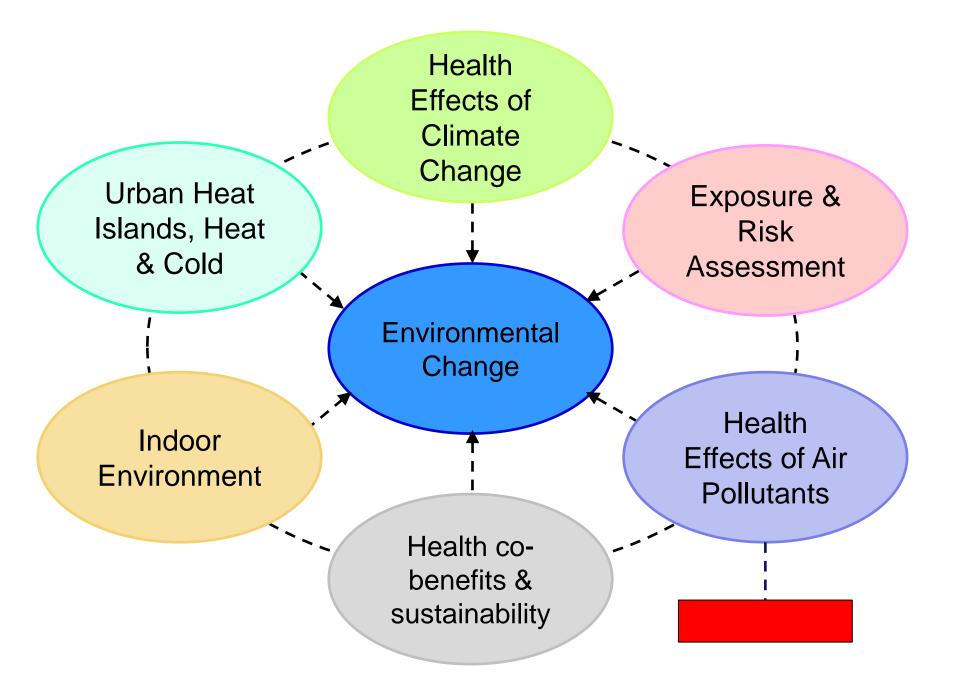




Environmental Change Department -Vision statement

Protect and improve public health through the review and development of <u>scientific evidence</u>, provision of authoritative <u>advice</u> to Government, NHS, other organisations and the public on the health effects of air pollution, climate change, extreme events and other environmental exposures, and the development and evaluation of <u>plans</u> and strategies for adapting to environmental change.





Hopes for the TOP project

Focus on residential sector;

of low carbon

buildings within the context of climate change;

Risk of overheating and cold homes for low carbon buildings (through literature review);

Differences between low carbon social housing/deprived homes & own accommodation;

Modelling of future climate scenarios and impact on low carbon buildings;



Hopes for the TOP project

- Interventions, if required, on existing low carbon building stock modelling the impact on IEQ;
- Examine the effect of different ventilation strategies in low carbon buildings on IEQ;
- Light on the : Responsibility for IEQ underperformance between

Designers -> Constructors -> Building operation Managers

-> Occupants

Raise awareness of occupants provide practical advice how to achieve good IEQ;

Develop effective policies for transition to Low Carbon Cities.