Transcript: Climate In a Year

00:00 - 00:31
[Music: Background music all the way through the video]

[Image footage: Woodland, coast, county Durham scenery and renewable energy]

00:31- 01:00 [Image – footage – Students in classroom]
[Text: Students – St Cuthbert's Primary School]
00:31 – 00:39
[Text: Student A: We need to start using more solar and wind electric… electricity, renewable electricity.]
00:40 – 00:46
[Text: Student B: I would like to planet more trees ehh, help the environment and erm try and em and try and stop this from happening.]
00:46 – 00:53
[Text: Student C: Our futures it will be effected by how like, if we don't act now we might not have a future.]
00:54 – 01:00
[Text: Student D: It will be big changes for everyone and ermm and there would be more, like more chance of hope

01:00– 00:01:24

[Text: Maggie Bosanquet, Low Carbon Economy Team Leader]

[Text: Maggie: Climate emergency is going to affect every single person in county Durham and indeed the whole world so really every single person in the county is responsible for doing their bit.]

01:12- 01:18

[Image, footage: Electric refuse collection vehicle with Climate County Durham branding]

01:12 – 01:28
[Text continues: Maggie: The council is doing everything it can to tackle the emissions of carbon dioxide from everything that we do and not very many councils have got a whole department at the very high level for climate change, it shows how seriously Durham county council takes this.]

01:29 – 01:47

[Text: Adrian Cantle-Jones, Housing Regeneration, Project Manager]

01:29 -01:32

[Text: Adrian: A 1/3 of all eh carbon emissions in the uk come from domestic housing.]

01:33 - 01:46

[Image, footage of: Solar PV on roofs housing estate]

01:32 – 01:47
[Text continues: Adrian: Durham County Council and the housing solutions team, is currently working on a program to insulate a 1000 of the erm most inefficient homes in Durham. If we insulate home well, erm people's bills go down they reuse less energy and the energy they will be using will be green.]

01:48 –02:54

[Text: Tracy Millmore, Electric Vehicle Project Officer]

[Text: Tracy: Durham County Council has several projects to support the electric vehicle infostructure in and around Durham. 30% of carbon emissions come from road transport.]

01:57 –02:04

[Image, footage: Electric Car Charging Points]

01:57 – 02:54
[Text continues: Tracy: We've currently installed 63 electric vehicle charge points in Durham, with a further 110 electric vehicle charge points still to go. Those charge points have been fitted in places like community centre, libraries and leisure centres, with a focus on trying to widespread the charge points in city centre and also the rural areas of county Durham.]

02:55 – 00:02:32
[Text: Caroline Hearne, Business Energy Efficiency, Project (BEEP) Manager]

[Text: Caroline: The council has been helping businesses with decarbonisation since 2016 with the BEEP program.]

02:23 –02:29

[Image, footage: Renewable Energy, solar panels on roof]

02:23-02:36

[Text continues: Caroline: The BEEP program, which stands for business energy efficiency program. Is run by the low carbon economy team and we work with small to medium enterprises (SMEs) across county Durham to help them identify energy

efficiencies for their buildings.]

02:37 – 00:02:59

[Text: Susan Mullinger, Landscape Delivery Officer]

[Text: Susan: Since the year 2000 the county council has planted over 2000 hectares of woodlands and this is over a 1,000,000 trees.]

02:45 –02:54

[Image, footage: Woodlands, Trees]
02:37 -03:03
[Text continues: Susan: This 2000 hectares of woodland will have the ability to capture over 800,000 tonnes of carbon by the time they reach 50 years old. We are about to start a five year programme of managing these woodlands and managing the existing woodlands, will make them more resilient to climate change.]

03:03 – 00:03:39

[Text: Rosalind Farrow BSc MSc, Carbon and Energy Analyst]

[Text: Rosalind: The Tanfield solar farm was completed in January 2020.]

03:07–03:25

[Image, footage: Tanfield Solar Farm}

03:07- 03:42
[Text continues: Rosalind: and generates around 225,000 kilowatt hours of electricity every year. The solar farm was designed specifically to meet the needs of our offices in Tanfield, It saves us around £28,000 on our electricity bills every year and around 50 tonnes of carbon from the carbon footprint. We're also looking at other opportunities for renewable electricity generation in Durham. For example, we already have a Archimedes screw turbine on the river wear right in the city. Our hydro turbine was completed in 2015 and each year it generates around half a million Kilowatt hours of green electricity]

03:29 – 03:42[Image, footage: Archimedes Screw Turbine]

[Text: Rosalind:.]

03:43 –04:08

[Text: Chris Jones MCIOB, Senior Project Manager]

03:43-03:47
[Text: Chris: The Morrison busty depo project will allow us to go towards decarbonisation of]

03:48 – 03:57

[Image, footage: Sign of the Morrison Busty Depot, Housing, Scenery]

03:48 – 04:08
[Text continues: Chris: of the depot. It includes a three and a half megawatt solar farm, as well as that we are carrying out thermal insulation upgrades to our office buildings. We will also be installing electric vehicle charging infrastructure right the way through the depot, which will supply our new electric fleet including refuse wagons, pick up cars and other planting equipment.]
04:09 –04:40

[Text: Richard Hurst, Education Development Advisor- Sustainability Education]

[Text: Richard: Schools nationally account for 15% of the carbon emissions from the public estate which is very significant and in county Durham its actually 39% of the council's emissions come from school so there a really important sector for us in the authority.]

04:22 –04:32

[Image, footage: Students in their classroom at school]

04:22 -04:44
[Text continues : Richard: This year in 2021 we are running a schools international climate conference where we are working with over a 130 schools from Durham and around the world to investigate climate change and learn from one another. It's crucial we work with our young people so that they fully understand the opportunities but also the potential impacts of climate change going forward and that's something we are dedicated to and committed to from Durham county council.]

04:45 –05:02

[Text: Lindsey Huntley, Year 6 teacher at St Cuthbert's Primary]

[Text: Lindsey: This school really enjoy getting involved with climate change projects and the children really get on board. We recently received our green flag award, which is to reward, acknowledge and celebrate our ecological achievements.

Long term as a school we'd like to make better use of sustainable energy, we already took part in a no electricity day and looked at how we can help with our energy consumption.]

05:03 – 05:36

[Text: Cllr Mark Wilkes, Neighbourhoods and Climate Change Portfolio Holder]

[Text: Mark: Durham county council declared a climate emergency in 2019 and since then we've been working really hard to make sure we can hit the targets we need to hit, to make not only make our council but the county as a whole carbon neutral.

How we achieve that, how we take that journey from now to then, it's down to me, and you, and everybody. Collectively we can make sure that we don't only fix the problems of climate change, but we address issues of ecology and injustice and all of the other things as well that we all really want to see achieved.]

05:36 –05:44

[Image: Drone footage slowly going up as students passionately shout together]

[Text: Students: It's up to everybody to work together to change for a happy and safer future.]

05:45–06:03

[Image, footage: Solar farm, solar on roof, electric refuse collection vehicles, , woodland scenery and wind turbines]

06:04 –06:08

[Text: Climate Change County Durham Logo, Get involved- visit-climatecountydurham.org.uk]

06:09 –06:14

[Text: Durham County Council Logo, Turning Climate Talk into Climate Action]

00:06:11 – 00:06:18

[Music fades on ending]