

Nottingham City Council

Final Project Report Update

Project Title: Schools' Collaboration on Resource Efficiency (SCoRE)

Lead Department: Energy Services



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DOCUMENT CONTROL

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1.0 PURPOSE OF DOCUMENT

Executive Summary

SCoRE, or Schools' Collaboration on Resource Efficiency began as a pilot trial run by The Carbon Trust in 2011.

SCoRE is a programme run solely with the aim to help schools and communities to become more eco-friendly and sustainable and to make financial and carbon savings by reducing energy consumption and associated emissions through behavioural and technical changes.

Following this, in March 2012, Forum funded two roles at £67,000. With an under spend of £41,608 in 2014, this provided 6 months extra support. In September 2014, Forum agreed the further underwriting of £134,000 extending both posts until September 2016.

2.0 PROJECT OBJECTIVES ACHIEVEMENT

SCoRE has won a National Green Apple Award received at Westminster 2011 and was voted finalist in the Local 2015 Nottingham Evening Post Awards.

During role, officers have qualified as Energy Surveyors.

Technical Change

Officers have carried out:

- 87 detailed energy efficiency surveys
- 87 survey reports

Survey reports identified:

- £100,000 per annum from potential lighting upgrades
- 12 boilers for replacement
- £580,000 in cumulative savings for similar interventions over school estate

Schools invested:

- £83,719 Salix investment (Salix total since 2012)
- £31,692 School investment

Technical change has included:

- Replacement lighting
- Boiler and heating system upgrade
- Glazing/partial glazing update
- IT and server efficiency implementation
- Insulation installation
- Timer switches and programmes overhaul
- Heating, timers and boiler upgrade

Resulting in:

- £36,218 energy cost savings per annum (since 2012)
- 197 tonnes of CO2 savings pro rata (since 2012)

SCoRE has been instrumental in developing council's in-house workforce or Direct Labour Organisation (DLO).

Behavioural Change

Engagement, Primary:

- Whole school assemblies
- Small group and whole class sessions
- Child led energy audits
- School mapping
- Lighting labelling
- Temperature measuring
- Forming of energy saving pledges

Engagement, Secondary:

- Inner workings of power stations
- Law, legislation and Parliament
- Renewable technologies
- Climate change
- Fossil fuels
- Carbon capture and storage
- DECC led live computerised simulation; 'My 2020 World'
- Forming of energy saving pledges

Schools participating in the SCoRE programme benefit from:

- Curriculum enriched engagement
- Energy policy writing support
- Eco-team formation
- Campaigns, green guidance and lesson plans
- Eco-Schools support and advice towards Energy Module for Green Flag award
- Increased schools' awareness of energy through NCC's Marketing and Communications team, BBC Radio Nottingham, Evening Post, Impact magazine, Scene, City's intranet, schools net and school newsletters
- Strengthened existing operational relationships within NCC

To date, officers report:

- 84 whole schools assemblies
- 46 early year's education days
- 25 adult engagement sessions
- 17 Climate Cops Activity Days
- 14 travelling plays 'Town of Total Darkness' delivered using a professional cast of actors and stage sets

A further:

- 29 schools awarded full SCoRE status (1-2 week's engagement followed by ceremony)

SCoRE has reached approximately

- 8,850 City pupils
- 2,200 members of school staff

Adult Engagement carried out:

- 91 whole staff meetings
- 14 train the trainer styled catering and cleaning workshops with dissemination to 56 schools
- 65 Automatic Meter Reading (AMR) and energy management training sessions
- 27 boiler heating and health check training advice workshops

SCoRE reports 56 public engagement events ranging from small market stalls to international conference, raising the profile of SCoRE and providing energy and sustainability training.

The success of the SCoRE project has been recognised, it has been used as a model to develop The Northamptonshire Waste and Energy Education Team Energy sessions.

4.0 CONCLUSION

SCoRE will cease service on the last day of the month of September year 2016 due to cease of Forum Funding.

There remains a carry-over of £0.00 from Schools Forum funding from spending to date.
