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Understanding the potential health impact of the proposed Lower Thames Crossing

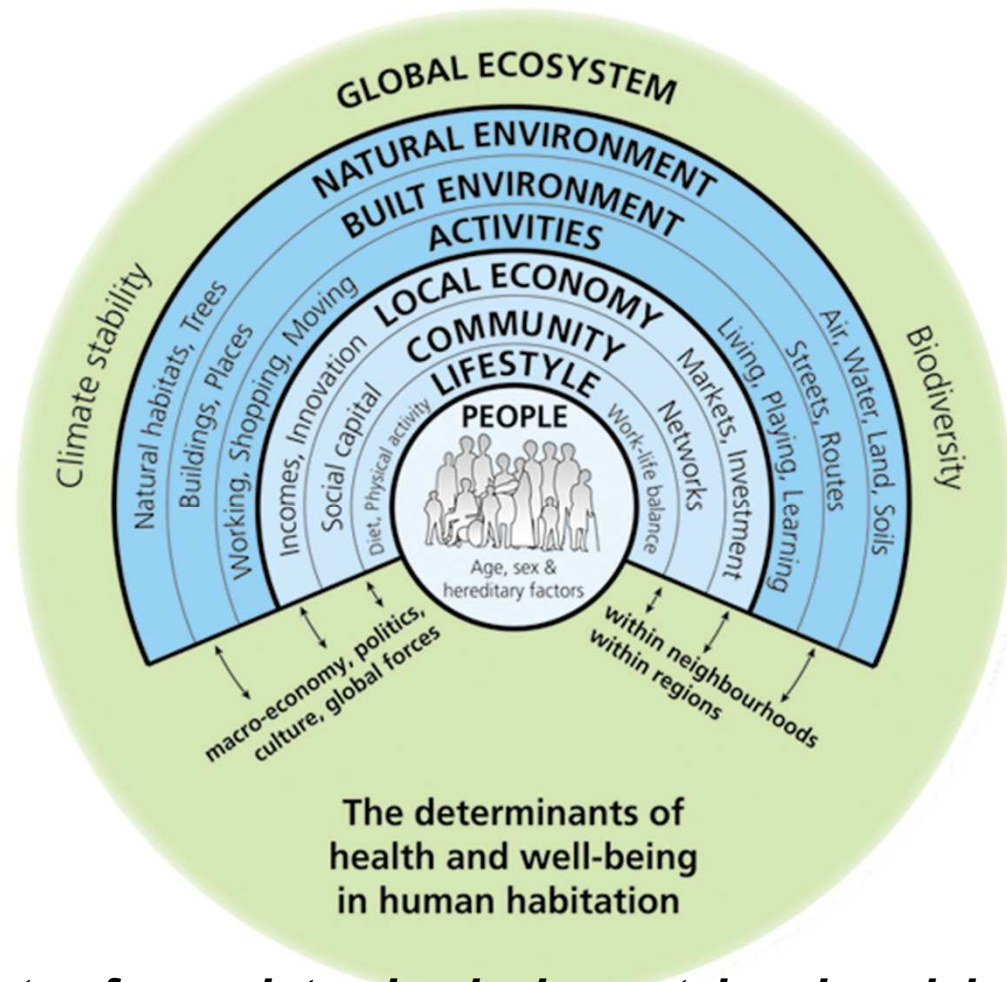
Ian Wake, Director of Public Health



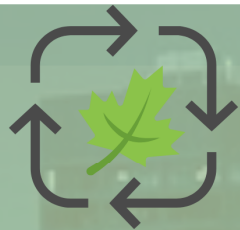
Overview

1. What is health?
2. Local health issues
3. Health Impact Assessment
4. Mitigation

What is health?



“Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity”.



Environmental Impact Assessment (EIA)

EIA

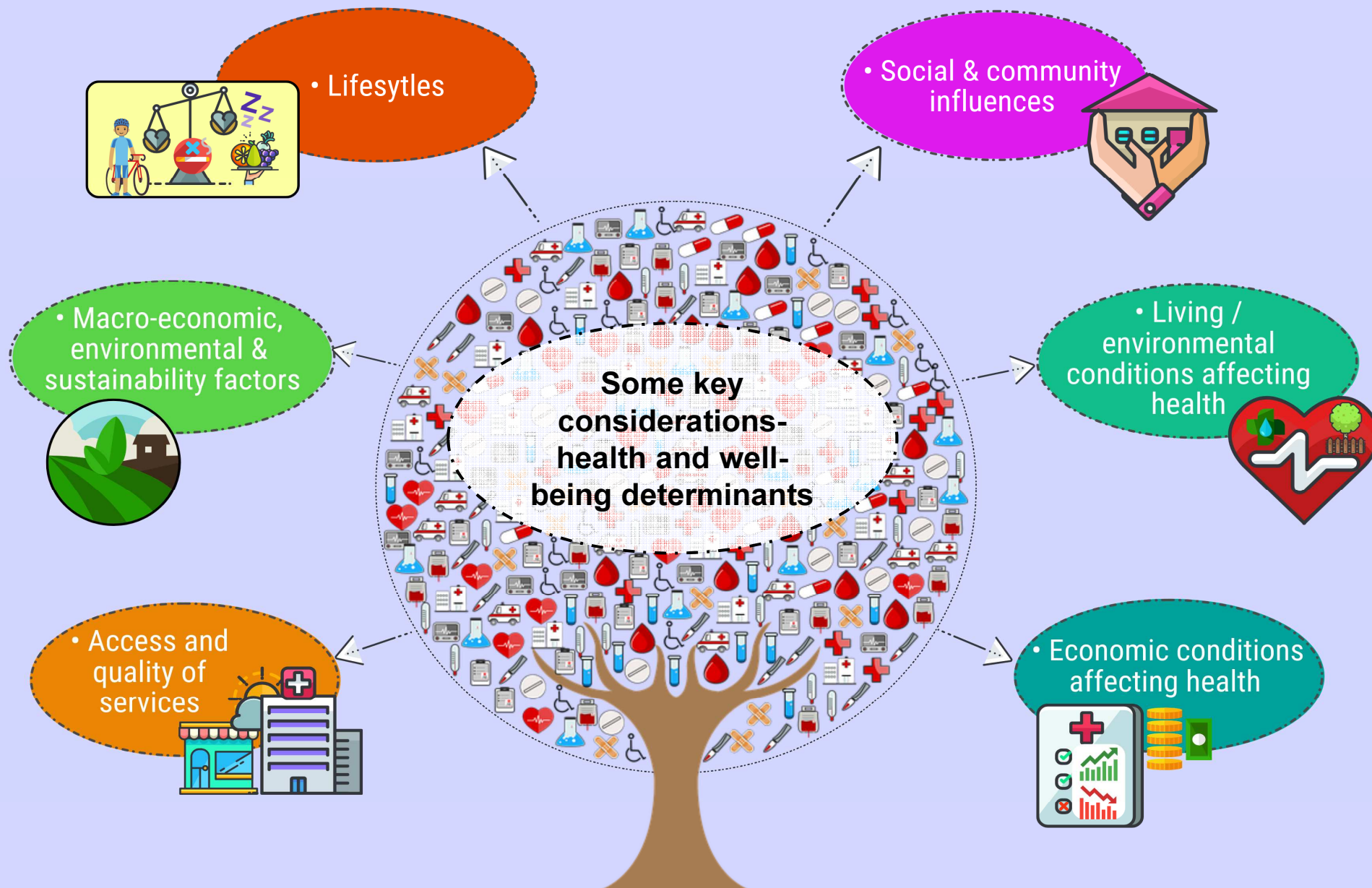
- Environmental impacts on health
- Looks only at risks to health in the context of the environment
- Does not consider interplay between environmental health risks and local health variation



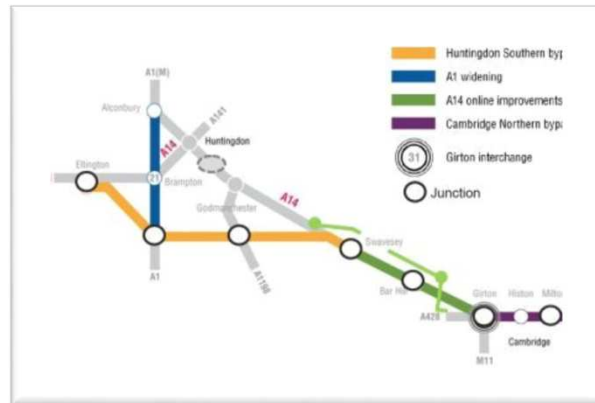
Health Impact Assessment (HIA)

HIA

- Procedures, methods and tools to judge potential impact on health
- Fundamental starting point is holistic view of health
- Interplay between broadest range of factors and granularity local health variations
 - Health inequalities



Health Impact Assessment: Precedent



A14 Cambridge to Huntingdon Improvement Scheme



M4 Smart Motorway



M25 Wisley Interchange



Silvertown Tunnel

Health Impact Assessment

'Instead of being seen as a health issue, pollution is often seen primarily as an environmental problem. This needs to change. As a society we need to regain the focus on pollution as a threat to human health.'

**Chief Medical Officer for England,
2017**

HIA assists the design and planning of a scheme or project and will bring together information relating to effects on human health from various other topic assessments within the ES. It is increasingly seen as a beneficial method to support efforts to improve health and address health inequalities and in also meeting stakeholder expectations"

Highways England, 2014

Opportunities for Mitigation

Noise



RTAs



Urban
Greening



Air Pollution



Community
severance



Active
Travel



Employment

