

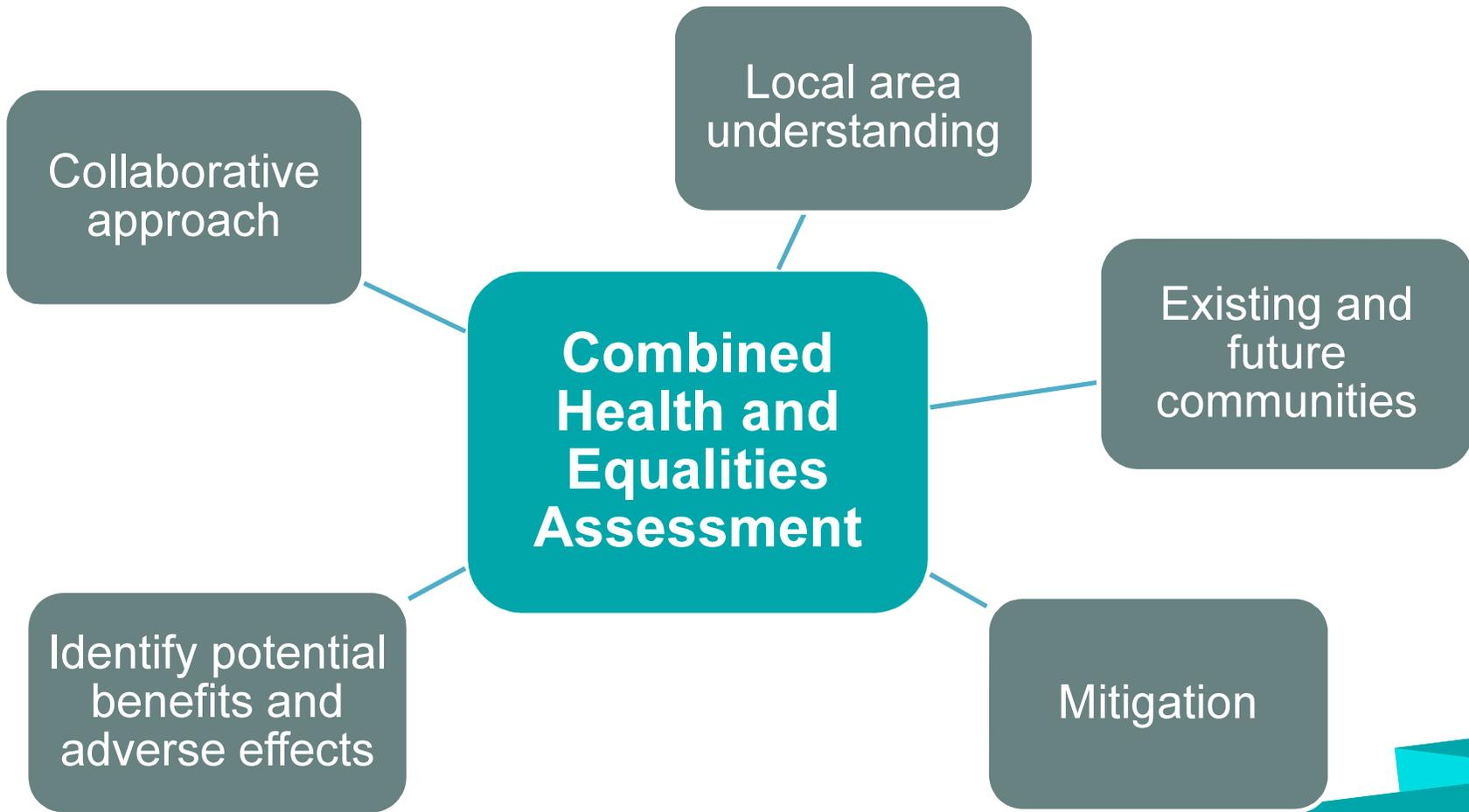


Lower Thames Crossing

Health, Equalities and Community Impacts

15th July 2019





A Collaborative Approach



Timeline

**November
2018**

Initial
meeting to
discuss
remit

April 2019

Approach to
accessibility,
severance, road
safety topics
discussed and
agreed

January 2019

Terms of Reference
agreed
Approach to Health
Impact Assessment
discussed

June 2019

Approach to
assessment
of air quality
and noise
discussed

What has been agreed by CIPHAG to date?

World Health Organisation definition of health

Social model of health

Use of guidance agreed to identify vulnerable populations

Topics scoped in for assessment

Collation of localised baseline data

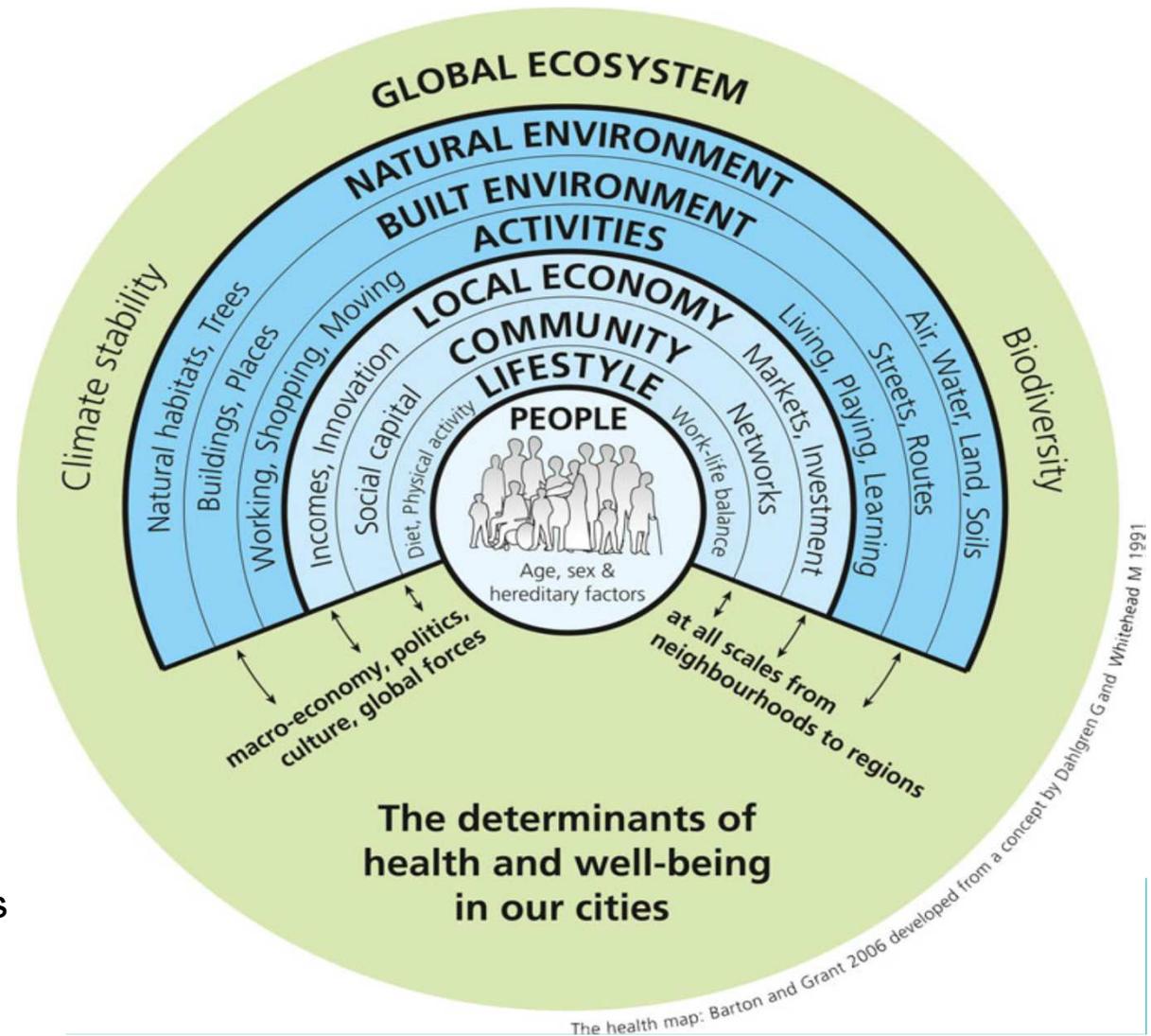
World Health Organisation (WHO) definition of health:

‘a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity’

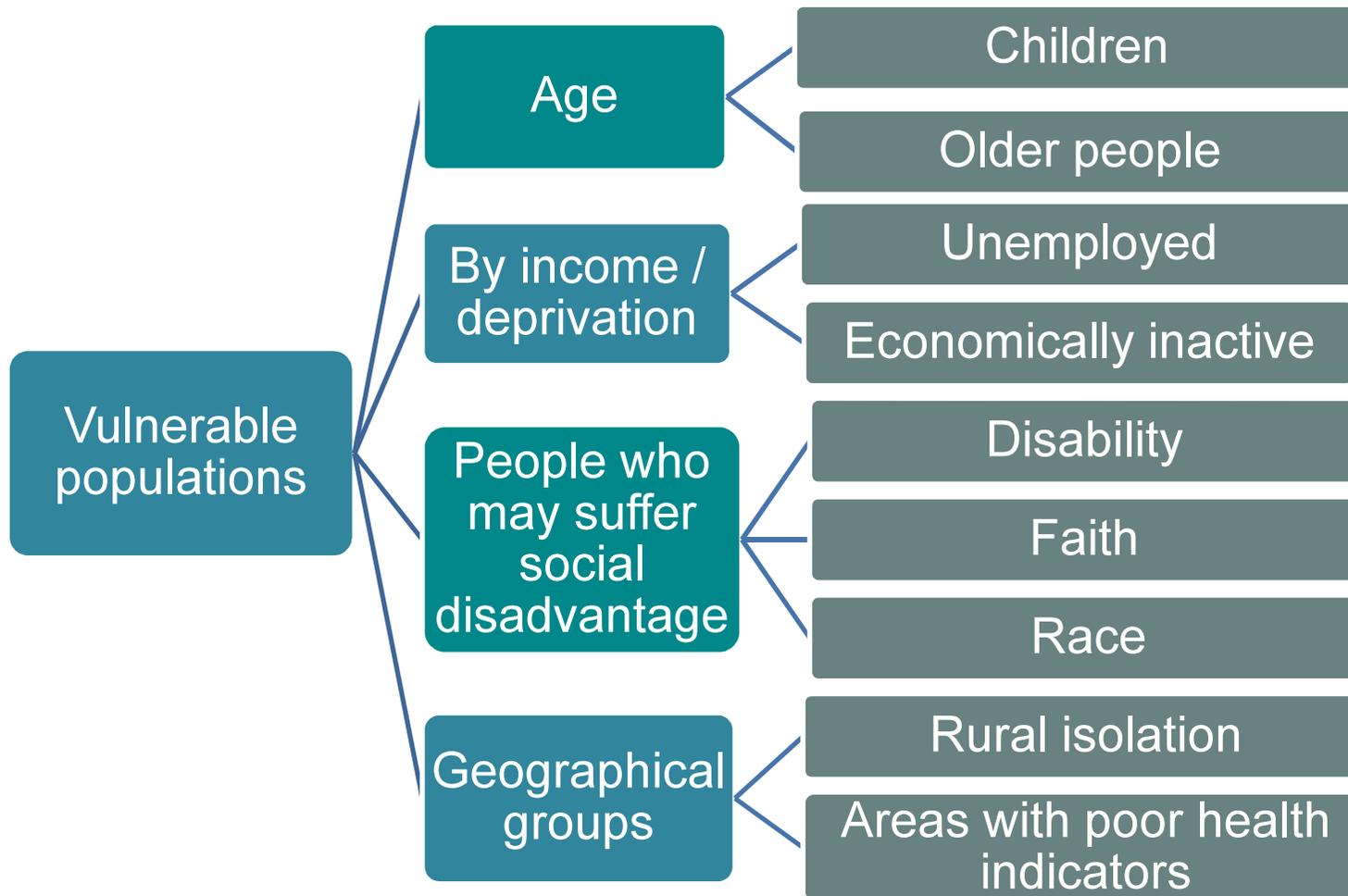
And of mental health:

‘a state of well-being in which every individual realises his or her own potential, can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to her or his community’

The Social Model of Health



Dahlgren and Whitehead (1991) as amended by Barton and Grant (2006)

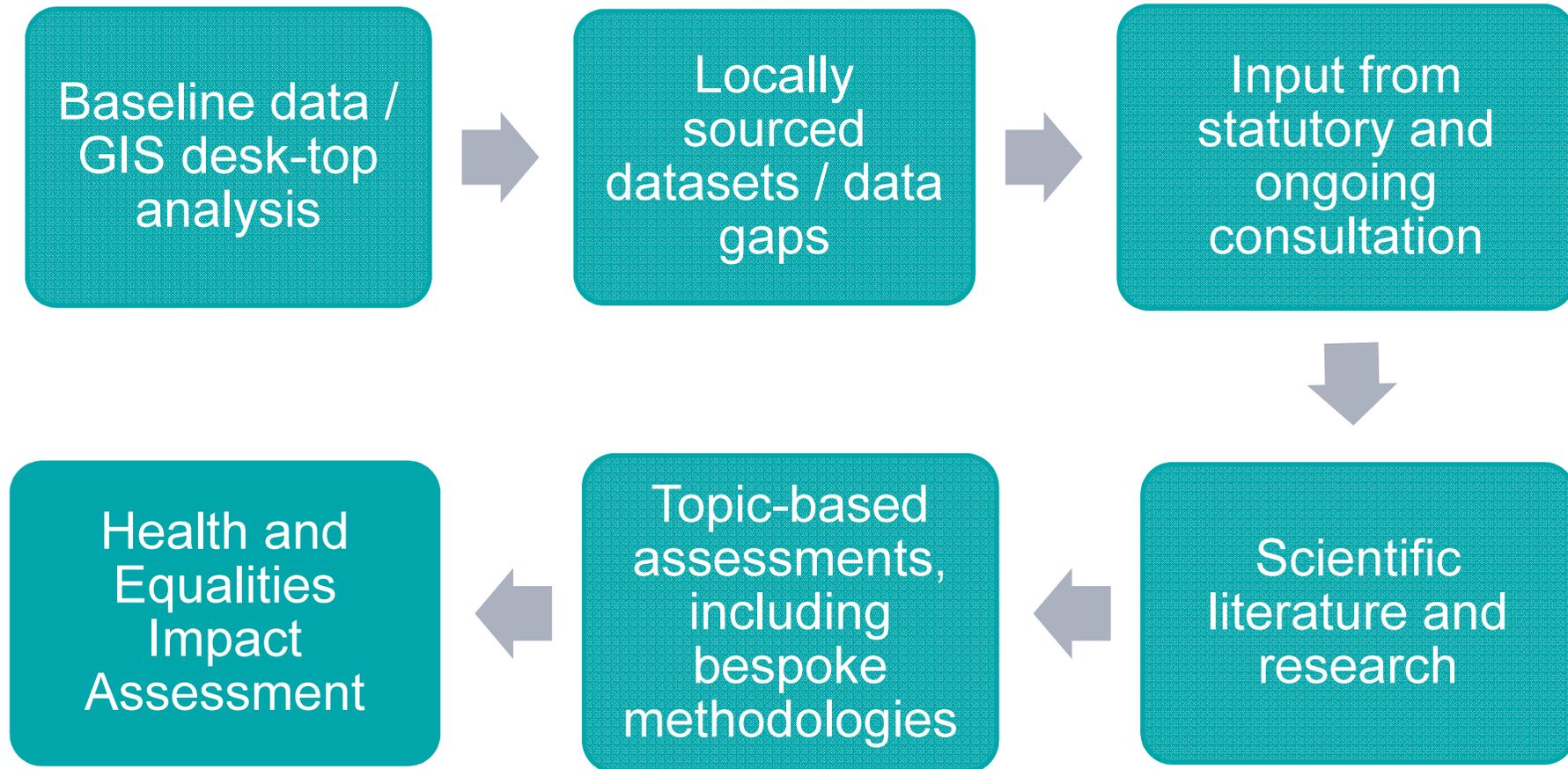


Welsh Health Impact Assessment Support Unit Guidance

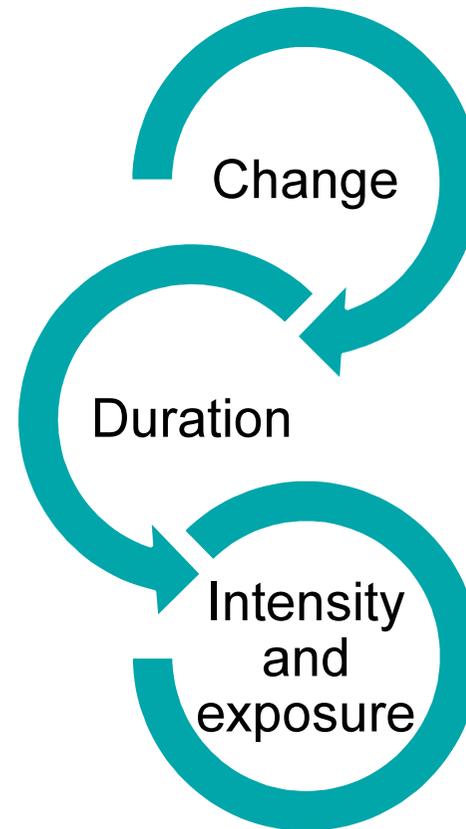
Key issues identified from high level baseline data supplied by Thurrock Council:

- § Health inequalities within Thurrock
- § Deprivation and associated health impacts
- § Social isolation – e.g. elderly people living on their own
- § Obesity levels – both children and adults
- § Health vulnerabilities including coronary heart disease and respiratory disease

Health and Equalities Impact Assessment - Process



- What aspect of the Project would cause the change?
- How might the health determinant change as a result?
- Would it be temporary or permanent?
- What is the magnitude of change in the health determinant?
- How many people are likely to be exposed?
- What about vulnerable populations?
- Possible mitigation measures?



Potential Health Impacts and Benefits

Construction

Air quality

Noise

Accessibility

Walking and cycling

Mental wellbeing

Potential Health Impacts and Benefits

Operation

Changes in air quality

Changes in noise levels

Impacts on pedestrians and cyclists

Access to services and facilities

Mental wellbeing

Next Steps.....

Questions?

Scheme	Approach to Air Quality & Noise	Comment
M4 Junctions 3-12 Smart Motorway	Use of ES data	No discussion of health outcomes Broad community profiling only
Silvertown Tunnel	ES data as starting point Quantitative analysis of AQ and noise health effects	Significantly smaller study area Risk of oversimplification for a larger area / that equality issues may be masked Question how meaningful findings are
A303 Stonehenge	Use of ES data HUDU matrix provided	No detailed discussion of health outcomes
Great Yarmouth Third River Crossing	Use of ES data No additional narrative	No detailed discussion of health outcomes Broad community profiling only