



Public Health
England

PHE activities and expectations from TOP project

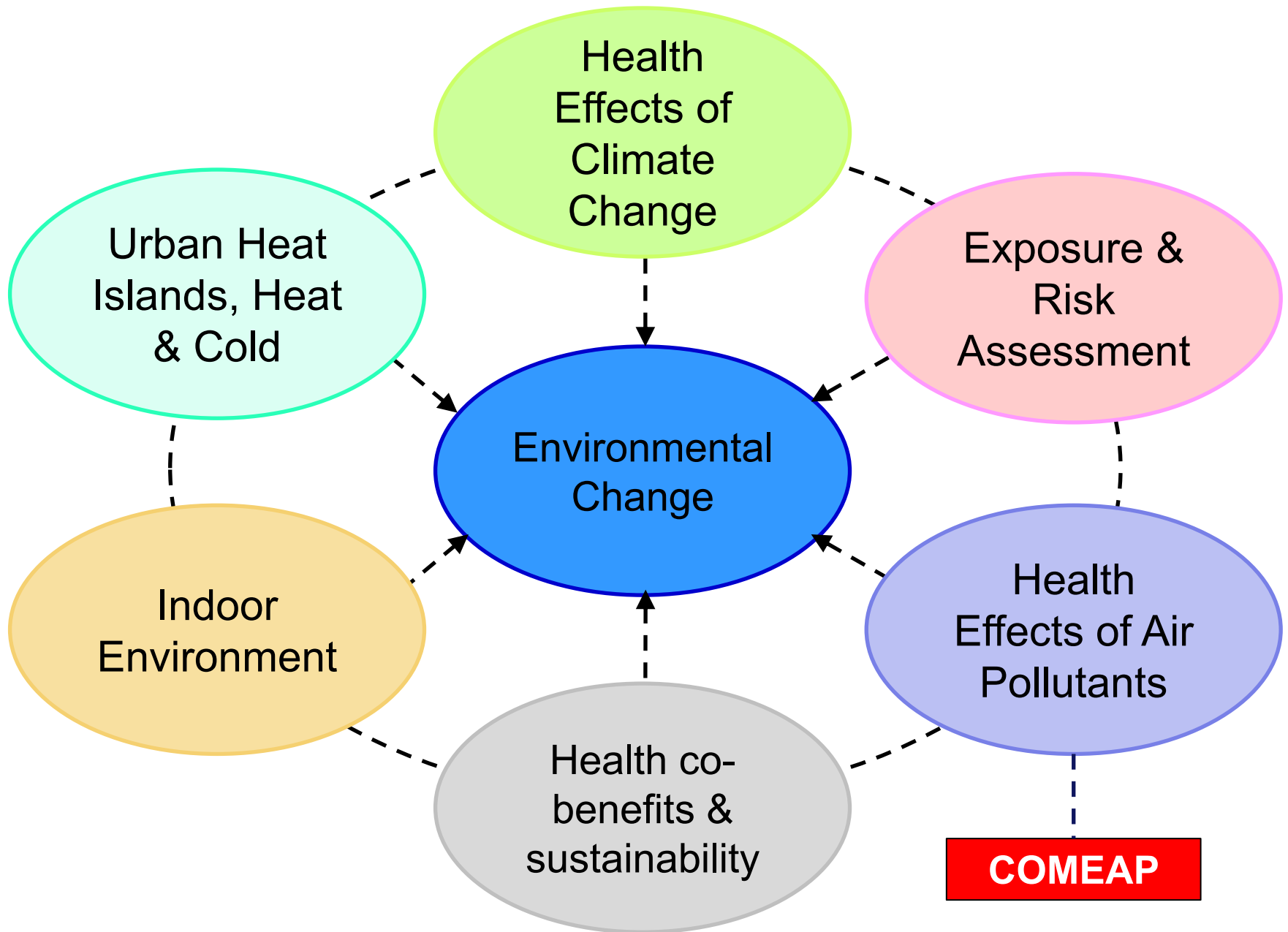
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Public Health
England

Environmental Change Department - Vision statement

Protect and improve public health through the review and development of scientific evidence, provision of authoritative advice 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 plans and strategies for adapting to environmental change.





Hopes for the TOP project

- Focus on residential sector;
- See the issue of ‘total performance’ 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 “*Circle of blame*”: 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.