

A Review on Policy 4A.x: Tackling Climate Change in London

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Summary

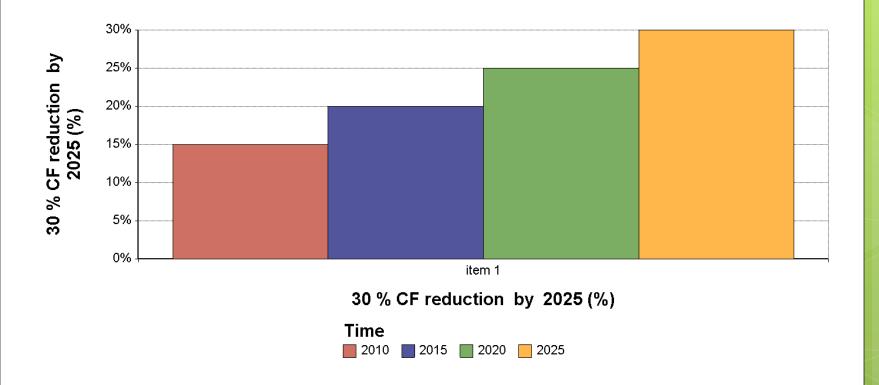
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Introduction

- London Plan is the London mayor's strategic plan which considers many aspects of London as city
- The policy has been out for expert discussion since 2004
- The plan comprises of number of policies which each discusses one aspect that should be improved

Plan Policy 4A.2

- Policy 4A.1 and 4A.2 are named "Tackling & Mitigating Climate Change" where the strategies for CO2 reduction are outlined
- The Climate Change category overall consists of 34 policies starting from 4A.1 to 4A.34
- Policies 4A.1 and 4A.2. 4A.1 integrates use of less energy consumption trough proper designs, constructions and reconstructions



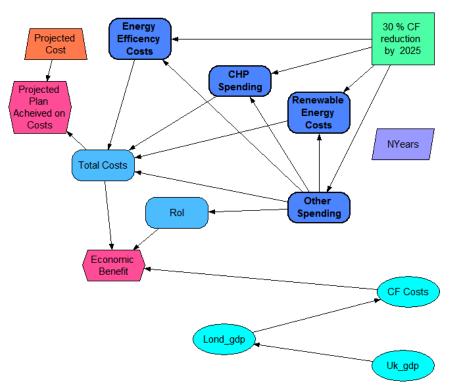
Reviews

- Published since 2004
- Public consultation changes documented between Oct 2009 to Jan 2010
- Early suggested changes done in May 2010
- Draft replacement plan documented in Dec 2010
- Tackling climate change has not been amended foremost

Financial Assessment

- Various aspects of the London Plan sustainability domain is evaluated
- Financial domain is less analysed
- Financial analysis of policy is crucial for avoiding future concerns
- There are different methods for financial analysis
- Probabilistic network respectively is an appropriate method for modelling policy 4A.x financial assessment

Extended Influence Diagram for 4A.2



Conclusion

- The complexity and the boundary paradigm of the system under consideration are the factors that justify the use of an expandable Influence Diagram Network.
- Node reversal and removal is used to evaluate the policy ID
- Complexity, efficiency, and accuracy of the ID should also be modelled

Key References

- Government Office for the East of England. (2008, May). Retrieved Sep 2011, from DECC.
- Greater London Authority. (2011). London Plan. Retrieved 2011, from London.Gov: http://www.london.gov.uk/priorities/planning/vision/london-plan/replacement-process
- Hosseinian Far, A., Jahankhani, H., & Pimenidis, E. (2011). Using Probabilistic Networks for London Plan Knowledge Representation. CIS2011. London: IEEE.
- Hosseinian-Far, A., Pimenidis, E., Jahankhani, H., & Wijeyesekera, D. C. (2011). Financial Assessment of the London Plan Policy 4A.2 by Probabilistic Inference and Influence Diagrams. EANN/AIAI Joint Conference. Corfu-Greece.

Thank you