

Setting the Scene: the need for interrelated responses to pressing societal challenges

George Morris

European Centre for Environment and Human Health
University of Exeter



A dynamic context

"Public health is wrapped around the reality of change"

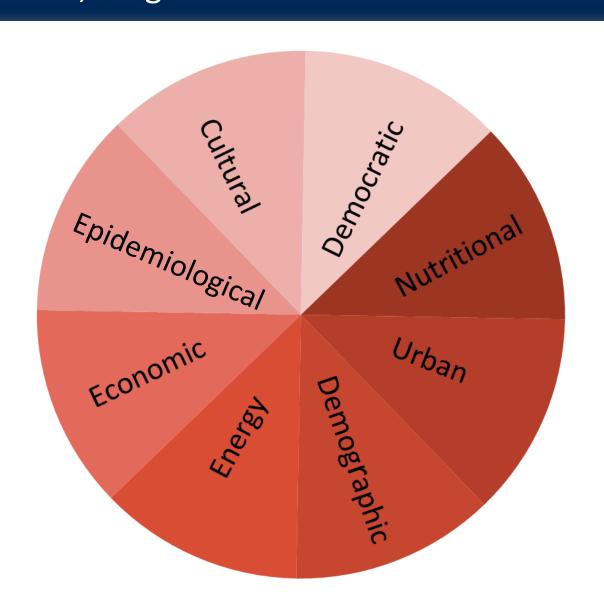
"The actions of those seeking to improve public health and wellbeing will vary as circumstances and conditions dictate"

2 distinct, but related, categories of change continually shape and reshape the foundations of public health:

Category 1 - Large scale, long term changes at the level of society which act on the material, social, cultural determinants of health and wellbeing

Category 2 - An "Evolution of Ideas" determines our basic understanding of how health is created and destroyed

Category 1
Large scale, long term transitions at the level of society



Category 2 The Evolution of Ideas about Health and its Determinants



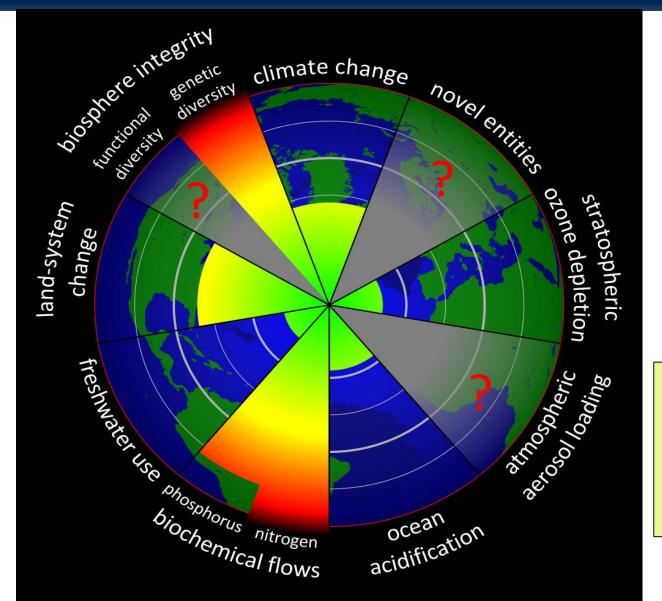
Category 2 The Evolution of Ideas about Health and its Determinants



"Public health is wrapped around the reality of change"

"The actions of those seeking to improve public health and wellbeing will vary as circumstances and conditions dictate"

An Ecological Transition



To keep Earth
hospitable
we need to live
within
9 specific limits

Planetary Boundaries

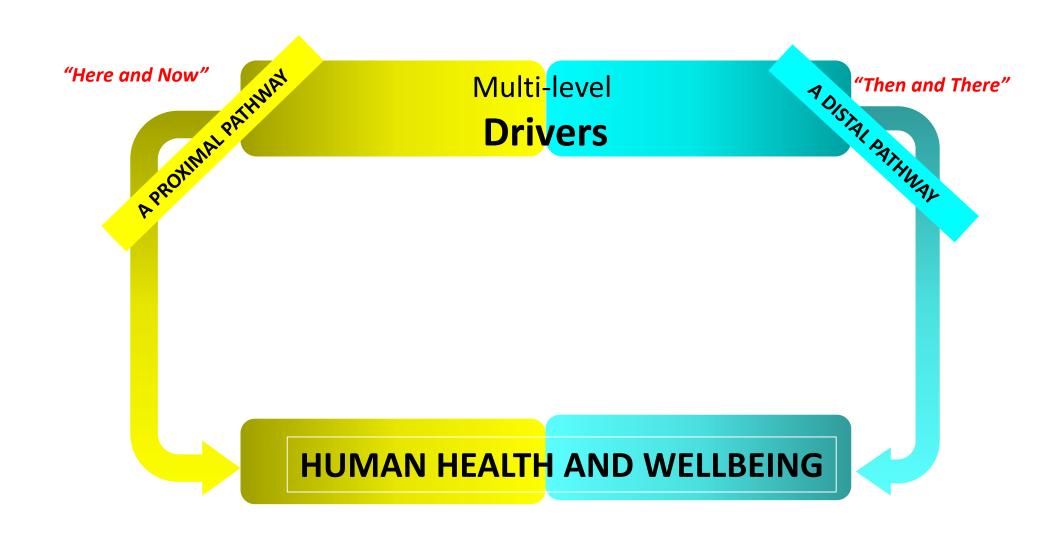
An Earth Systems framework

Steffen et al (2015)

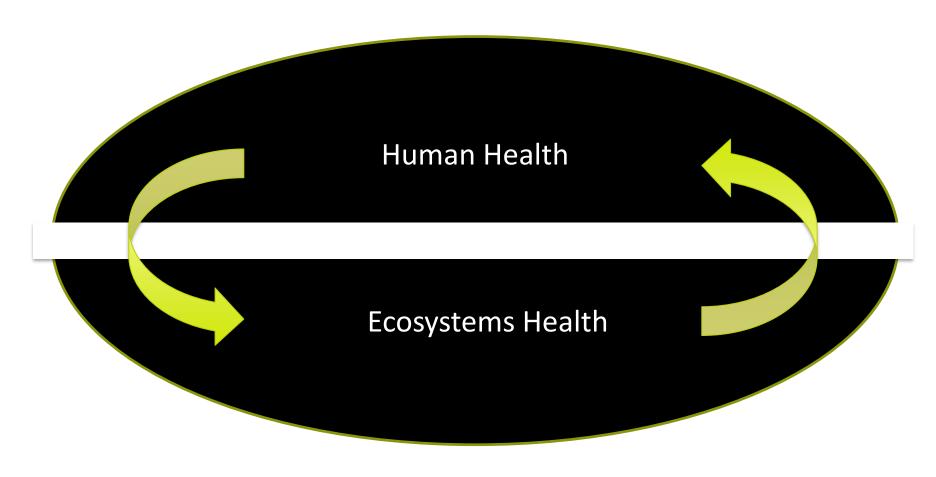
The Implications for Society and for Public Health are Significant

- We can no longer hope to deliver health, wellbeing, health care (and equity in these things) without a radical rethink of the way we live, move and consume
- Public health must think and act on a vastly extended temporal and spatial scale.
- The only logical conceptualisation of public health going forward is an environmental conceptualisation
- Those of us concerned with the relationship between environment, health and wellbeing must embrace a distal dimension to our work

Conceptually, there are 2 Pathways from human-driven environmental change to health and wellbeing



Ecological Public Health



Rayner and Lang (2012)

http://www.routledge.com/books/details/9781844078325/

"While the new environmental conception of health, "Ecological public health" may seem a difficult and complex task that is now the 21st century's unavoidable task"

Rayner and Lang, 2012

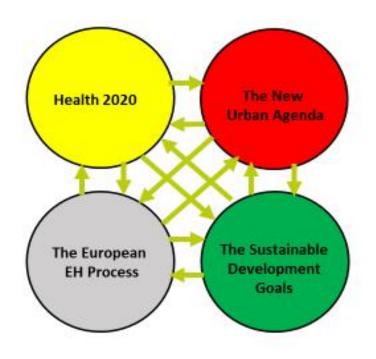
AS WE LOOK OUT, IN 2017, AT A TASK OF SUCH URGENCY AND ON SUCH A SCALE.....

ARE THERE REASONS TO BE CHEERFUL?



1. A supportive international policy context





2. When we look closely, we find



A considerable literature is now building around policies and actions which have potential to deliver co-benefits for health and environmental sustainability, better still, many such policies and actions may deliver the triple win of improved health, greater sustainability and greater equity.