



## SENATE SELECT COMMITTEE ON ELECTRIC VEHICLES

### Canberra public hearing —17 August 2018 Questions on Notice —Dr Liz Hanna

Dr Hanna provided the following information:

At the hearing in Canberra I advised I would submit some supporting information /reference material to the Committee.

Please find the following:

1. Information re the costs of worker injury- see Safework Australia website.

<https://www.safeworkaustralia.gov.au/statistics-and-research/statistics/cost-injury-and-illness/cost-injury-and-illness-statistics>

Here are a few links to articles that have attempted to quantify the health costs arising from transport emissions & Climate change. Our CAHA one ( see details below)), for example calculated the cost deriving from the *Hunter Coal industry*. It uses methodology used elsewhere – as differing research groups include /exclude differing components – so their estimates per unit of coal vary.

Coal and health in the Hunter: Lessons from one valley for the world. Melbourne: Climate and Health Alliance (CAHA); 2015 February. pp68. Available from: [http://caha.org.au/wp-content/uploads/2010/01/Climate-and-Health-Alliance\\_Report\\_Layout\\_PRINTv2.pdf](http://caha.org.au/wp-content/uploads/2010/01/Climate-and-Health-Alliance_Report_Layout_PRINTv2.pdf).

The reference list shows the sources

Diaz D, Moore F. Quantifying the economic risks of climate change. *Nature Clim Change*. 2017; 7 (11): 774-82. 10.1038/nclimate3411  
<http://www.nature.com/nclimate/journal/v7/n11/abs/nclimate3411.html#supplementary-information>. Available from: <http://dx.doi.org/10.1038/nclimate3411>.

Moore FC, Baldos U, Hertel T, Diaz D. New science of climate change impacts on agriculture implies higher social cost of carbon. *Nature Communications*. 2017; 8 (1): 1607. 10.1038/s41467-017-01792-x. Available from: <https://doi.org/10.1038/s41467-017-01792-x>. (This one is a bit weird in that its modelling suggests that Ag in Australia will improve – not many m people/researchers agree)

Chaturved V. The Costs of Climate Change Impacts for India. A Preliminary Analysis. CEEW Working Paper 2015/11. New Delhi: Council on Energy, Environment and Water; 2015 March.p. pp40. Available from: <http://ceew.in/pdf/ceew-cost-of-climate-change-impacts-for-india-2-apr-5.pdf>.

[The Costs of Climate Change Impacts for India](#)

ceew.in

March 2015 | New Delhi, India The Costs of Climate Change Impacts for India A Preliminary

HEAL. Hidden Price Tags. How Ending Fossil Fuel Subsidies Would Benefit Our Health. Health and Environment Alliance (HEAL); 2017 14th February Available from: [http://env-health.org/IMG/pdf/healthandenvironmentalliance\\_hidden\\_price\\_tags\\_report.pdf](http://env-health.org/IMG/pdf/healthandenvironmentalliance_hidden_price_tags_report.pdf).

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[HEALTH AND ENVIRONMENT ALLIANCE HIDDEN PRICE TAGS](http://env-health.org)

[env-health.org](http://env-health.org)

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The Lancet Commission on *Health and Climate Change*, <http://www.thelancet.com/climate-and-health>

THE LANCET

[Health and climate change - TheLancet.com](http://www.thelancet.com)  
[Homepage](http://www.thelancet.com)

[www.thelancet.com](http://www.thelancet.com)

The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health

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With their latest report being . . . . .

Watts N, Amann M, Ayeb-Karlsson S, Belesova K, Bouley T, Boykoff M, et al. The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. *The Lancet*. 2017; 30th October pp50. 10.1016/S0140-6736(17)32464-9. Available from: [http://dx.doi.org/10.1016/S0140-6736\(17\)32464-9](http://dx.doi.org/10.1016/S0140-6736(17)32464-9).

This has a section on economics – and it highlights the difficulties in measuring / guesstimating the health costs, and the low priority given to human health which is curious, as that equates to ***human survival***. The political world is clearly more focused on infrastructures, and costs of assets. This makes the health sector furious!