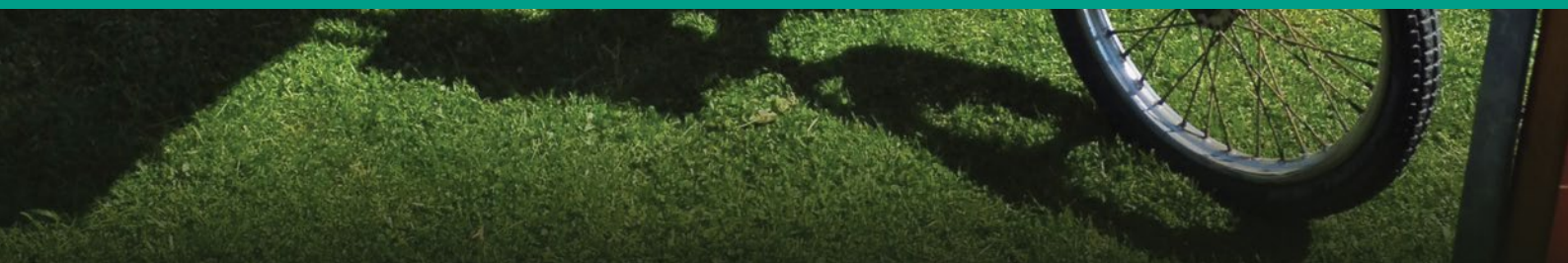


Climate Ready Scotland



Community resilience, health and well-being

Our local communities - the places we live, work and play can help or hinder our health, well-being and resilience.



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Across Scotland communities and organisations are working together to understand and respond positively to the impacts of a changing climate.

The approaches we take to change will depend on local aspirations and priorities. The best solutions combine local knowledge and skills, with technical and professional expertise.

Higher temperatures and extreme weather are direct threats to health and well-being. While warmer winters may mean fewer deaths from cold weather, it may also mean new risks from higher indoor humidity and temperature with associated physiological, respiratory and allergy problems.

The need to adapt to climate change is being included as part of many different community engagement approaches. Bringing more greenspace back into our towns and cities is a great way to manage heat in built up areas. It also has a range of health and wellbeing benefits. Children, young people and students are increasingly included in imagining climate ready places and having a say about practical responses.

Scotland's emergency responders do an outstanding job dealing with flooding events or supporting vulnerable residents during severe weather events. Communities are supported to develop and implement their own local resilience plans which are vital in coordinating local support during a crisis. Partners are also working to address the underlying conditions which affect communities' ability to prepare, respond and recover.

Keeping our hospitals, clinics and health facilities operational during severe weather events and supporting resilience to long term impacts is critical to enabling a well adapting Scotland. Regional Health Boards are taking important steps to assess risks to their facilities and services and implement measures to increase resilience.



www.adaptationscotland.org.uk/how-adapt/tools-and-resources/climate-ready-places-lesson-plans

Engaging and inspiring young people

The greatest impacts of a changing climate will be felt by today's children and young people, and by future generations. Scotland's children and young people must have a say in helping to shape our climate ready future.

A new set of lesson plans and resources for schools will help teachers engage with adaptation planning and action.

What we have achieved

- Make it as easy as possible for teachers and adaptation practitioners to educate and include children and young people in planning for a climate ready Scotland
- Help children and young people have a say in shaping local adaptation strategies and plans
- Educate and inspire children and young people to develop adaptation solutions

Partners

Adaptation
Scotland
supporting climate change resilience





Weathering Change: Becoming climate ready in north Glasgow

Weathering Change is an action research project supporting community resilience to climate change by bringing people and organisations together in north Glasgow.

The project has identified key local priorities and facilitated opportunities for local and statutory organisations to work together. We have learnt that while climate change may not be seen as an immediate local priority, there are opportunities to align adaptation activities with planned regeneration and local initiatives.

What we have achieved

- Understanding key local issues and how these might be affected by a changing climate.
- Generating learning that can support north Glasgow to become more climate ready in years to come.
- Identifying specific climate adaptation actions that can be jointly delivered by local and statutory organisations in north Glasgow.

Partners



Delivering health care in a changing climate

NHS Highland provides health care services to some of Scotland's most remote rural and Island communities.

Climate change impacts are already affecting the Highlands and Islands and will pose significant challenges to delivering NHS Highland services. The risks include structural damage to hospitals and health centres, and damage to essential road and energy infrastructure. Given the large area the Health Board covers they have been pioneers in assessing and planning for climate impacts.

What we have achieved

- Senior management have acknowledged the seriousness of the risks posed by a changing climate
- A wide range of experts are involved in assessing and managing climate risks.
- A strong and proactive response to increasing awareness and developing climate risk assessments
- Share lessons about the work with other Health Boards and through a dedicated Risk Assessment Task Group run by the Adaptation Scotland Programme.

Partners





www.climatechange.org.uk/adapting-to-climate-change/risk-overheating-healthcare-buildings

Overheating in health care buildings

We currently don't know to what extent there is a problem with overheating in buildings housing vulnerable people in Scotland. However, there is anecdotal evidence of overheating being an issue in some NHS facilities and in care homes.

These risks from rising temperatures include both the direct risk to occupants in terms of their comfort and safety and the indirect safety risks from building systems like failure of electrical wiring or rising cold water temperature, and the spread of diseases like legionella. Overheating is of particular concern in buildings housing vulnerable people, who can be less adaptable to temperature extremes and less resilient to building system failures.

What we have achieved

- This scoping study will establish how extensive existing internal temperature data are and how they could be accessed and applied to our future main research project. The main project will look at how to identify current and future risk of overheating and possible measures to reduce the risk.

Partners

Adaptation Scotland
supporting climate change resilience

NHS
SCOTLAND

climate  change
Scotland's centre of expertise connecting climate change research and policy



www.gcvgreennetwork.gov.uk/opportunities-mapping/introduction

Opportunity mapping for Green Infrastructure using SG Flood Disadvantage data

Flooding has economic and social impact on communities across the Glasgow city region. Those worst affected are often least able to recover. More frequent heavy downpours combined with an outdated sewer system, means that flood risk management has to be thought of in new ways.

The Glasgow and Clyde Valley Green Network Partnership is using GIS based analysis to identify green spaces that could be used for natural flood management.

What we have achieved

- Identify green spaces that with the right measures in place will have the potential to protect critical infrastructures and those communities most disadvantaged by flooding.

Partners

