



Sefton's Climate Change Emergency Plan

What Sefton Council are doing about
Climate Change.





Introduction

Climate is the weather conditions found in a certain place over a long period of time.

Climate change describes a change in the normal weather conditions. Like changes in average temperature and how much rain has fallen.



Climate Change is a threat to all life of Earth and scientists have said urgent action is needed.

How humans have lived over the last 200 years, has meant changes in our climate have happened faster.

Climate change is happening now and it is affecting plants, animals and humans.

What's happened So Far



All over the world countries have said we need to act together to stop climate change.

Scientists say changes need to happen quickly, within 12 years if it is to make a difference.

People have asked for action to happen.



In July 2019 Sefton Council said they agreed that there is a climate change emergency.

Lots of other Council's have agreed that there is a problem.

This plan is to show what Sefton Council is going to do to help climate change stop.

We are part of the group of people who want this to happen.

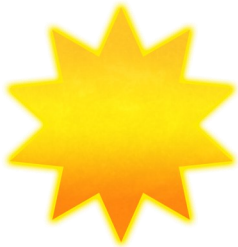


How does it affect Sefton?

As Sefton is on the coast we will see changes happen sooner and more strongly.

Things like

- Stronger weather like wind, rain and storms.
- Hotter and drier summers
- Warmer and wetter winters
- More flooding along the coast and rivers
- The coast line washing away



We already have been plans made about protecting the coast from strong weather, but we need to stop climate change making it worse.

What We Want To Do

Sefton Council wants to make changes to how they do their work. Idea's like -

- Using less energy and energy that does not change the climate.
- Have many spaces that have lots of trees and fields, called green spaces.
- When our work makes gases that are bad for the climate - like Carbon Dioxide, we will do something good for the climate, like plant more trees.



These things are better for the area we live in and the people who live there.

This will be a good chance for us all to make Sefton a better place to live.

What we need to do it

The plan has 7 areas we will focus on



C - **C**arbon Reduction - Carbon Dioxide is a gas that is made when something is burnt, like when making electricity from coal. Carbon is not good for the climate as it makes it warmer. We want to use less of it. We want to use clean energy by 2030. Like energy that comes from the sun or the wind.

L - **L**eadership - Sefton Council will lead the way in the decisions it makes.

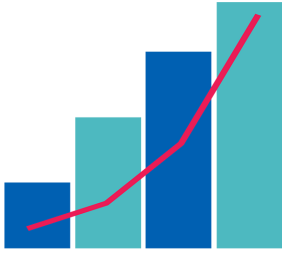
I - **I**nnovation - We will do things in a different way that will help the climate.

M - **M**obilisation - Means we are going to start acting now. Our staff and our decisions will support our plan to help stop climate change.

A - **A**daptation - When the effects of climate changes happen, like flooding, we will be ready to act. We will change how we take care of green spaces to keep people safe.

T - **T**ransformation - means change, we will change how we behave to make sure it protects the climate.

E - **E**ngagement - We will ask people what they think about our plans.



How are we going to do it

We need to report how much Carbon Dioxide and other harmful gases are made by Sefton Council.



There are different measurements

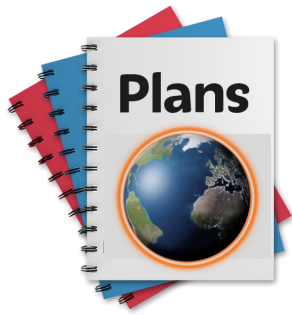
1. How much harmful Carbon Dioxide is made from Council buildings and vehicles.
2. How much harmful carbon is made when using energy, like the electricity we use.
3. How much carbon is made when the council does it's work. Like staff travelling around Sefton doing their jobs.



What we will do - Our actions

- We will find out how much Carbon Dioxide we make.
- We will find out what work we are doing now that we can do in a different way to reduce how much carbon we make.
- The 'climate change emergency' message needs action from all organisations and people. We will work together to take action.
- We will have detailed action plans for 10 years. These will list the actions and changes we will make.
- Make decisions and work in a way that does not harm the climate. This sometimes means doing something to help the climate because we had made Carbon Dioxide.
- To tell others about climate change - in the Council, other organisations and the people in Sefton.





The plans will be for the next 10 years.
From 2020 to 2030.

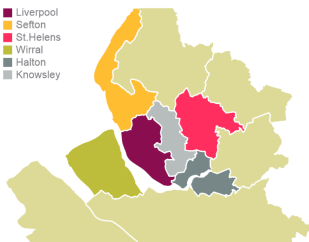
There are some things we are doing now



- Find out how much Carbon Dioxide and other harmful gasses we make now



- Any projects that are happening will think about climate change and reduce how much harmful gases we make



- Work with other organisations in the Liverpool City Region like Merseytravel



- Make and do the action the plan for years 2020 - 2023



- Give the first years report in July 2020 to Council leaders.

Sefton's Climate Change Emergency Plan



Sefton Climate Change Engagement Consultation Fact Bank



BIG words

This is a document that tells you what some of the big words mean that are mentioned in the Climate Change consultation.



Built environment and infrastructure

The place where people live and work.



Carbon

Carbon (also known as CO₂, carbon dioxide, or Green House Gas) is a gas released when we burn fossil fuels such as oil, gas, and coal. Carbon gasses are the major cause of climate change. Therefore, efforts are focused on reducing it.



Carbon footprint

A carbon footprint is the amount of carbon gas released into the air because of the activities of a particular individual, organisation, or community.



Climate change

Climate change is the warming of the planet because of harmful materials humans are putting into the environment. Burning fossil fuels such as gas, oil and coal are warming our planet, this is changing our climate.



Climate Change is a threat to all life on Earth and scientists have said urgent action is needed.

In July 2019 Sefton Council agreed that there is a climate change emergency. We have a plan showing what Sefton Council is going to do to help climate change stop. The report is in easy read.

Commercial and Industrial

How to reduce the environmental impact of Sefton businesses.



Community

This consultation gives you the chance to have a say in how you want to be involved in Sefton's climate change response.

We want to hear from as many people as possible, from every part of our borough.



Whether you live, work, or socialise in Sefton we want to hear from you. We will gather all the feedback we receive from this consultation to produce a Climate Change Community Engagement Plan.

Community Engagement Group

Climate change is not a one-off issue, it is ongoing and will not be solved quickly. So, the Council are thinking about setting up a 'climate change community engagement group'.



This group could allow people who live and work in Sefton to work with the Council on climate change action across the Borough.

Ecological Emergency and Biodiversity



Linking climate change action with work to improve the variety of plant and animal life in Sefton – some of it is important.

Energy and Fuel Poverty



A household is classed as being in energy or fuel poverty when they live in a home that does not keep warm and spend so much of their income on fuel that are the then below the poverty line.

Extreme weather events



In Sefton, scientists think climate change will mean we will see warmer wetter winters, hotter drier summers, and more extreme weather events such as storms and heatwaves.



Food insecurity

Not having enough food or types of food.

Green champion



A Green Champion is a person who is passionate about climate action in their home lives and who encourages climate action almost others in their community.

Impact of climate change



Climate change will impact everyone, but particularly those most vulnerable.

Net zero carbon



Net Zero Carbon means the balance between the amount of carbon produced and the amount removed from the air. We reach net zero when the amount we add is no more than the amount taken away.

Renewable energy



A change to using fossil fuels such as natural gas, coal and oil is to use what is called 'renewable energy'. This is energy that cannot be used up and comes from things like the sun and wind. Some examples of renewable energy sources are solar energy, wind energy, hydropower and geothermal energy.

Sefton's Climate Change Emergency Plan



Sefton Climate Change Engagement Consultation Fact Bank



BIG words

This is a document that tells you what some of the big words mean that are mentioned in the Climate Change consultation.



Built environment and infrastructure

The place where people live and work.



Carbon

Carbon (also known as CO₂, carbon dioxide, or Green House Gas) is a gas released when we burn fossil fuels such as oil, gas, and coal. Carbon gasses are the major cause of climate change. Therefore, efforts are focused on reducing it.



Carbon footprint

A carbon footprint is the amount of carbon gas released into the air because of the activities of a particular individual, organisation, or community.



Climate change

Climate change is the warming of the planet because of harmful materials humans are putting into the environment. Burning fossil fuels such as gas, oil and coal are warming our planet, this is changing our climate.



Climate Change is a threat to all life on Earth and scientists have said urgent action is needed.

In July 2019 Sefton Council agreed that there is a climate change emergency. We have a plan showing what Sefton Council is going to do to help climate change stop. The report is in easy read.

Commercial and Industrial

How to reduce the environmental impact of Sefton businesses.



Community

This consultation gives you the chance to have a say in how you want to be involved in Sefton's climate change response.

We want to hear from as many people as possible, from every part of our borough.



Whether you live, work, or socialise in Sefton we want to hear from you. We will gather all the feedback we receive from this consultation to produce a Climate Change Community Engagement Plan.

Community Engagement Group

Climate change is not a one-off issue, it is ongoing and will not be solved quickly. So, the Council are thinking about setting up a 'climate change community engagement group'.



This group could allow people who live and work in Sefton to work with the Council on climate change action across the Borough.

Ecological Emergency and Biodiversity



Linking climate change action with work to improve the variety of plant and animal life in Sefton – some of it is important.

Energy and Fuel Poverty



A household is classed as being in energy or fuel poverty when they live in a home that does not keep warm and spend so much of their income on fuel that are the then below the poverty line.

Extreme weather events



In Sefton, scientists think climate change will mean we will see warmer wetter winters, hotter drier summers, and more extreme weather events such as storms and heatwaves.



Food insecurity

Not having enough food or types of food.

Green champion



A Green Champion is a person who is passionate about climate action in their home lives and who encourages climate action almost others in their community.

Impact of climate change



Climate change will impact everyone, but particularly those most vulnerable.

Net zero carbon



Net Zero Carbon means the balance between the amount of carbon produced and the amount removed from the air. We reach net zero when the amount we add is no more than the amount taken away.

Renewable energy



A change to using fossil fuels such as natural gas, coal and oil is to use what is called 'renewable energy'. This is energy that cannot be used up and comes from things like the sun and wind. Some examples of renewable energy sources are solar energy, wind energy, hydropower and geothermal energy.