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**Physicians**  
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**Asthma.ca**  
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THE  **LUNG ASSOCIATION™**  
Alberta & NWT

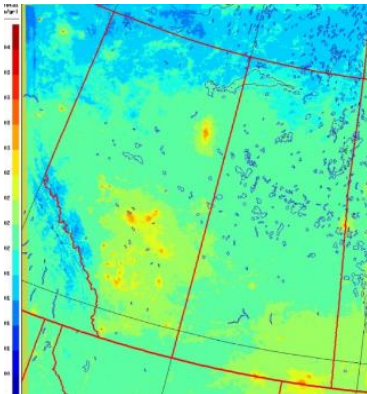
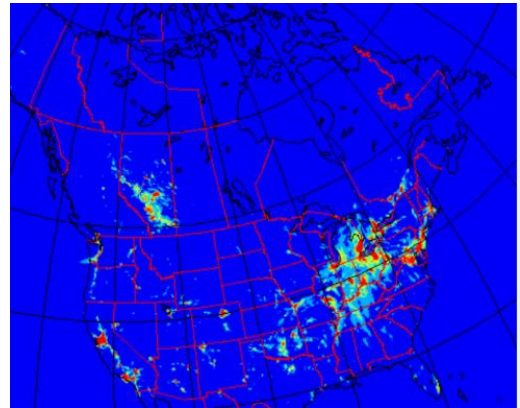
## Press Release

### Modelling results illustrate the impact of coal plants in Alberta - October 8, 2015


CAPE, The Lung Association and the Asthma Society of Canada point to modelling results produced by Environment Canada that demonstrate the extent to which coal plants impact air quality in Alberta.

“These maps show us how Alberta’s air quality compares with the rest of Canada” offered Dr. Joe Vipond, CAPE spokesperson. “It is equivalent to the northeastern United States with its plethora of coal plants, industry, and high density population.”

The air modelling results were produced by Environment Canada and presented at the February 2015 AEMERA Oil Sands Monitoring Conference.



“The modelling results demonstrate that air emissions from point sources such as coal plants in Alberta reach almost all corners of the Province” offered Leigh Allard, President and CEO of The Lung Association of Alberta and North West Territories.

The video, which models sulphur dioxide (SO<sub>2</sub>) emissions from point sources across Alberta, has been produced to a 2.5 km resolution. It uses 2010 emissions data for the oil sands region, 2006 emissions data for the rest of Canada, and meteorology for 2013. The time period modelled was August 10<sup>th</sup> to September 10<sup>th</sup>, 2013.  [SO2Alberta.mov](#)

“The video demonstrates the true impact of these plants; how far air pollution can travel when it released from tall stacks” noted Noah Farber, Acting President & CEO of the Asthma Society of Canada.

For more technical details and high resolution figures, please see the Pembina Website at:  
<http://www.pembina.org/blog/new-images-of-air-pollution-in-alberta>

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