

SOUTH TYNESIDE COUNCIL HOME ENERGY CONSERVATION ACT (HECA) PROGRESS REPORT 2015

Local authorities are uniquely placed to assess the needs of their areas and local residents and to act as catalysts for change. The Home Energy Conservation Act (HECA) 1995, recognises local authorities' ability to use their position to improve the energy efficiency of all residential accommodation (owner-occupied, privately rented and social housing) in their areas.

This progress report 2015 updates the initial Further Report, submitted in March 2013, and sets out the energy conservation measures undertaken in the preceding two years and those that South Tyneside Council consider practicable, cost-effective and likely to result in on-going and significant improvements in the energy efficiency of residential accommodation in the South Tyneside area.

Further progress reports detailing how South Tyneside Council is progressing with the measures identified within this report and the impact on emissions and the level of fuel poverty locally will be provided at 2 yearly intervals i.e. 31st March 2017 up to and including 31st March 2027.

ACTION		TIMING
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1/ LOCAL ENERGY EFFICIENCY AMBITIONS AND PRIORITIES

Carbon Emissions Reduction in the Domestic Sector	<p>South Tyneside Council is a signatory to the EU Covenant of Mayors Initiative, a voluntary commitment to increase energy efficiency and the use of renewable energy sources within the Local Authority area. South Tyneside Council has set a target to reduce carbon emissions by at least 20% by 2020, against a 2005 baseline. An initial plan for achieving this level of CO₂ emissions reduction is contained in South Tyneside's Sustainable Energy Action Plan. Sustainable Energy Action Plan for South Tyneside. A full progress monitoring report and revision of the Sustainable Energy Action Plan is due in the near future.</p> <p>Current performance on emissions from all sectors is 4.7 t CO₂ per capita, a 13.3% reduction on the 2005 baseline. Domestic carbon emissions account for approximately 50% of total CO₂ emissions for South Tyneside, and at 2.2 t CO₂ per capita are slightly lower than the North East average. 2005 to 2012 UK local and regional CO₂ emissions</p>	2020
Tackling Fuel Poverty	The latest Fuel Poverty Statistics from the Department of Energy and Climate Change (published June 2014) indicate that the level of fuel poverty in South	

	<p>Tyneside is 11%. This represents 7,243 households out of a total 65,896 households.</p> <p>Sub-Regional Fuel Poverty Data 2012</p> <p>As energy costs have continued to rise at a greater rate than inflation and wage increases in the intervening two years, it is reasonable to assume that the actual fuel poverty rate will have continued to rise since 2012.</p> <p>The Council's aim is to tackle fuel poverty with progress directed and implemented through a multi-agency Fuel Poverty and Falls Prevention Partnership. Current priorities include maximising partner participation in the regional energy efficiency delivery programme 'Warm Up North' and the link between fuel poverty and health to bring about greater engagement of health, social care and other professionals.</p>	
Housing Act 2004	<p>The Council's aim is to continue to eliminate Category 1 hazards of which 'excess cold' is particularly significant. The Council will continue to apply a broad range of enforcement options to compel improved standards.</p>	Ongoing
South Tyneside Joint Strategic Needs Assessment (JSNA) and Health & Wellbeing Strategy	<p>South Tyneside's Joint Strategic Needs Assessment contains recommendations relating to a continued commitment to invest in warm homes initiatives aimed at vulnerable people in socially and economically disadvantaged households in order to reduce fuel poverty and avoid increased levels of excess winter deaths.</p> <p>South Tyneside Council has a corporate commitment to reduce levels of fuel poverty in the local area. This commitment is set out in South Tyneside's Health and Wellbeing Strategy.</p> <p>Age UK has carried out national research analysing Health and Wellbeing Boards' plans to reduce fuel poverty. South Tyneside fared well, scoring the highest rating of 5, for a Health and Wellbeing Strategy that acknowledges both issues of Fuel Poverty and Excess Winter Deaths and considers them both high priority within the Strategy.</p> <p>'Are Health and Wellbeing Boards Taking Fuel Poverty Seriously?' Age UK</p>	Affordable Warmth interventions during 2013-15 and planned for 2015-16.

	<p>2014</p> <p>A multi-agency Fuel Poverty and Falls Prevention Partnership meets regularly to drive action to tackle fuel poverty and reduce Excess Winter Deaths. Partners are working to develop a revised Affordable Warmth delivery plan, linking winter warmth planning, housing, health and income related interventions and reflecting the fuel poverty and health focus of the Government's new Fuel Poverty Strategy 'Cutting the Cost of Keeping Warm'.</p> <p>The partnership will fully explore and take advantage of new opportunities to fund innovative approaches to tackling fuel poverty for vulnerable households and to strengthen health sector engagement, following the announcement of a new central heating fund and funding for innovative projects focused on health, park homes and community energy.</p>	
South Tyneside's Integrated Housing Strategy	Addressing fuel poverty is a key priority for South Tyneside's developing Integrated Housing Strategy. The strategy advocates a multi-faceted approach to tackling fuel poverty, which supports people in all types of housing circumstance.	2015 ongoing
2/ MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION		
ECO AND GREEN DEAL		
Warm Up North	<p>The Council has taken a strategic approach to the Green Deal and combined with a further eight North East local authorities, to operate Warm Up North, an energy efficiency partnership, governed by an Inter-Authority agreement. Following an extensive procurement, part-funded through the Intelligent Energy - Europe (IEE) programme, British Gas was appointed as delivery partner to deliver a wide range of property insulation and energy efficiency measures to domestic properties (all tenures) and publically owned non-domestic buildings.</p> <p>Warm Up North Energy Efficiency Programme</p> <p>Warm –Up-North's high level objectives are to: improve energy efficiency/reduce energy consumption; reduce carbon emissions; reduce consumer energy bills /</p>	Launch 2013 Project to run 2013 – 2018 plus possible 3 year extension

	<p>alleviate fuel poverty and safeguard/create employment.</p> <p>The scheme launched in late 2013, with the aim of delivering energy efficiency improvements to tens of thousands of homes in the North East over a five year period, dramatically improving the efficiency of homes in the region. A local installer network has been developed to grow supply chains and employ people from the local area. Early plans included a number of large-scale, area-based social housing schemes, however the impact of the government's ECO changes following scheme launch and the shifting policy environment, has been the necessary adjustment of programme priorities through the project's early phases. It has so far not been possible to proceed with larger, area-based schemes for solid-wall, non-traditional housing upgrades etc. however opportunities for progressing these schemes continue to be explored.</p> <p>There has been a £300,000 ECO investment in measures for South Tyneside through the Warm Up North programme to date. Measures have included boiler repair and replacement, full central heating systems and loft and cavity wall insulation, delivered at zero or very low up-front cost to residents. The project's focus currently is the delivery of measures through the Home Heating Cost Reduction Obligation (HHCRO) with the aim of installing 500 plus measures per year in South Tyneside. A combination of direct mail shots to households in receipt of qualifying benefits, supported by partner referral processes, signposting and marketing are the primary means through which referrals to the scheme are being generated.</p>	
Hard to Treat Cavity Wall Insulation	ECO support secured for installation of cavity wall insulation in hard-to-treat homes. South Tyneside Warm Zone attracted ECO to match fund Department of Energy and Climate Change Fuel Poverty Fund and increase the number of installs. The majority of ECO funding secured was used to fund the removal and replacement of failed formaldehyde insulation systems to 80 homes. Further ECO funding secured in early 2014 enabled South Tyneside Homes to complete the programme of formaldehyde replacement for a further 215 homes.	2013 -15

	<p>South Tyneside Homes are in the process of tendering for insulation upgrades to a further 200 Hard-to-Treat homes, to be completed in 2015. This work will again be part ECO funded.</p>	
DECENT HOMES	<p>Since 2008 approximately 65% of council housing stock has been improved through the Decent Homes Programme. Thermal efficiency has been improved through the upgrading of single to double glazing, Upvc to composite doors, new roofs with loft insulation, cavity wall insulation, plus the installation of A rated boilers, TRV's and energy efficient lighting. Over 12,000 homes have now been improved to decent homes standard with completion of the core programme due December 2016. A further 'mop-up' programme will follow, with completion of the full programme expected within the next three years.</p>	2018
Non-Traditional Homes	<p>Alongside the Decent Homes Programme, work has been carried out to address poor thermal efficiency standards in a large proportion of the borough's non-traditionally constructed housing stock. Upgrades have been completed to over 1000 non-traditional properties, shifting the energy efficiency ratings of these homes from Band E to Band C and higher for some construction types (Tarran Newlands Band B). This work has included a full refurbishment of the property including the installation of external insulation with render finish, new internal insulation, the installation of A rated boilers, replacement doors and windows, replacement loft insulation and the provision of new heating controls. These thermal comfort works to non-traditional homes have been completed with support from the European Regional Development Fund (ERDF) and the Community Energy Savings Programme (CESP).</p> <p>£200,000 was secured from the Department of Energy and Climate Change for an early Green Deal Demonstrator project, which focused on the upgrade of 16 private sector non-traditional homes. This funding award was supported by an additional £112,000 ECO contribution from the Warm Up North delivery partner, British Gas.</p>	On-going

	A further 330 non-traditionally constructed homes are to be upgraded in 2015 (1320 thermal comfort measures). This project will attract ECO funding to support a significant investment in the housing stock.	
Non-Traditional 'Crosswalls'	There is ambition to complete the transformation of the borough's remaining non-traditional housing stock within the next three years, including the upgrade of up to 500 'Crosswalls'. It is hoped that a bid to access Green Deal Home Improvement Funding to support this work, will be successful.	2018
Empower Health Through Warmth	<p>The Health Through Warmth programme continues to support vulnerable households in South Tyneside, offering alternative provision for those who don't qualify for Home Heating Cost Reduction Obligation (HHCRO) assistance. The programme provides support to people with long-term illnesses exacerbated by the cold, and who find it hard to fully fund heating and insulation measures in their homes. As such the programme has proved to be an extremely valuable resource for South Tyneside Council, helping residents access funding from a range of sources including government funding, charitable organisations and the Health Through Warmth Crisis Fund.</p> <p>Over 400 heating measures have been installed in private sector homes in South Tyneside in the period 2013/15. It is expected that the programme will continue to offer support to South Tyneside residents for the 2015-2017 period.</p>	Ongoing
Fuel Poverty and Falls Prevention Partnership	South Tyneside's Fuel Poverty and Falls Prevention Partnership is a Public Health led programme that meets on a regular basis to share information and best practice as well as co-construct local plans. The Partnership aims to tackle fuel poverty, reduce falls, promote warm homes, oversee local implementation of the Public Health England Cold Weather Plan and combat Excess Winter Mortality. Structures feed directly into the Health and Wellbeing Board via the Prevention and the Lifecourse Group. Public Health England are a regular attendee of the partnership meetings and other key partners are listed in section 4 of this document. The Partnership intends to continue to promote the Fuel Poverty	2015 ongoing

	<p>agenda through the development of specific projects and literature to be delivered /distributed by the group.</p>	
<p>Age UK Affordable Warmth Interventions</p>	<p>Age UK South Tyneside has continued to deliver a wealth of home energy related interventions to vulnerable households in South Tyneside in the 2013-15 period, starting with a holistic assessment of the older persons needs prior to referral for support from a wide range of services to improve home energy efficiency and address other needs. Measures/Programmes delivered include:</p> <ul style="list-style-type: none"> • EON funding to deliver energy efficiency assessments, to fit draught-proofing, radiator foils, insulation and cold alarms to alert older people when temperatures fall. • Public Health funded Falls Prevention Service, providing local older people with an assessment, aids and adaptations, removing hazards, fixing identified problems to prevent older people from falling in their homes. • Older people accessing energy efficiency assessments are assessed by Age UK's Information and Advice service to check eligibility for Warm Homes Discount. • Age UK South Tyneside continues to raise awareness of home energy efficiency, delivering events to encourage older people to keep warm and well through their 'Spread the Warmth Campaign'. • Funding from GlaxoSmithKline has enabled the employment of a Postural Stability Instructor to assist older people who have received a falls assessment to improve mobility and encourage physical activity, further integrating the links with health and social care services. <p>South Tyneside Clinical Commissioning Group's (CCG) Resilience Group includes council representatives from Social Care and Public Health. This group is responsible for the distribution of Winter Pressures funding. Winter Pressures funding 2014/15 is supporting a 'Home from Hospital' programme through Age UK, where homes are prepared (made safe and warm), ready for an older persons return.</p>	<p>2013-15</p>

	It is anticipated that Age UK South Tyneside will continue to deliver similar services in the 2015-16 period.	
NEA Community Action Partnership	<p>National Energy Action (NEA) and British Gas have teamed up with Warm Up North to launch a Community Action Partnership (CAP) in the North East, which will allow Warm Up North partner authorities access to a British Gas Community Investment Programme. Through the scheme, selected charities and community groups will be able to refer people to Warm Up North to find out if they are eligible for a free or subsidised gas boiler and other energy efficiency measures, such as loft and cavity wall insulation. Each successful gas boiler install will attract a cash incentive for the community group / charity to reinvest in their community projects. Age UK, which has branches in the nine Warm Up North Local Authority areas, is one of the first voluntary sector organisations confirmed to be part of the scheme. As part of the project, NEA will provide information and support to front-line organisations over the coming months to help local people benefit from warmer, more energy efficient homes. Specialist support from NEA, will allow staff working on the ground within South Tyneside's communities to identify residents facing fuel poverty, helping to ensure that the people most in need of help receive the assistance they require.</p> <p>The programme will run to April 2016 and there will be opportunities for other organisations, who help harder-to-reach households and communities, to get involved.</p>	2016
INFORMATION, ADVICE, EDUCATION, PROMOTION		
Big Energy-Saving Network	Big Energy Saving Network – In 2013 South Tyneside Homes secured funding from the Department of Energy and Climate Change (DECC), under their Big Energy Saving Network Programme. Through this programme South Tyneside Homes have been able to deliver an extensive programme of outreach to vulnerable consumers, focused on helping them reduce their energy costs through taking action on tariffs, switching and the take-up of energy efficiency offers. The	2013-2014 2014-2015

	<p>project saw the delivery of in-house training to 170 front line staff and 40 involved tenants.</p> <p>Additional funding secured for 2014-15 was used by the involvement team to update the training programme for further roll-out to tenants. The training has focused on energy efficiency issues and on encouraging tenants to take ownership of their relationship with energy suppliers and switching supplier themselves (where advantageous) rather than provide a switching service per se.</p> <p>Through the programme a number of front line staff have also been trained to deal with minor enquiries and to refer more involved energy efficiency / supplier issues to the Energy team. This has resulted in an increase in the number of issues being referred and hence an increase in the number of opportunities to provide quality advice to tenants. Enquiries/issues dealt with tend to be quite complex ranging from accrued debt and missed repayments to self - disconnection issues amongst the most vulnerable.</p>	
Community Energy Saving Competition	<p>South Tyneside Homes is in the process of carrying out a borough wide tenants energy survey that will capture information which has traditionally not been available and will prove invaluable for helping to target resources to those tenants that are most in need. The survey will capture key information around vulnerability, levels of fuel debt, type of heating system, energy provider, payment methods, entitlement to the Warm Homes Discount, location of meters, general behaviour around energy use in the home and monthly spend on energy against monthly income – which will help to establish levels of fuel poverty. The results, particularly around the numbers of pre-payment meters, the levels of fuel debt and current energy suppliers will help inform future work focused on helping residents access more competitive energy tariffs. A successful bid to the Department of Energy and Climate Change Community Energy Saving Competition has provided part-funding to support this work.</p>	2015-16
Reduced Energy Tariffs for New Tenants	<p>DECC Local Authority Competition – ‘Better Energy Together’ 2012.</p> <p>South Tyneside’s first Collective switching initiative was launched in February</p>	April 2013 ongoing

	<p>2013, reaching vulnerable, fuel poor households through the community based activity of 2 dedicated Energy Advisers. The aim of the initiative was to help tackle fuel poverty amongst vulnerable households in South Tyneside, by reducing residents' expenditure on energy bills. Following the 'South Tyneside Switch', the potential for further opportunities to help residents/tenants access more competitive energy tariffs, as a means of tackling fuel poverty particularly for those on pre-payment meters, continues to be explored. South Tyneside Homes is currently working with OVO energy to offer reduced energy tariffs to new tenants, linked to the Empty Homes Team. The project is still in the early stages but potentially every void council home will be signed up with OVO energy, providing the incoming tenant with a very competitive tariff offer at the start of their new tenancy.</p>	
Community Energy Advisers	<p>South Tyneside Council and South Tyneside Homes recognise the value of Community Energy Advisers working at a local level, within communities, to address the problem of rising energy bills and fuel poverty and will take advantage of any future funding opportunities to help secure provision of similar face-to-face services, across all tenures.</p>	2015
Warm Up North Promotion	<p>South Tyneside Council will ensure effective, timely, communication with householders, partner organisations, private landlords, members, on Warm up North offers and opportunities for engagement, using all available communication channels including Community Area Forums, residents' newsletters, direct mail etc.</p>	Ongoing
FEED-IN-TARIFFS		
Solar Photovoltaic Capital Investment (Retrofit)	<p>South Tyneside Council /South Tyneside Homes completed the retrofit of 80 council homes with Solar Photovoltaic installations in 2012. There has been additional capital investment since this time resulting in a further 220 homes receiving Solar PV installations.</p> <p>The 2015 Capital Investment programme for Solar PV will be delivered in the first quarter 2015 and will see a further 260 (approx.) council homes fitted with solar</p>	2014-15

	<p>installations. The project has helped South Tyneside Council / South Tyneside Homes to address a number of issues for tenants including the availability of affordable energy and rising energy costs. The provision of free electricity to some of our most vulnerable tenants is helping to alleviate fuel poverty and the generation of renewable energy is helping to reduce borough-wide carbon emissions associated with the domestic sector.</p> <p>South Tyneside Council and South Tyneside Homes remain committed to the deployment of renewable energy as a means of supporting vulnerable tenants and tackling fuel poverty.</p> <p>The delivery of future Solar PV schemes will be dependent on the allocation of capital funds, the identification of suitable homes and future approval processes adopted by the District Network Operator, all of which will have a bearing on the economic viability of potential schemes.</p>	
Solar Photovoltaic Installations (New Build)	South Tyneside Council / South Tyneside Housing Ventures Trust Limited have incorporated Solar PV installations into the build of 67 new homes.	Ongoing
RENEWABLE HEAT INCENTIVE	In the last four years 183 renewable heating measures have been installed in 140 homes across the borough. Measures have included Air Source Heat Pumps and Solar Thermal Panels, replacing gas-ducted air systems and helping to reduce carbon emissions and fuel costs for tenants. These measures are now eligible to receive RHI payments under the RHI scheme launched in 2014.	Ongoing
Developing Decentralised Energy Solutions - Heat Networks	To strengthen the Council's position in considering energy options in the future, the Council has committed to developing a better understanding of the heat demand across the borough. The Council has successfully applied to the DECC Heat Networks Delivery Unit for funding to support the cost of borough-wide heat-mapping and energy master planning with some site/location specific feasibility work. This funding will help to provide an evidence base leading to the development of appropriate solutions for improved energy management and the exploration of a business case for the development of decentralised energy solutions for South Tyneside.	2015 ongoing

Hybrid Heating Scheme	<p>South Tyneside Homes is one of a select number of organisations taking part in a flagship programme to demonstrate and monitor a new hybrid heating system which combines a high efficiency gas combi boiler and the latest renewable energy air source heat pump. The systems will be integrated with Solar PV which will serve to future proof the properties by reducing tenants' energy costs further and alleviating fuel poverty. The heat pump element of the hybrid system is eligible for the Domestic Renewable Heat Incentive (RHI), which will offer RHI payments over the next 7 years. Properties with heat monitoring installed are also able to claim additional funding from DECC for a 7 year period as part of a scheme to encourage the take-up of renewable heating systems. All monitoring data collected as part of the trial will be shared with DECC and used to assist central government policy development.</p>	
ZERO CARBON HOMES	<p>We will continue to ask for standards as laid down in the current building regulations and keep abreast of developments in respect of the government's commitment to Zero Carbon homes. The latest updates to Part L came into force on 6th April 2014 and as a result new build homes will have to be an average of 6% more energy efficient than under the 2010 regulations and non-domestic buildings will have to be 9% more energy efficient than under the 2010 regulations.</p> <p>The Local planning authority monitors measures taken to ensure developments minimise their impact on the environment and the causes of climate change by application of the Code for Sustainable Homes, in accordance with our adopted Local Development Framework Policies ST2 (Sustainable Urban Living) and DM1 (Management of Development).</p> <p>South Tyneside Council is driving forward a series of schemes providing quality new homes across the borough. 222 new homes at Trinity South are being built to Code level 3. 120 homes at Simonside Park are being built to a minimum Code level 3 with the option for potential purchasers to upgrade to Code level 5. 20 bungalows in the scheme are being built to Code Level 4.</p>	2016

	<p>South Tyneside's Local Development Framework policies on Mixed-Use Development Opportunities all seek to encourage higher than excellent BREEAM and EcoHomes standards in our three town centre-based Area Action Plan areas.</p> <p>South Tyneside's Supplementary Planning Document 1 Sustainable Construction and Development is now somewhat outdated and its review will be incorporated in the current review of all our LDF policies as part of the preparation of our new Local Plan over the next few years South Tyneside's Local Plan so will reflect any updated approaches, standards and guidance as appropriate.</p> <p>The UK's first carbon negative social housing scheme at Sinclair Meadows in South Shields is an excellent example of new housing development in the borough that is already going beyond the Zero Carbon definition. Sinclair Meadows</p>	
EPCs	<p>South Tyneside Council has an established database compiled by South Tyneside Warm Zone, holding energy efficiency data for over 28,000 homes across South Tyneside. Further EPC / Green Deal Assessment data is now held by Warm Up North for those homes where ECO support has been accessed.</p> <p>A pre-requisite to green funding is the requirement to carry out a Green Deal Assessment or an Energy Performance Certificate (EPC). Currently this work is outsourced however officers have recently completed training to enable these assessments to be carried out in-house, with an initial focus on void properties and those seeking accreditation. In addition, a number of South Tyneside Homes staff have completed Green Deal Assessment training for a further six members of staff.</p> <p>South Tyneside Homes have over 8,000 EPC's in place for council homes (over 45% of the stock). EPC's are undertaken for all void properties, when homes are re-let and prior to thermal efficiency improvement works. Opportunities for</p>	Ongoing

	interrogation of this data to help identify homes that are suitable for loft-insulation/loft-insulation top-ups are currently being explored with Warm Up North.	
<p>MINIMUM STANDARDS IN PRIVATE RENTED SECTOR</p>	<p>Private rented homes in South Tyneside account for approximately 7% of the occupied housing stock and there is strong evidence to suggest that the sector will play a much more important and prominent role in the local housing market in the future.</p> <p>From April 2016, residential private landlords will not be able to unreasonably refuse consent to a tenant's request for energy efficiency improvements where Green Deal finance or subsidies are available to pay for them.</p> <p>From April 2018, private landlords will need to ensure that their properties reach at least an E EPC rating, or have installed those improvements that could be funded using available Green Deal finance or subsidies available to pay for them, before granting a tenancy to new or existing tenants.</p> <p>The Council will continue to develop its relationship with private landlords through the local accreditation scheme to raise awareness of the new standards and potential funding routes and incentives available to encourage investment in the private rented sector and the adoption of higher energy efficiency standards. In particular, the Council will raise awareness of Warm Up North, the Landlord Energy Saving Allowance, reduced VAT for energy efficiency /heating improvements, the Government Feed-in-Tariff and Renewable Heat Incentive schemes.</p> <p>The energy efficiency of 400 private rented homes has been upgraded in the 2013-15 period, as a result of engagement in the Private Rented Accreditation Scheme.</p> <p>The Council has explored a number of methods for bringing empty homes in the private sector back into use, including enforcement and private sector leasing. Currently the primary methods employed include Empty Dwelling Management Orders and working with South Tyneside Housing Ventures Trust to acquire long-term empties for refurbishment and letting. The energy efficiency of these homes is improved as part of the refurbishment. As a minimum, new windows, doors, loft / cavity wall insulation, central heating systems (A-rated boilers) have been</p>	Ongoing

	<p>installed. Where costs have allowed, a number of homes have benefitted from the installation of internal insulation where it has not been possible to raise the energy efficiency rating of the property by alternative means.</p>	
<p>SMART METERS</p>	<p>The government is currently working with industry and consumer groups to prepare for mass roll-out of smart meters, starting in 2015. 80% of domestic electricity consumers are expected to be using smart meters by 2019. As part of the national roll-out programme, South Tyneside Council will support the installation of smart meters linked to measures delivery through Warm Up North, where this fits with the desired approach of the delivery partner.</p> <p>South Tyneside Homes has worked with partners Northern Powergrid and British Gas (along with EA Technology and the University of Durham) to install new low-carbon technologies as part of a trial, enabling the team to see the impacts on the power distribution network and look at how it might be adapted to meet future demand rather than having to implement expensive upgrades. Through the Customer Led Network Revolution (CLNR) project, air-source-to-water-heat pumps replaced electric night storage heaters, gas-ducted air and solid fuel/back boilers. Measures were funded through the Renewable Heat Premium Payment, Carbon Emissions Reduction Target (CERT), Community Energy Saving Programme (CESP), and British Gas, as part of a programme to improve comfort, reduce fuel costs and reduce CO₂ emissions. Smart technology has also been trialled as part of the programme, supporting customers to be more flexible in the way they use and generate electricity. The Customer Led Network Revolution project has now come to an end and the results from the trials are available from the CLNR website.</p> <p>Customer Led Network Revolution Trial Results</p> <p>South Tyneside Homes are working with Future Energy Solutions to install smart meters to three high-rise blocks in Jarrow, in summer 2015. This work will be fully funded apart from a small fee for technical survey and will provide useful early learning opportunities.</p>	<p>ongoing</p>

South Tyneside Council is considering partnering with Smart Energy GB, (the Central Delivery Body leading public engagement on Smart Meters) to support people in our community to access smart meters, and have registered interest with DECC and Smart Energy GB regarding this. [Smart Energy GB](#)).

3/ MEASURES PROPOSED TO COST EFFECTIVELY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMMODATION BY USING AREA BASED / STREET BY STREET ROLL OUT

- When undertaking energy efficiency improvements on council owned and managed stock, where practicable an area based approach will be adopted so that similar properties can be grouped into the same contract.
- All home energy efficiency schemes delivered to the private sector in South Tyneside have operated using an area based approach often on a ward-by-ward basis, prioritising homes with the poorest energy efficiency ratings.
- South Tyneside Warm Zone operated in the borough for the five year period 2008-13, delivering over 11,000 energy efficiency measures. The key concept behind the Warm Zones approach was the concentrated, co-ordinated and comprehensive area-based delivery of energy efficiency services. Warm Zones adopted a street-by-street approach to maximise the take-up of available assistance.
- It is anticipated that the roll out of Warm Up North across the nine partner authorities will present opportunities for the delivery of area-based energy efficiency measures, particularly in respect of the social housing stock and for joint private sector (particularly former right-to-buy) / social housing schemes, where there may be opportunities to attract both ECO and Green Deal Home Improvement Funding. South Tyneside Council/ South Tyneside Homes will continue to work with the Warm Up North delivery

2013 -2018
(possibility of further extension to 2021)

	partner to identify possible schemes that can be taken forward through the programme.	
4/ TIME FRAME FOR DELIVERY AND NATIONAL AND LOCAL PARTNERS		
	Time Frame for delivery of Warm up North is five years with the possibility of a further three years.	2013-2018 (potential extension to 2021)
	<p>Local partners include:</p> <ul style="list-style-type: none"> • South Tyneside Homes • British Gas • Registered Providers • Age UK South Tyneside • South Tyneside NHS Foundation Trust • South Tyneside Commissioning Group • Tyne and Wear Fire and Rescue Service • Public Health England (North East) • Carers Association South Tyneside • Job Centre Plus • Citizens Advice Bureau • South Tyneside Sight Service • Blissability • Alzheimers Society • Mind Mental Health • Department of Work and Pensions (Home Visiting Service) • National Energy Action • npower Health Through Warmth • Warm Up North Partner Authorities: <ul style="list-style-type: none"> Darlington Borough council Redcar and Cleveland Borough Council Newcastle City Council (Warm up North Lead Authority) 	

	Durham County Council Northumberland County Council Sunderland City Council Gateshead Council Hartlepool Council	
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- South Tyneside Council – Internal Partners
Public Health
Welfare Rights
Adult Social Care
Children and Families Social Care
Environmental Health
Trading Standards
Telecare Services



Signed off by.....

George Mansbridge, Head of Development Services, South Tyneside Council