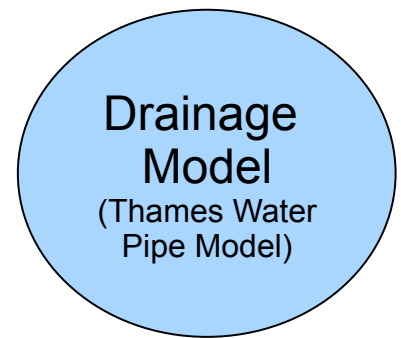


City Wide Systems Model

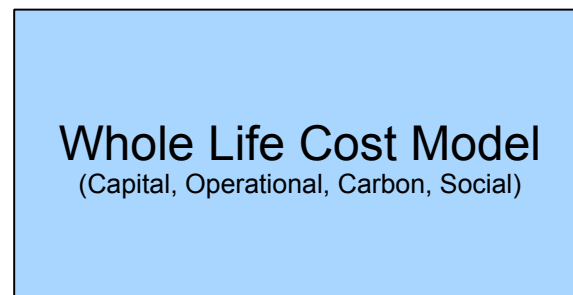
Key



System Model Component



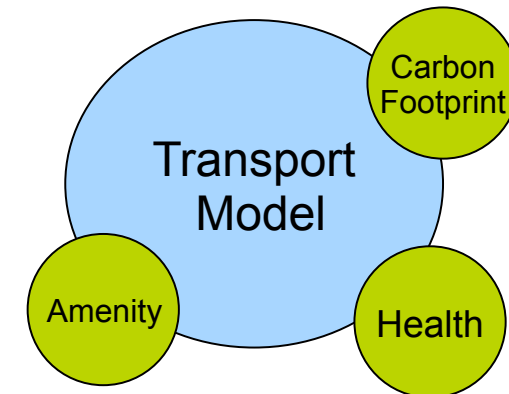
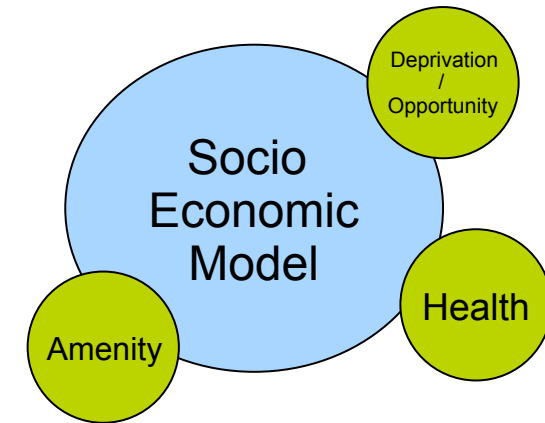
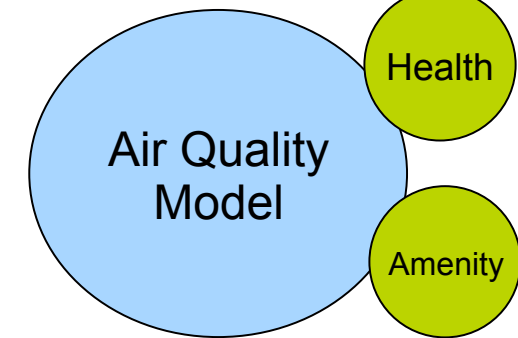
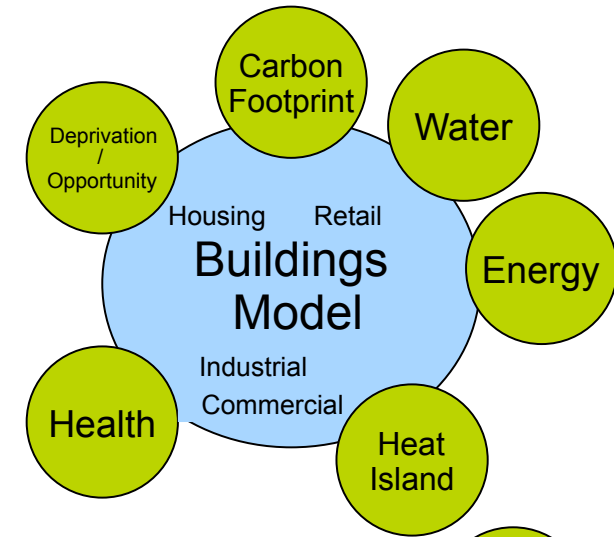
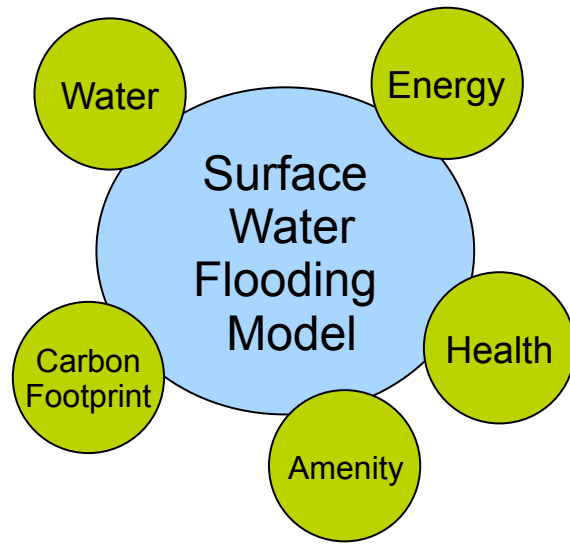
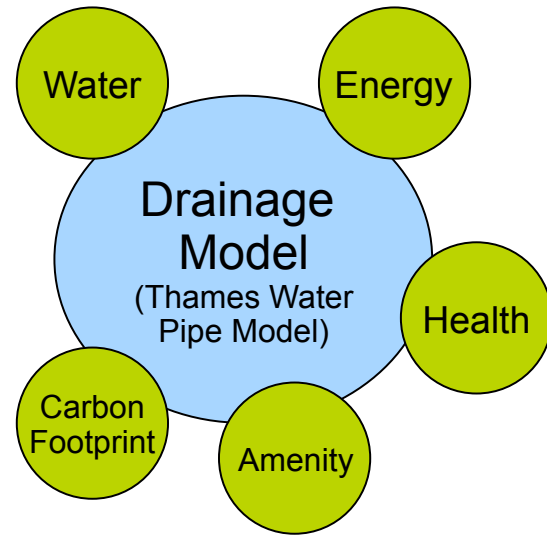
Area of Influence/Impact
(interface with other systems models
And outputs to “Whole Life Cost” Model)



Whole Systems model output module

Example
Physical Components for modelling

- SUDS
- Trees
- Green Space
- Rainwater Harvesting
- Green Roofs
- Swales
- Soakaways
- Ponds
- Eco System Services
- Water Efficiency
- Dispersed Storage
- Green Infrastructure
- Real Time Control
- River Restoration
- Separation of Foul Water
- Dispersed Treatment
- Tideway Tunnels
- Utilisation of existing redundant tunnels
- “Do Nothing”



Whole Life Cost Model
 (Capital, Operational, Carbon, Social)