear views of glorious mountain peaks. These attributes continue to attract more people to the Bow Valley and result in expanding residential areas and tourism in the valley. The Bow Valley is also a major transportation corridor and industrial center. These factors are placing increasing pressure on the air quality of the Bow Valley. Fortunately, we are working to expand our knowledge of air quality issues in the Bow Valley and our ability to respond to and address these issues is increasing.

## WHAT IS BVCAS?

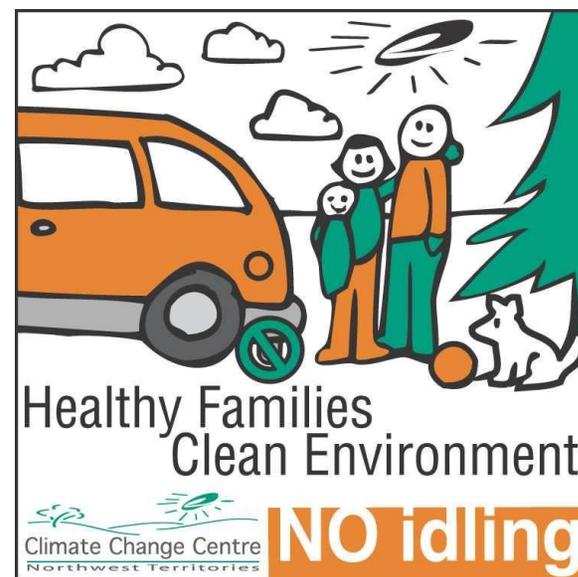
The BVCAS is a non-profit organization that strives to preserve, protect, and improve the air quality in the Bow Valley by:

- Raising public awareness within our community of air quality issues both locally and globally;
- Empowering individual citizens and encouraging governments to take actions to protect the air of the Bow Valley and minimize greenhouse gas emissions; and
- Facilitating the implementation of practical solutions to enhance the air quality in the Bow Valley.



## DID YOU KNOW?

- About 1 kilogram of  $CO_2$  is released into the air for each kilowatt-hour of electricity that is produced. This is equivalent to a 60-watt light bulb being left on for 2.5 hours per day for a week.
- As Canadians, we use more energy per capita than the citizens of any other country in the world!
- That it only takes 30 minutes of running your gasoline power lawn mower to emit as much pollution as driving your car for 275 km!
- There is approximately 1.6 million litres of fuel wasted in a year by idling light duty vehicles in Canada for five minutes per day.



## WHAT YOU CAN DO:

- Cycle or walk to work, the grocery store and the video store.
- Use public transit or work from home.
- Reduce your driving speed and do not idle your car.
- Choose a vehicle with good gas mileage (less than 7L/100 km.)
- Use ethanol-blended gasoline.
- Wash clothes in cold water. Hang clothes to dry.
- Install programmable thermostats.
- Install compact fluorescent lighting.

- Purchase green power.
- Design your home to maximize solar benefits and minimize heating fuel.
- Buy locally and seasonally. The average food item travels 2000 km.
- Vacation locally. Air travel is the most greenhouse intensive form of travel

#### PROJECTS UNDERTAKEN:

- Education Initiative with local schools
- Informational sessions on clean air
- Environment Canada's "Burn it Smart Wood Stove Program"
- Local Air Advocacy Initiatives
- Work with local industries and individuals to ensure emissions are minimized

To reduce emissions of harmful air pollutants and greenhouse gases in the Bow Valley, BVCAS promotes:

- Energy Efficiency
- Sustainable Living
- Alternative Energy
- Alternative Transportation
- Car Pooling
- Fuel Efficient Vehicles
- Anti Idling

- Seal cracks around doors and windows and save up to 20% of your heating bill.
- Buy energy efficient appliances. Refrigerators are 200% more efficient than they were 25 years ago.
- Use low flow showerheads and reduce the energy consumed in an average shower by 65%.

- Carpool by visiting: <http://www.carpoolworld.com> or <http://www.carpool.ca>
- Take the Community Challenge.
- Join the Bow Valley Clean Air Society.



#### HOW TO JOIN:

As a member of the Bow Valley Clean Air

# Bow Valley Clean Air Society (BVCAS)

**STRIVING TO PRESERVE,  
PROTECT, AND IMPROVE  
THE AIR QUALITY IN THE  
BOW VALLEY.**



[www.bowcleanair.org](http://www.bowcleanair.org)

Society, you will be supporting the work and activities of BVCAS.

Annual membership fees are a minimum \$10 for an individual or \$15 for a family. Provide family member names if choosing the family plan.

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e Bow Valley Clean Air Society; my contact information is below.

Yes, I would like to be added to the Bow Valley Clean Air Society's email list and receive regular updates from BVCAS.

Please print

Name(s): \_\_\_\_\_

Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Date: \_\_\_\_\_

Please send membership form, along with a cheque made payable to Bow Valley Clean Air Society to the following address:

The Bow Valley Clean Air Society  
513 - 4th Street  
Canmore, Alberta T1W 2G6

QUESTIONS?

Email: [info@bowcleanair.org](mailto:info@bowcleanair.org)

Website: [www.bowcleanair.org](http://www.bowcleanair.org)