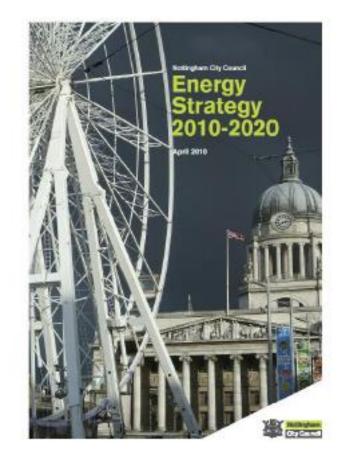
# Nottingham's Energy Strategy

#### Wayne Bexton – Head of Energy Projects



## Nottingham Energy Strategy

#### Generation Efficiency Distribution Supply





# **Aims and Objectives**

- A 26% reduction of carbon dioxide emissions against 2005 levels.
- 20% of the City's own energy generated from low or zero carbon sources.
- Tackling Fuel Poverty/Generating an Income/Commercialism Agenda.



### NCC Solar Canopy Programme

### Site Review

### **Business Case**

# DNO



# Planning

- Early Engagement with Site Management
- Pre Planning
- Community Consultation
- Conceptual Drawings



# Delivery

- Internal DLO
- PV Framework
- FiT registration (Ekkosoft Software to monitor performance)



### Completion

New funding streams

Other Financial Benefits

Education tool







### Harvey Hadden Issues

- Originally double sided.
- Leisure Centre high energy user.
- Main positive feedback has been the rain shelter element!
- Early planning engagement through the pre planning process.
- Ducts etc went in early at a cost of £10,000 future proofing.



### Issues Continued.....

- Ducts under road were already in place early consideration saved money!
- Joined up working with departments (this has led to other schemes eg: Broadmarsh).
- Positives for Leisure Services has ensured they are going to engage going forward on new sites.
- Not one objection to the planning application well received by all.













#### Generation – small scale

DOMESTIC 3,500 social houses completed Further 3,000 social houses identified fo Phase £10M capital approval Investigating "Rent a roof" scheme for private homeowners **Delivery through internal** DLO

COMMERCIAL 10 installations completed on Council owned properties Further investment of £2.1M investment on car park canopies and £0.5M investment roofs Extension to strategic partners In city **Delivery schedule** currently in development



### Considerations

- Positive for the Leisure Centres.
- Education tool.
- Further opportunities: charging/advertising.
- Collaboration (Community, businesses).
- Smart City agenda.





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