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## “Health Impact of Clean Energy”

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Opens on Dr. John Howard, Chair of CAPE and Pediatrician of London Children’s Hospital.

Dr. Howard: I’m Doctor John Howard and I’m the Chair of the Canadian Association of Physicians for the Environment.

Cut to close up of Dr. Howard.

Dr. Howard: We see the negative effects of the environment on the health of our patients and the health of ourselves.

Cut to Graph Visual.

Dr. Howard: Increasing numbers of respiratory illnesses. We see increasing numbers of cardiac illnesses. All go back to pollution.

Cut to shot of doctor with patient.

Dr. Howard: It’s very important that we not just try to treat the diseases but we look at the prevention of it. I think physicians have a special role in looking at the prevention of diseases.

Cut to close up of Dr. Howard.

Dr. Howard: Which more and more is becoming related to the environment and I think we have to take a role in looking after the environment.

Cut to shot of Dr. Howard.

Dr. Howard: Coal is uh, coal is a big villain. It’s probably villain number 1 when it comes to energy.

Cut to close up of Dr. Howard.

Dr. Howard: It is, by far, the most polluting energy generation system we have.

Cut to shot of coal chimney with smoke billowing from the top.

Dr. Howard: It produces Carbon Dioxide. It puts a lot of poisons in the air. Arsenic, Cadmium, lead, mercury. It launches these things into the air, which you and I have to breath, we have to drink, we have to eat.

Cut to Mortality Rates Graph.



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Dr. Howard: Mortality per unit of energy created is 35-65 times higher with Natural Gas and Coal compared to wind energy.

Cut to shot of Dr. Howard.

Dr. Howard: We have to move away from Coal.

Cut to shot of wind turbine.

Dr. Howard: The Chief of public health of Ontario, has carefully looked at Wind Energy and found it to be a safe alternative. Wind can go from a distant fourth generation capability to number 1 and I'd like to see that.

Cut to close up of Dr. Howard.

Dr. Howard: If we get rid of Coal generation we will be a leader in North America and we can then say to our partners elsewhere in Canada and south of the border, that we managed to get rid of coal generation. We managed to get that out of our atmosphere and you can do it as well.

Cut to shot of Wind Turbine.

Dr. Howard: Wind, compared to the other energy generating systems, is much safer.

Cut to Samsung C&T Logo