Prioritising clean air and active travel for schools

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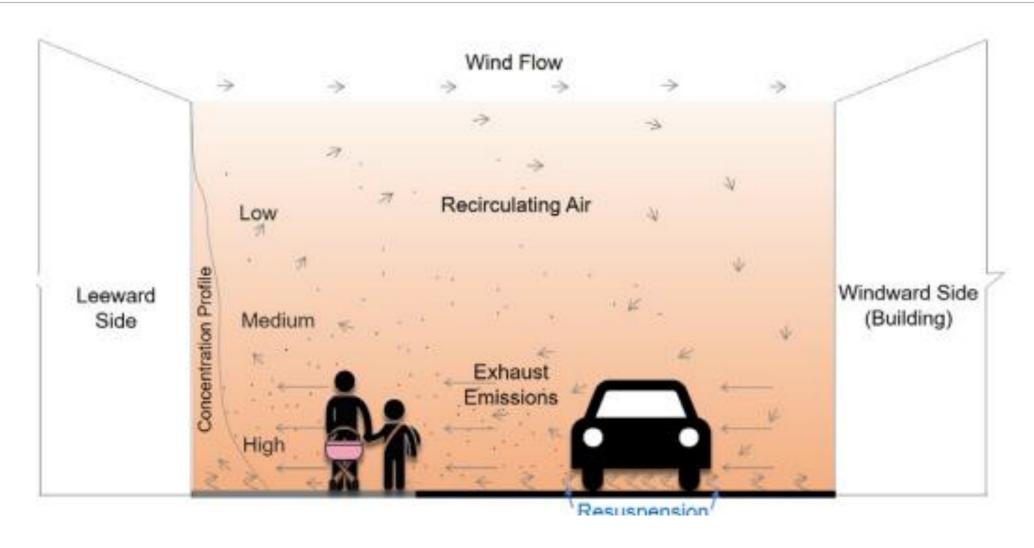


Introduction





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https://www.surrey.ac.uk/sites/default/files/2021-01/mitigating-childrens-exposure-to-traffic-pollution-english-version.pdf



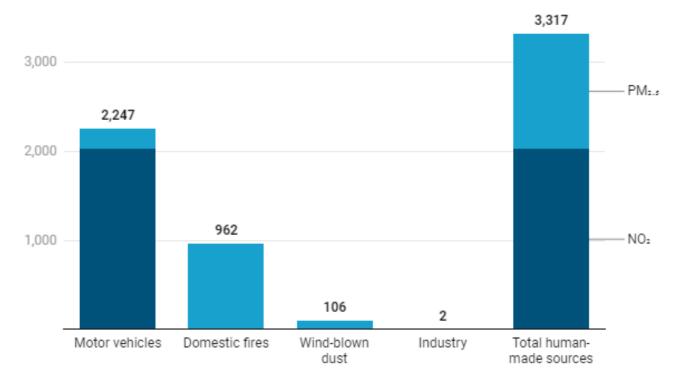




First let's talk about the numbers....

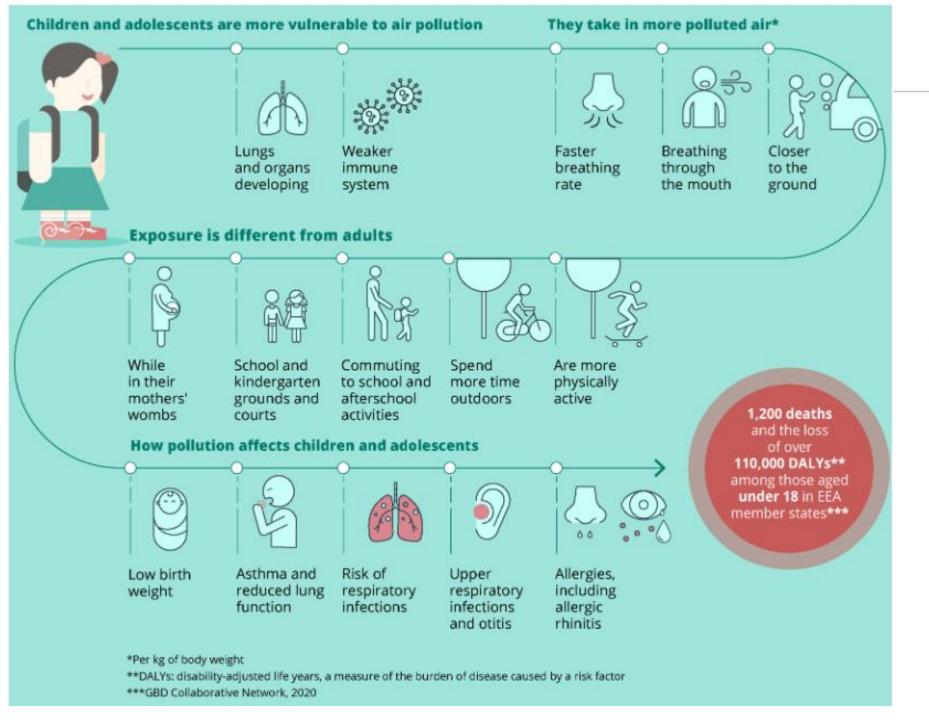


Air quality and health outcomes



Source: HAPINZ 3.0 • Get the data • Created with Datawrapper

Figure 1: Number of premature deaths due to human-made air pollution (NO₂ and PM_{2.5}) in New Zealand in 2016, by air pollutant and source of air pollution (people aged 30+ years)



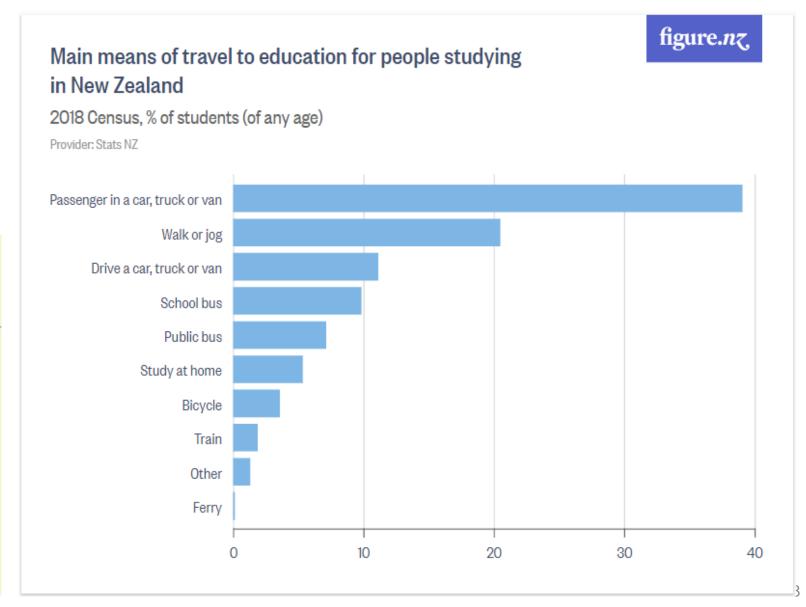
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Air quality impact on our tāmariki?



How do we travel to education?

By Home-to-School Distance			
	Within 2.25 km	Between 2.25 km and 4.0 km	Beyond 4.0 km
d	58%	14%	1%
	6%	6%	1%
***	21%	58%	45%
	1%	8%	34%
Other modes:	14%	14%	19%



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What does this all add up to?

Air pollution more harmful to children in cars than outside, warns top scientist

Exclusive: Walking or cycling to school is better for children's health as cars are 'boxes collecting toxic gases' says David King

 Opinion: Smoking in cars is banned. But children still inhale toxic fumes in backseats



Air pollution worse inside London classrooms than outside, study finds

Exclusive: study of schools in capital finds dangerous levels of fine particulate pollution within classrooms, putting children at risk



☼ The mayor of London, Sadiq Khan, has announced a £1m fund to help tackle air pollution in schools. Photograph: Stefan Rousseau/PA Images

Children in London schools are being exposed to higher levels of damaging air pollution inside the classroom than outside, putting them at risk of lifelong health problems, a new study has revealed.



So, what can we do?



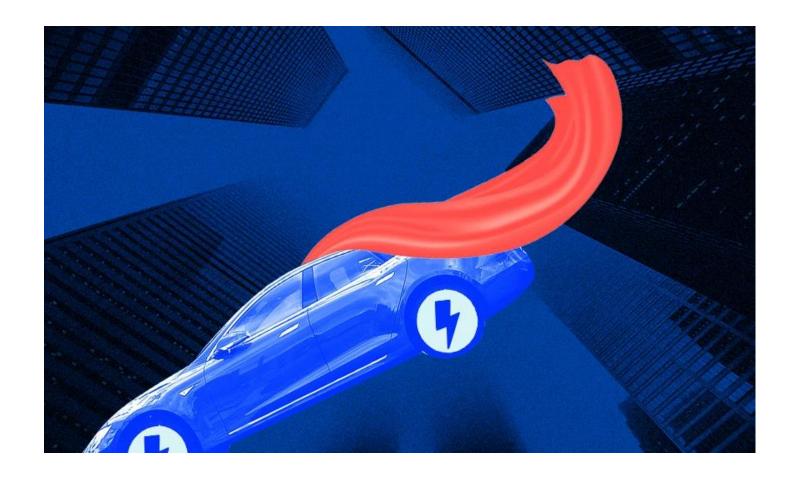
Social license





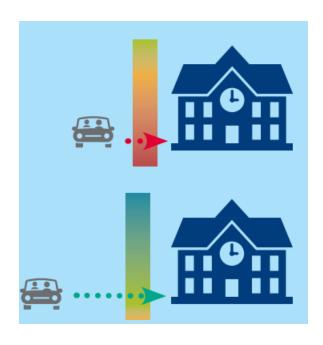


Electric vehicles are not going to save us





Plan for active travel



https://www.actionforcleanair.org.uk/schools/schools-vision









Enable active travel



Focus on emissions at the school gate







Electric vehicles may not be here to save us but.....

Ngā mihi nui

Questions?

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