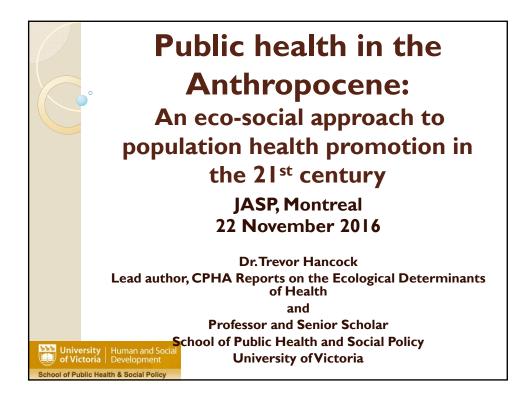
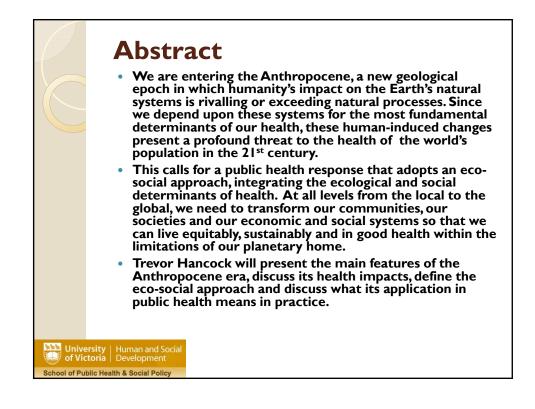
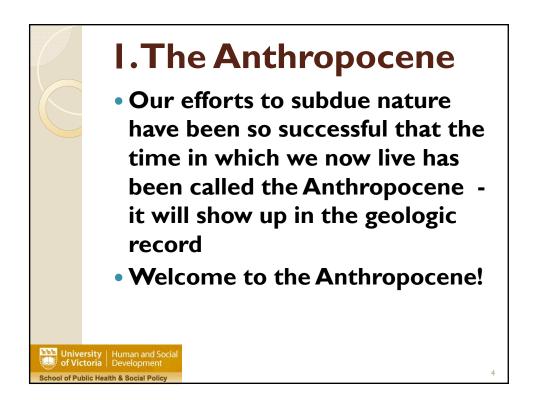
Cette présentation a été effectuée le 22 novembre 2016, lors de la plénière dans le cadre des 20<sup>es</sup> Journées annuelles de santé publique (JASP 2016). L'ensemble des présentations est disponible sur le site Web des JASP à la section *Archives* au : http://jasp.inspq.qc.ca.



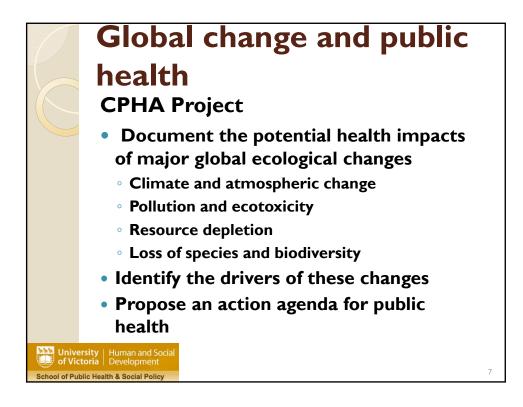






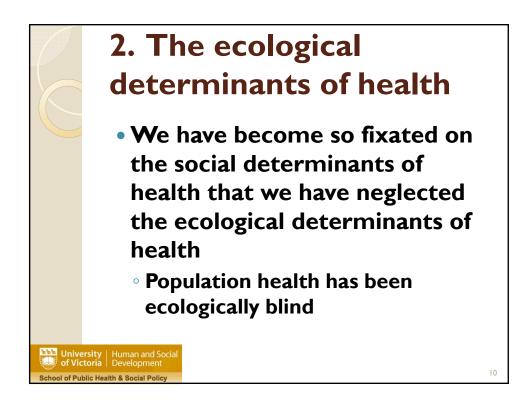












#### The ecological

#### determinants of health

We depend on ecosystems for the very stuff of life:

- Air
- Water
- Food
- Fuel and materials
- Protection from UV radiation
- Waste recycling and detoxification and
- A relatively stable and livable climate.

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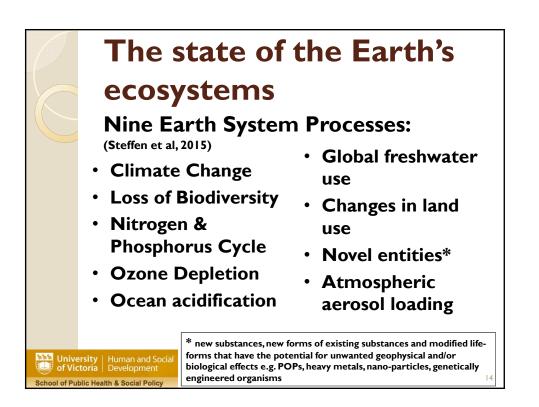
## Its more than climate change!

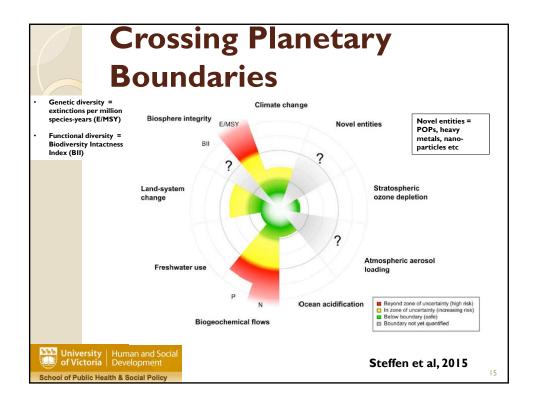
**Global ecological change includes** 

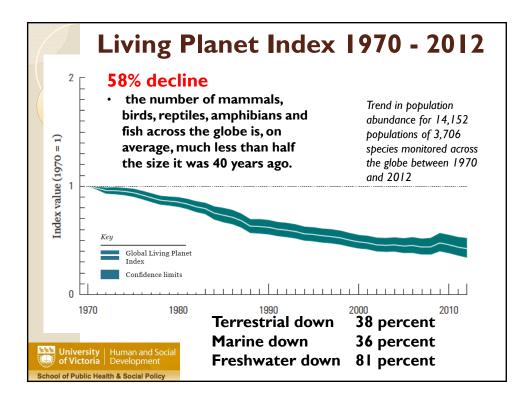
- Climate and atmospheric change
- Resource depletion

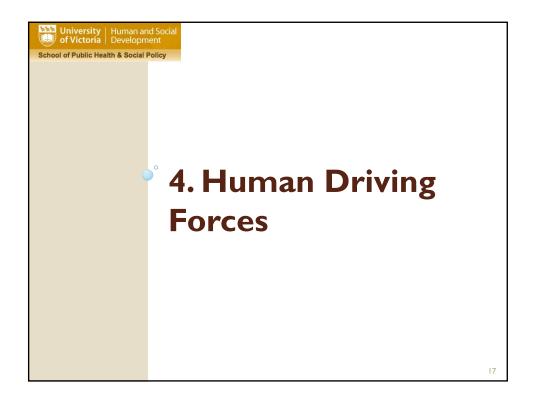
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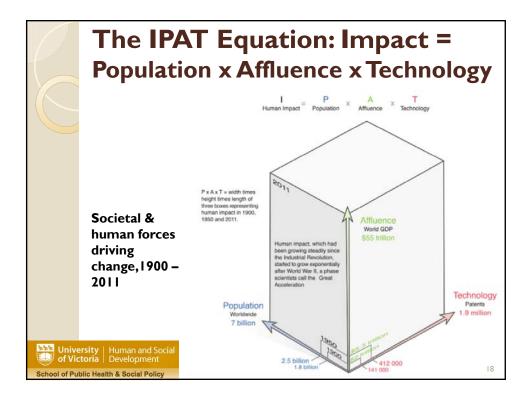
- Pollution and ecotoxicity
- Loss of species and biodiversity

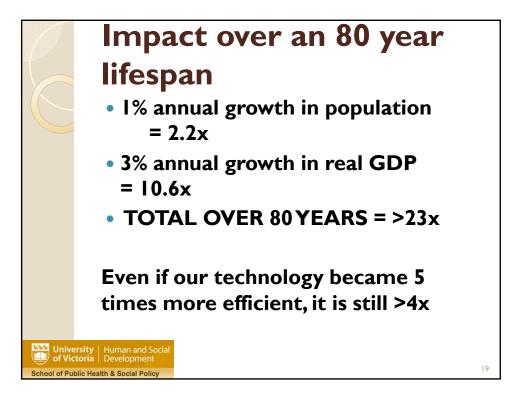


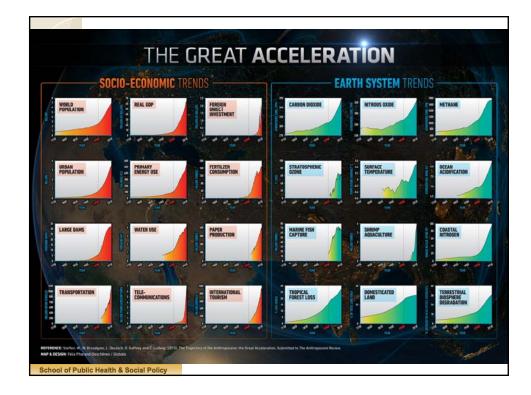


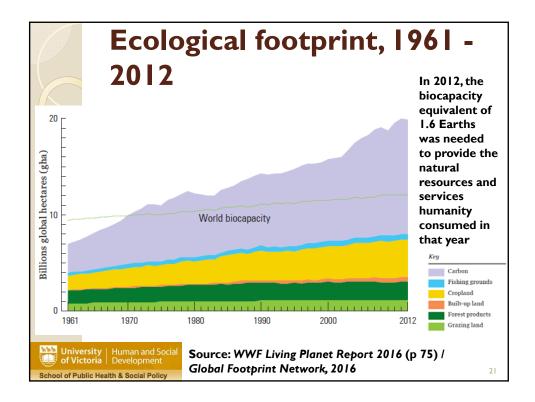


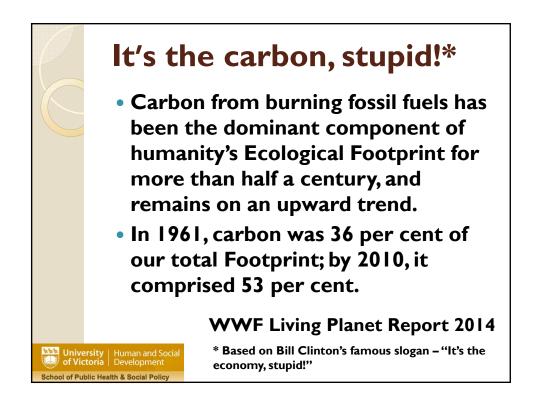


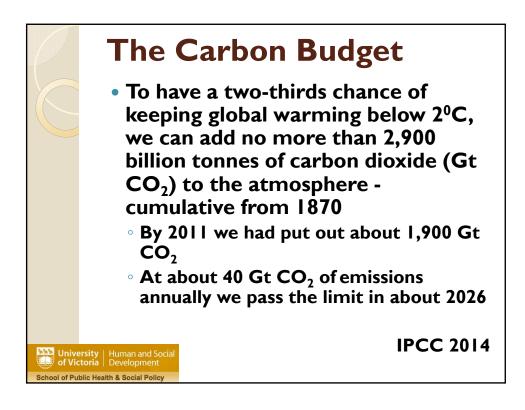


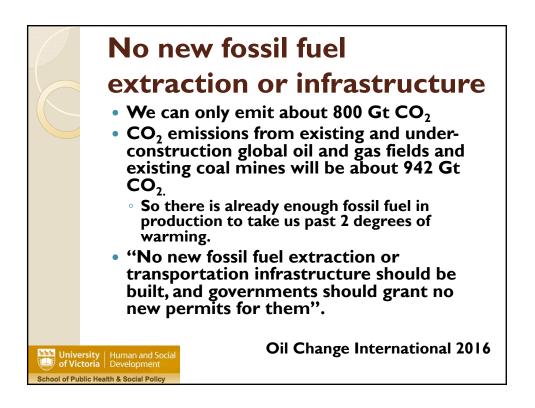












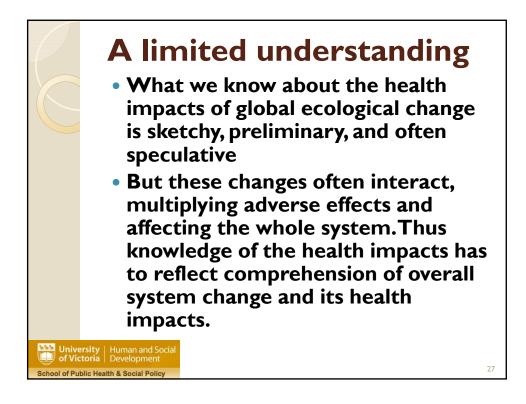
#### There are Limits to Growth

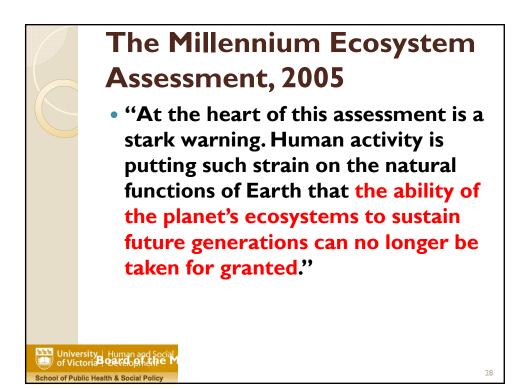
"Troublingly, the original forecasts produced by the MIT group, which predicted a substantial collapse of the global ecosystem and economy during the mid-21st century period, appear to be on track forty years after they were generated." (Turner, 2008) \*\*\*\*

The BAU scenario "aligns well with historical data that has been updated in this paper" (Turner, 2014)

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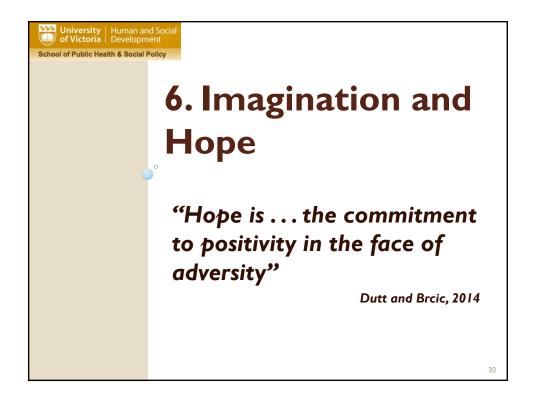


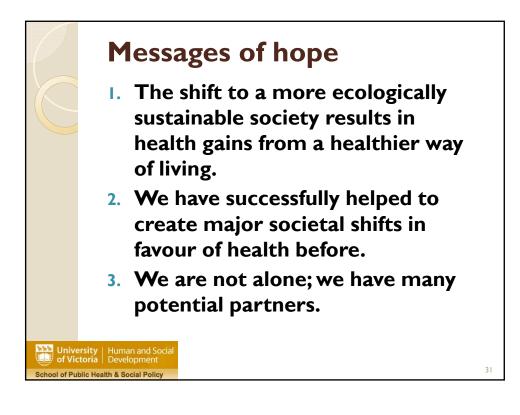


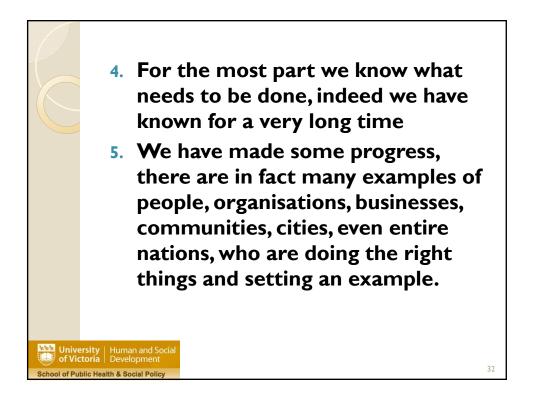
### Mortgaging the health of future generations

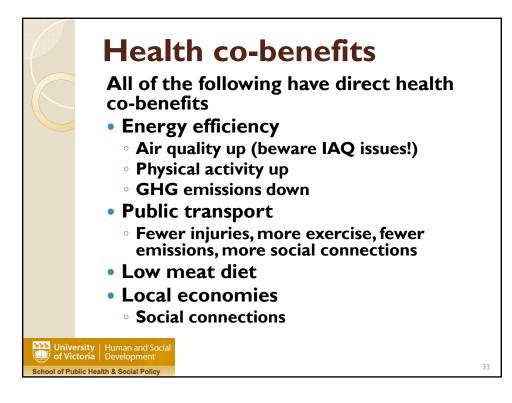
"we have been mortgaging the health of future generations to realise economic and development gains in the present. By unsustainably exploiting nature's resources, human civilisation has flourished but now risks substantial health effects from the degradation of nature's life support systems in the future."

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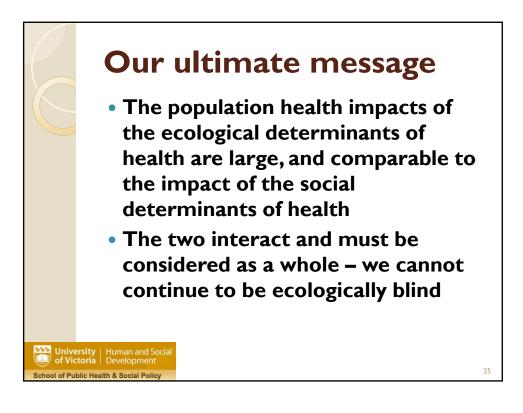


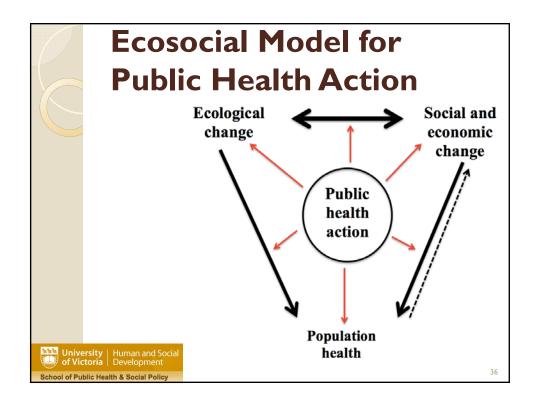






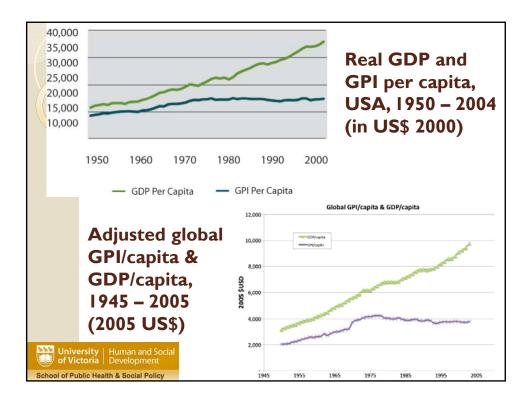


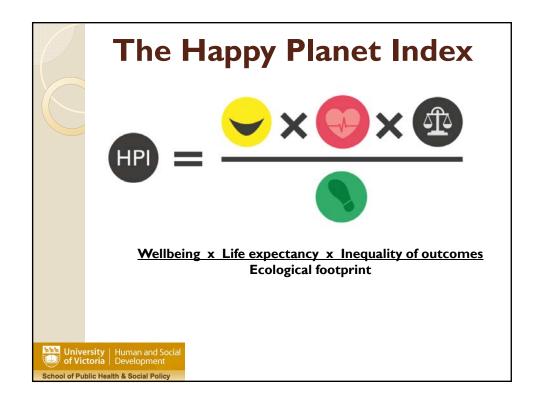






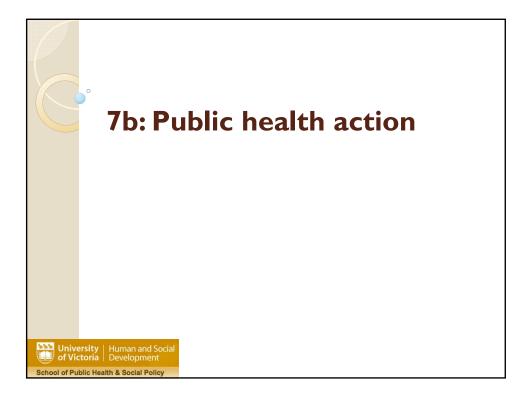












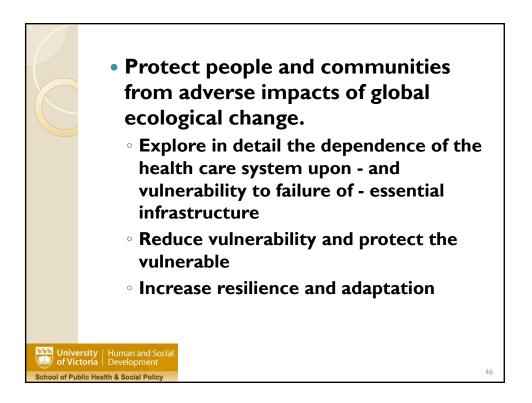


# Protect people and communities from social and economic policies and practices that harm health or widen health inequity

 Seek ways to use public health legislation to investigate and report on the health threats of ecological change or those activities that contribute to it

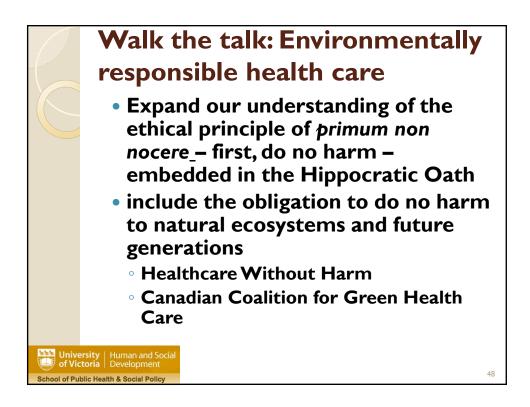
• e.g. fossil fuel extraction

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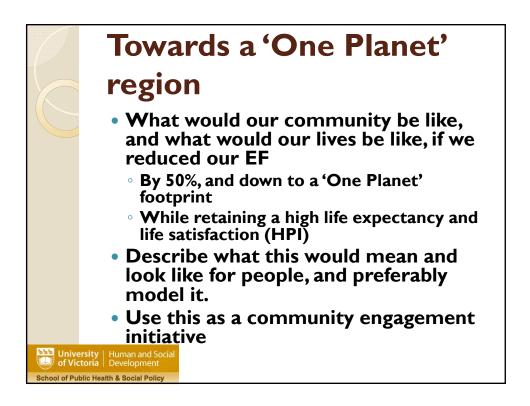


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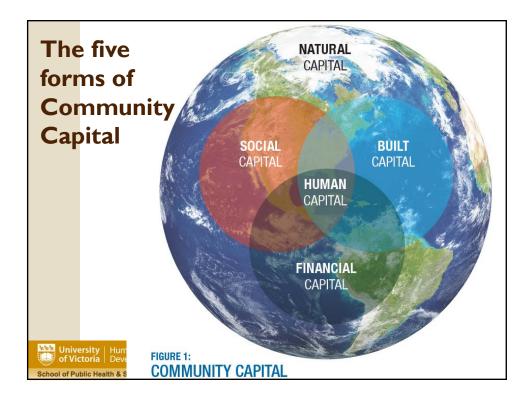


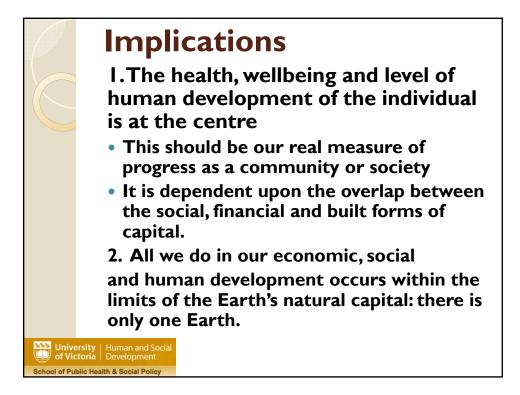


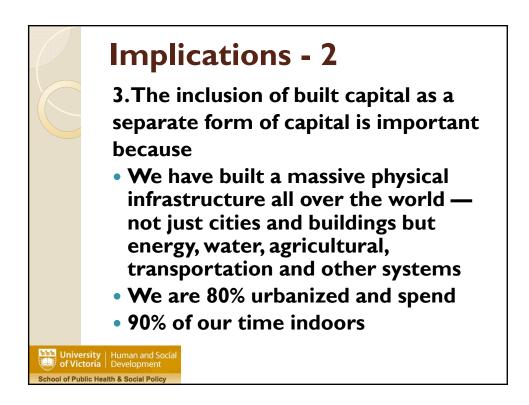


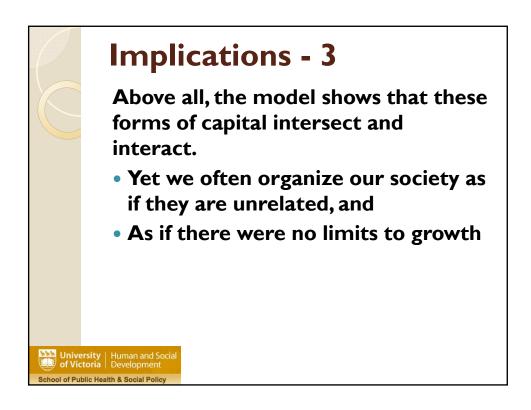


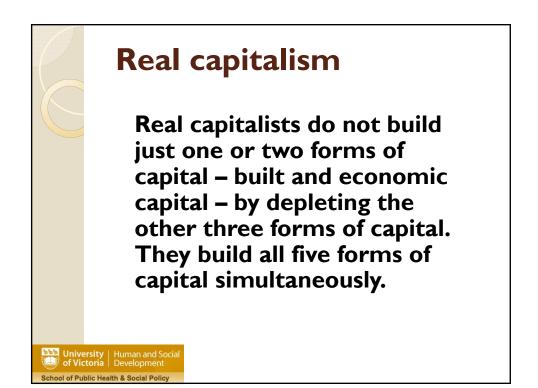






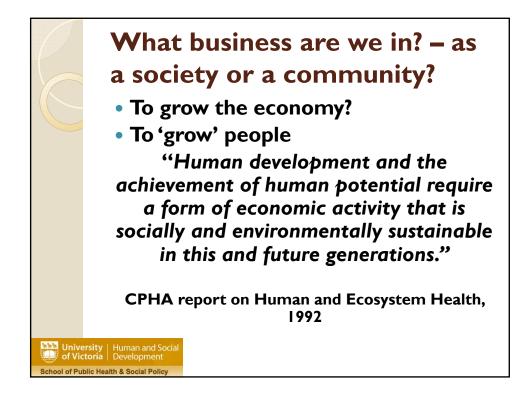










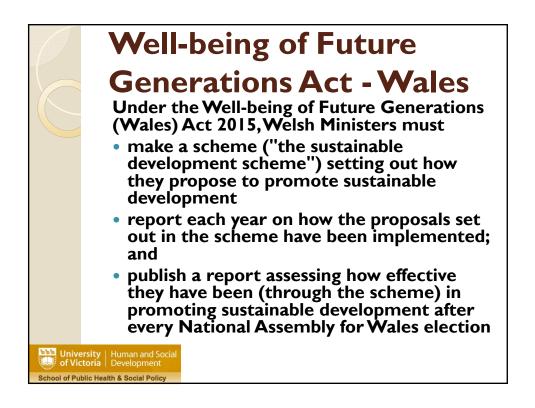


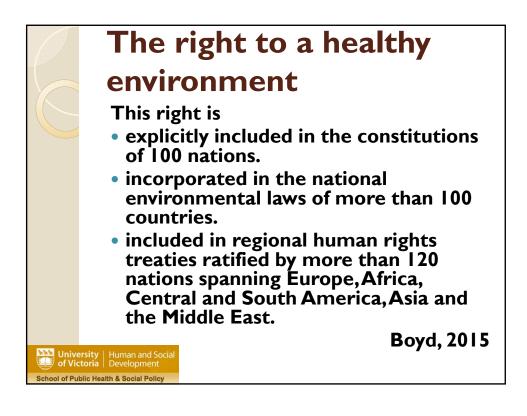


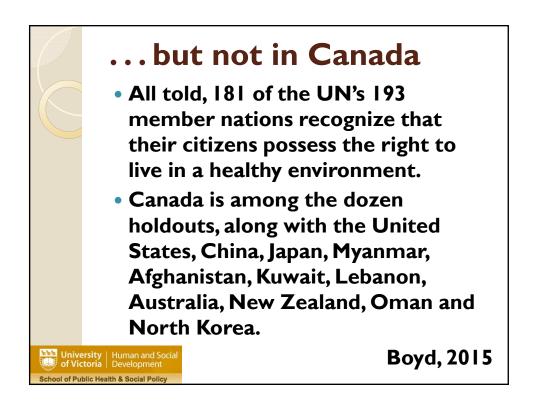


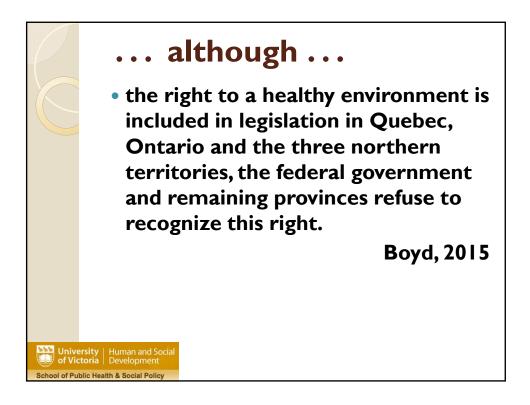














#### Res Communis Omnium (Things common to all – the global commons)

"The Earth System is available to all and cannot be appropriated by anyone, not even by a state. When this common property extends to all humankind, the goods come to be considered as *res omnium*. They are the common heritage of humankind so all human beings, both the present and future generations, have the right to access them in a favourable state. However, given its character as an exhaustible resource, it is necessary to create a legal framework for both the use and the benefits realized in the common good."

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