Cost Benefit Analysis: Claims Numbers/Costs &

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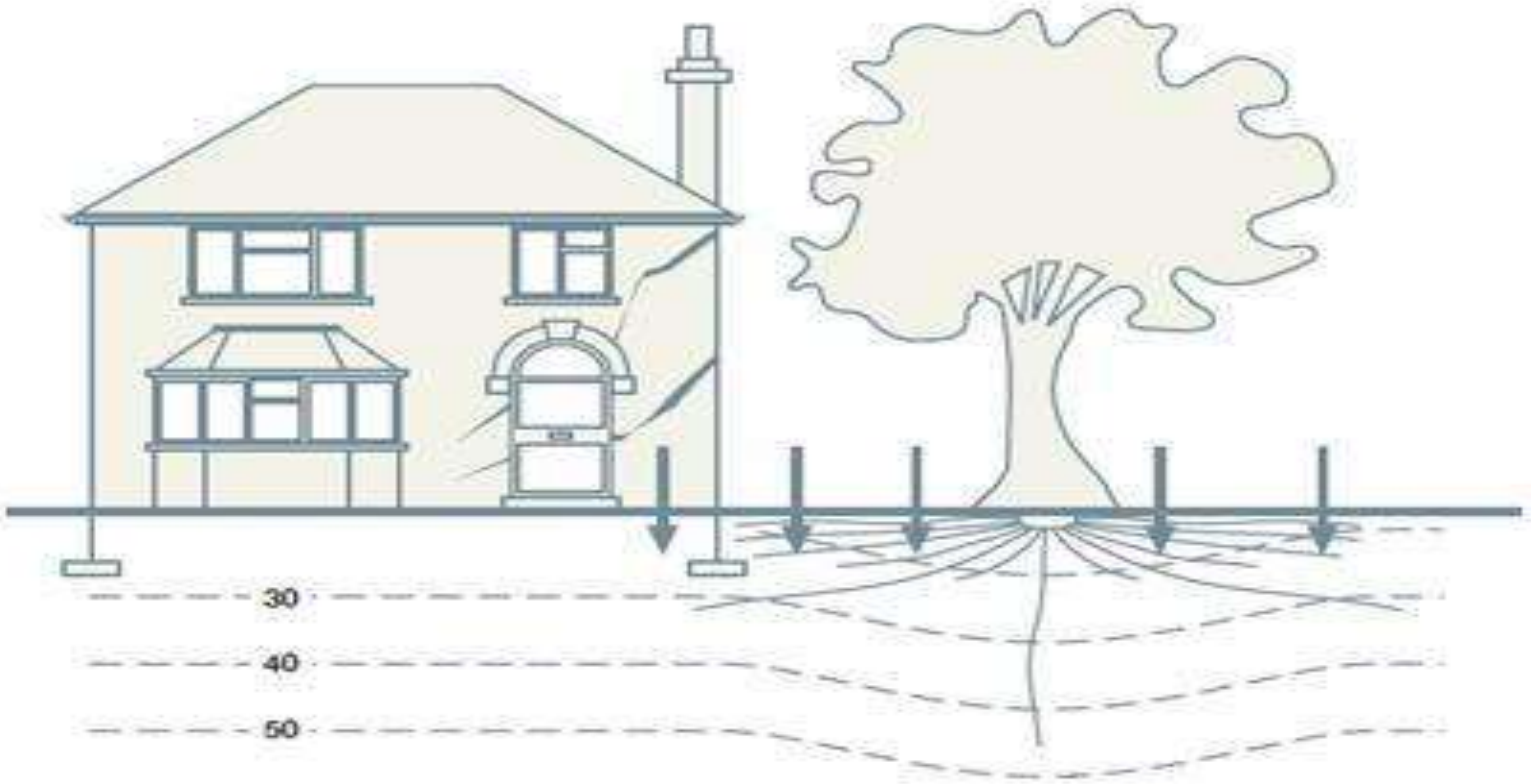
Presentation content:

- Where is Camden & background
- Analysis: budgets, claim numbers & costs
- Small tree planting analysis & tree diversity
- Conclusion

Where is Camden?

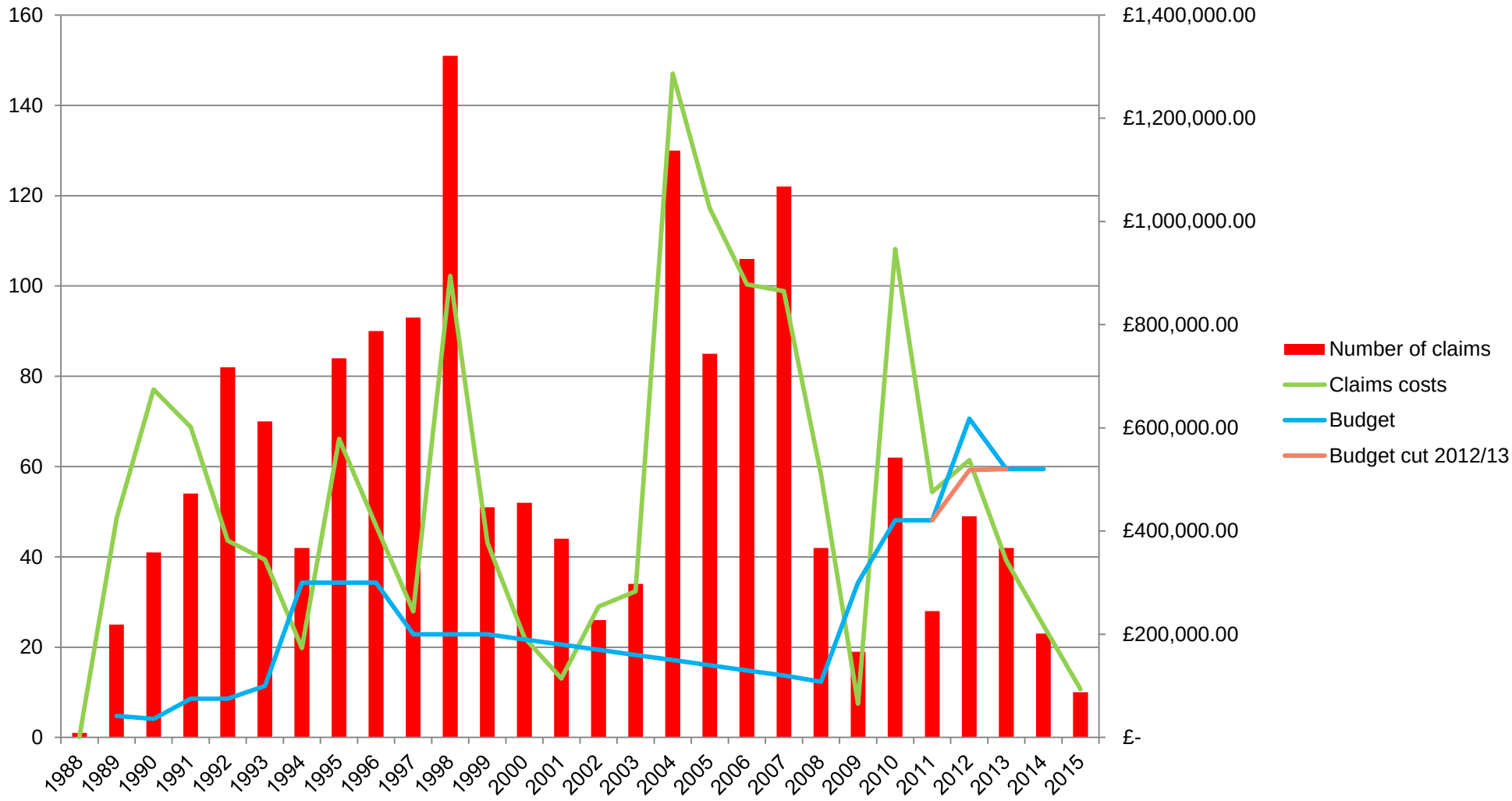
- 9,450 street trees
- 4,600 park trees
- 11,500 trees in social housing sites
- 1,500 trees in education sites
- 28,0000 trees ‘actively’ managed
- 5 to 10,000 managed trees in nature conservation sites

Tree related subsidence damage to property:




25/11/2011

Analysis results:



Cost and claim reductions from risk programme:

Time Period	No. of Claims	Cost of Claims
2002-2007	503	£4.6m
2008-2013	242	£2.5m
2014-2015	33	£310k

‘Rightsizing’ Camden’s tree stock:

Examples of ‘small’ trees being planted:

Liquidambar ‘Gum Ball’

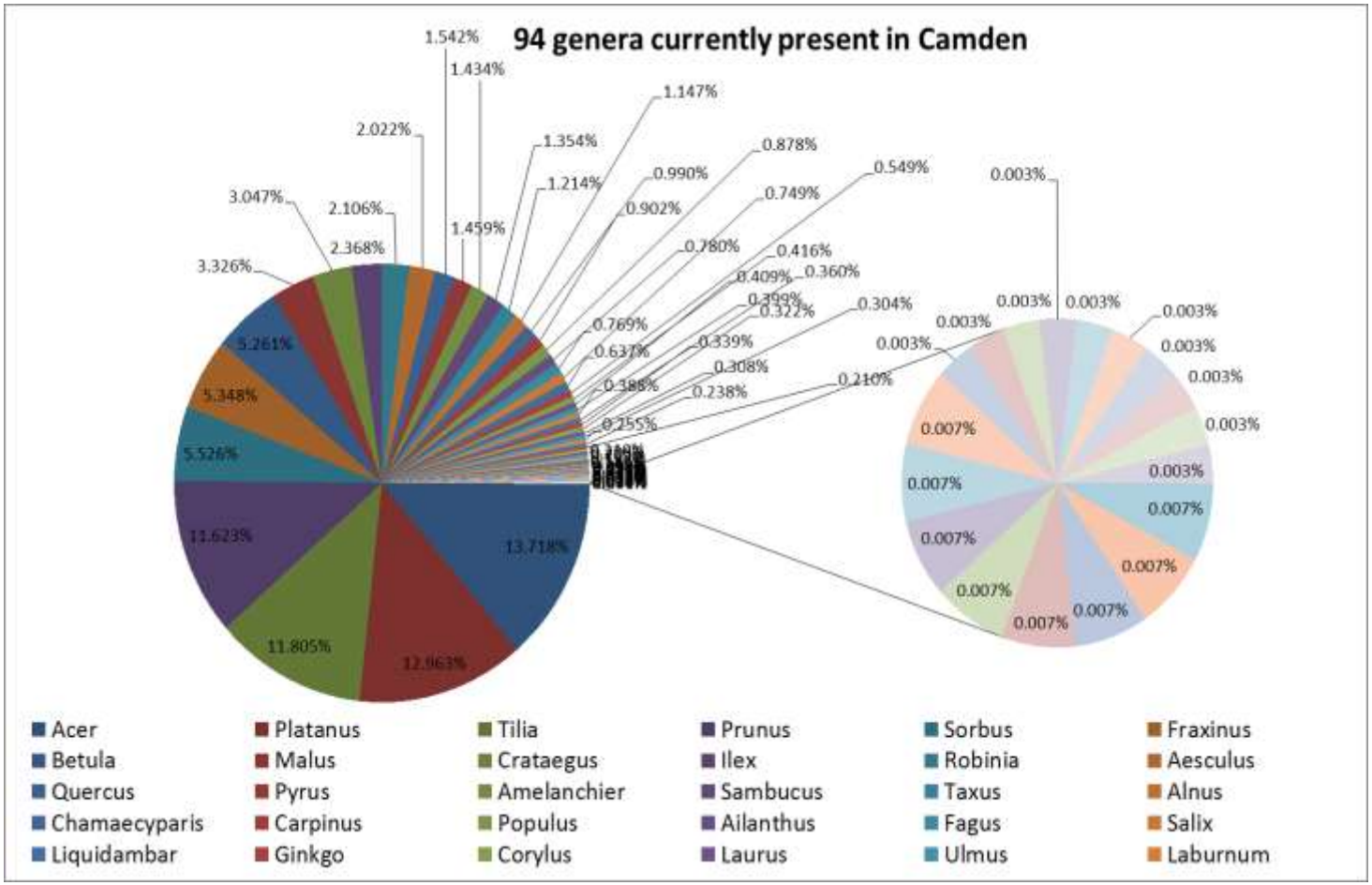
Malus ‘Adirondack’

Prunus ‘Pandora’

Small Tree Species planted :

Very Small	Small	Small +	Small-Med
Acer pseudoplatanus 'Brilliantissimum'	*Prunus x subhirtella* 'Autumnalis'	*Malus floribunda*	*Prunus* 'Pandora'
Prunus fruticosa 'Globosum'	*Amelanchier sp.*	*Malus* 'Evereste'	*Sorbus* 'Joseph Rock'
Acer campestre 'Nanum'	*Amelanchier* 'Obelisk'		*Sorbus Hupehensis*
Photinia sp.	*Malus* 'Rudolf'		
Acer platanoides 'Globosum'	*Malus* 'Adirondack'		
Liquidamber styraciflua 'Gum Ball'			

Species Diversity:



Pressures:

- Development pressures
- Reduced expenditure
- Public support
- Subsidence concerns
- Pests and diseases
- Climatic Change

Subsidence site, how it looks like:

Photinia

Amelanchier

Traffic lights system and small species:

Acer Campestre "Nanum"	Acer	Sapindaceae
Acer palmatum	Acer	Sapindaceae
Acer platanoides globosum	Acer	Sapindaceae
Acer pseudoplatanus brilliantissimum	Acer	Sapindaceae
Amelanchier obelisk	Amelanchier	Rosaceae
Cercis canadensis forest pansy	Cercis	Fabaceae
Clerodendron trichotomum	Clerodendron	Lamiaceae
Cornus Eddie's white wonder	Cornus	Cornaceae
Cornus kousa Chinensis	Cornus	Cornaceae
Euonymus europ. 'Red Cascade'	Euonymus	Celastraceae
Ginko globosa	Ginko	Ginkgoaceae
Hamamelis intermedia Jelena	Hamamelis	Hamamelidaceae
Hibiscus resi	Hibiscus	Malvaceae
Hibiscus syriacus	Hibiscus	Malvaceae
Koelreuteria paniculata	Koelreuteria	Sapindaceae
Lagerstroemia indica Rosa Nova	Lagerstroemia	Lythraceae
Liquidambar styraciflua Gumbal	Liquidambar	Altingiaceae
Malus adirondack	Malus	Rosaceae
Malus 'Everest'	Malus	Rosaceae
Malus floribunda	Malus	Rosaceae
Malus 'Rudolph'	Malus	Rosaceae
Malus toringo Scarlet Brouwers Beauty	Malus	Rosaceae
Photinia x fraseri 'Red Robin'	Photinia	Rosaceae
Prunus 'Accolade'	Prunus	Rosaceae
Prunus fruticosa 'Globosum'	Prunus	Rosaceae
Prunus 'Pandora'	Prunus	Rosaceae
Prunus subhirtella 'Autumnalis	Prunus	Rosaceae
Prunus 'Umineko'	Prunus	Rosaceae
Sorbus hupehensis	Sorbus	Rosaceae
Sorbus 'Joseph Rock'	Sorbus	Rosaceae
Ulmus Jacqueline Hillier	Ulmus	Ulmaceae

Testing new species:

Hamamelis x intermedia Jelena

Clerodendrum trichotomum

Conclusion:

- Pruning/crown management does influence tree related subsidence claim numbers and costs.
- Not enough species diversity for small tree
- Greater emphasis on planting large tree species ‘where appropriate’

Acknowledgements:

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Thank you for listening