

# Nottingham's Energy Strategy

**Wayne Bexton – Head of Energy Projects**



**Nottingham**  
**City Council**

# 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 SPORTS VILLAGE





HARVEY HADDEN SPORTS VILLAGE



# 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.









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# Generation – small scale

## DOMESTIC

- 3,500 social houses completed
- Further 3,000 social houses identified for Phase 2
- £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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