

Developing productive partnerships: between the public and the voluntary sector

James Curran
Director of Science and Strategy, SEPA

23 March 2011
RAFTS Annual Conference

Getting it Together

'If we are together nothing is impossible. If we are divided all will fail.'

Winston Churchill

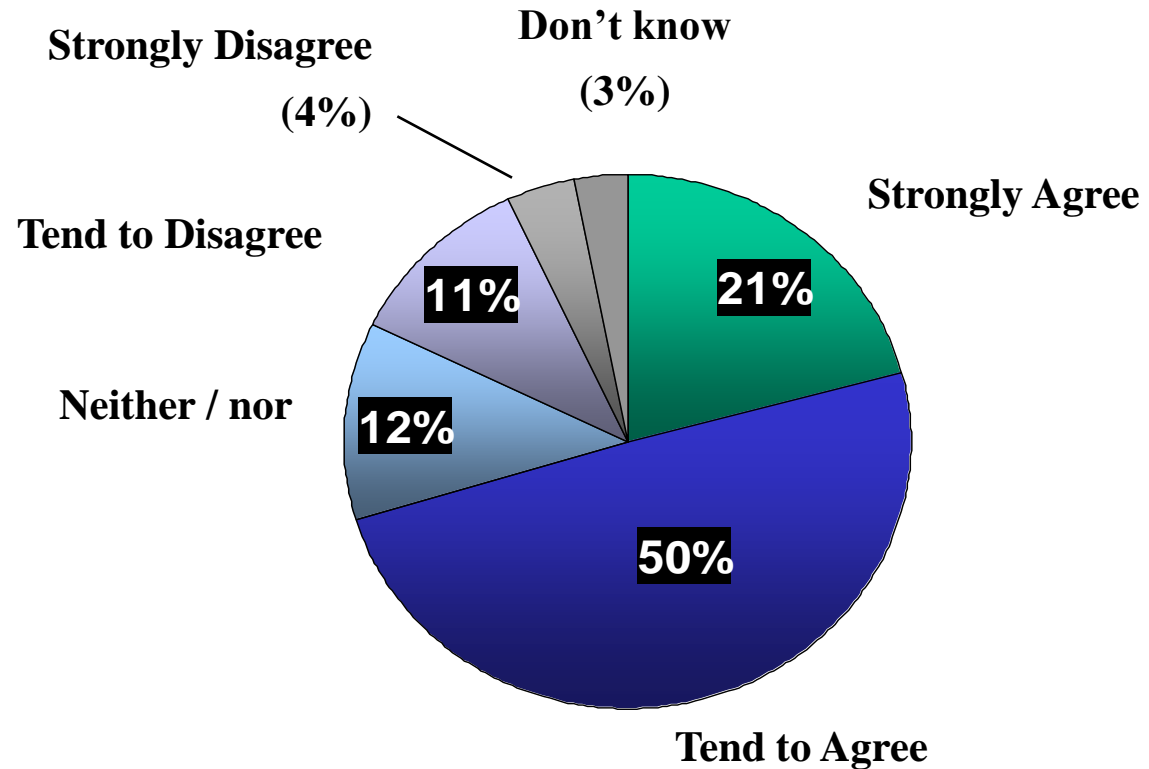
'I have found no greater satisfaction than achieving success through honest dealing and strict adherence to the view that, for you to gain, those you deal with should gain as well.'

Alan Greenspan

Responsibility for Taking Action?

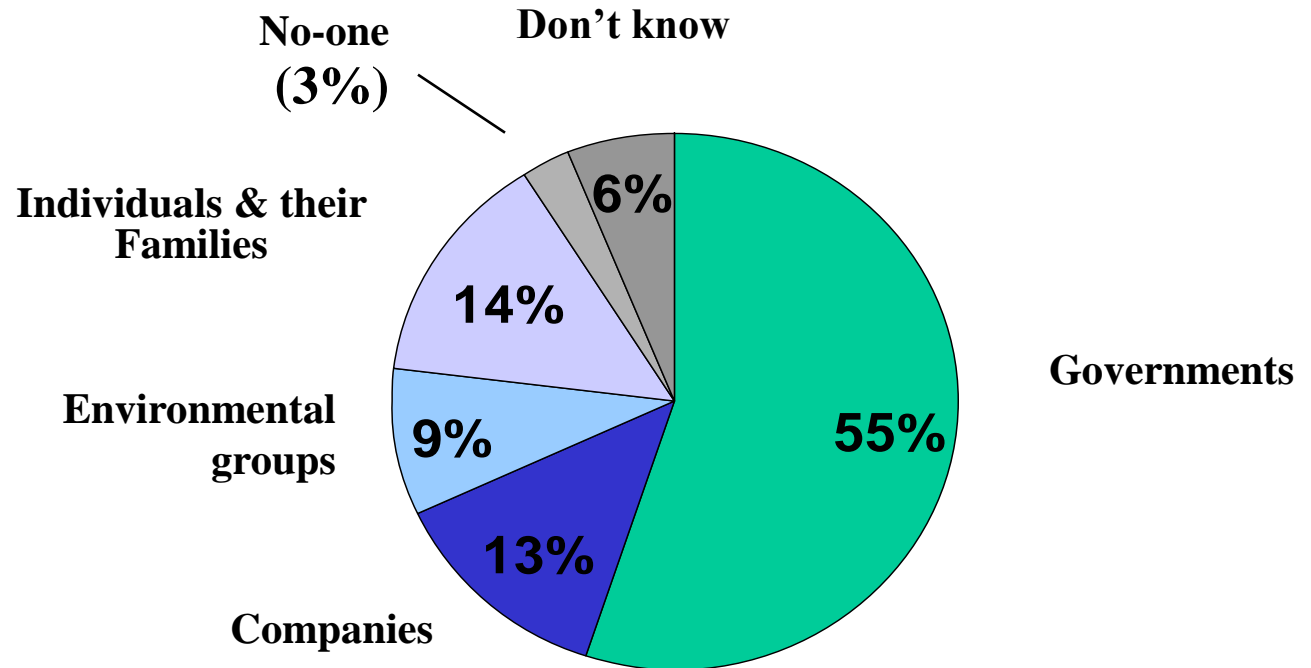
Q How strongly do you agree or disagree that...?

'I personally can help to reduce global warming/climate change'



Responsibility for Taking Action?

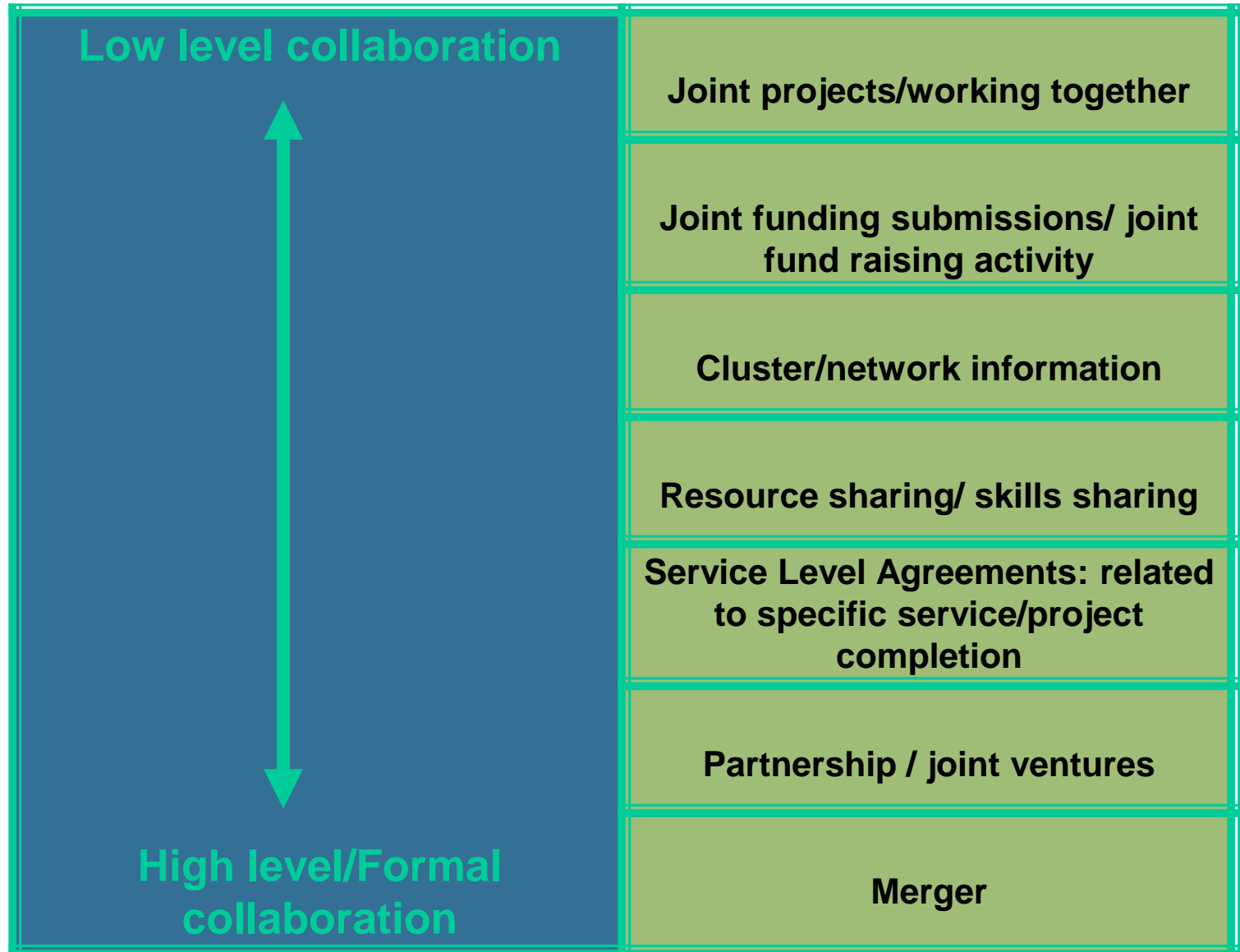
Q Which, if any, of these do you think should be mainly responsible for controlling global warming / climate change?



Multiple Whammys

- Recession / competition
 - Public/political priorities: environment low
 - Climate change (energy, resources)
 - Biodiversity loss
 - Government and governance changes
 - legislation, planning changes
 - Funding – restrictions and changes in ‘roles’ and outputs
- ... Need to work together to change these challenges into chances

Forms of Collaboration



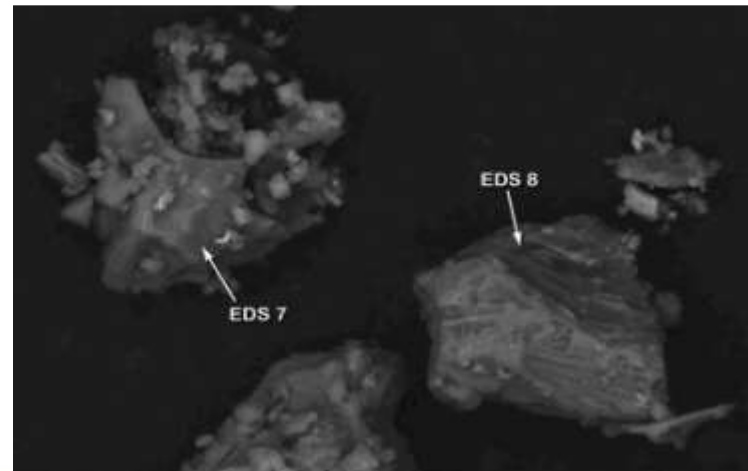
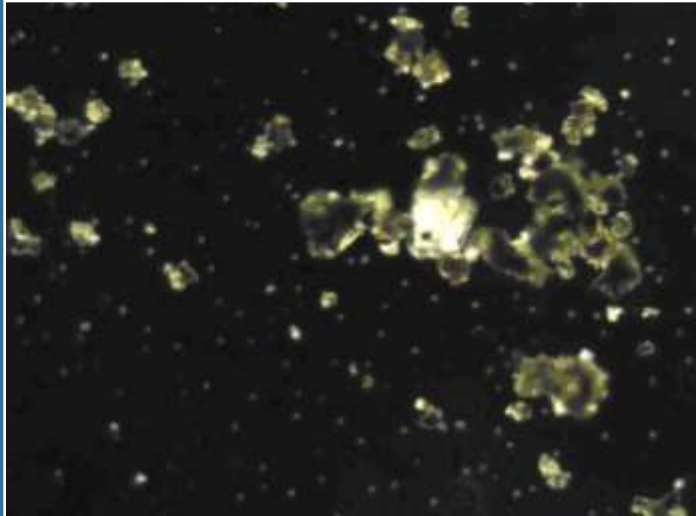
Icelandic volcano (Eyjafjöll) eruption



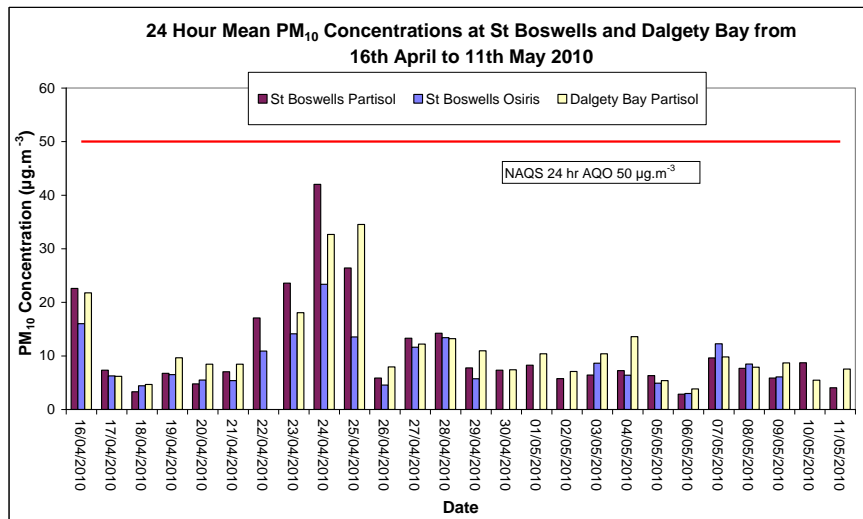
Photo courtesy of Institute of Earth Sciences, University of Iceland

SEPA's Initial response (first 24 hrs)

- Identified key issues
- Initiated monitoring



Particulates Monitoring Programme



Dalgwise





Benefits of co-ownership

- Sharing expertise
- Sharing (reduction) of risk
- Presentation of more coherent voice to gov'n
- Reduction in duplication
- Wider range of services
- Complementing capabilities
- Financial savings
- Breaking of traditional roles, disciplines, professional boundaries → innovation
- Sustainability

Management of collaborations

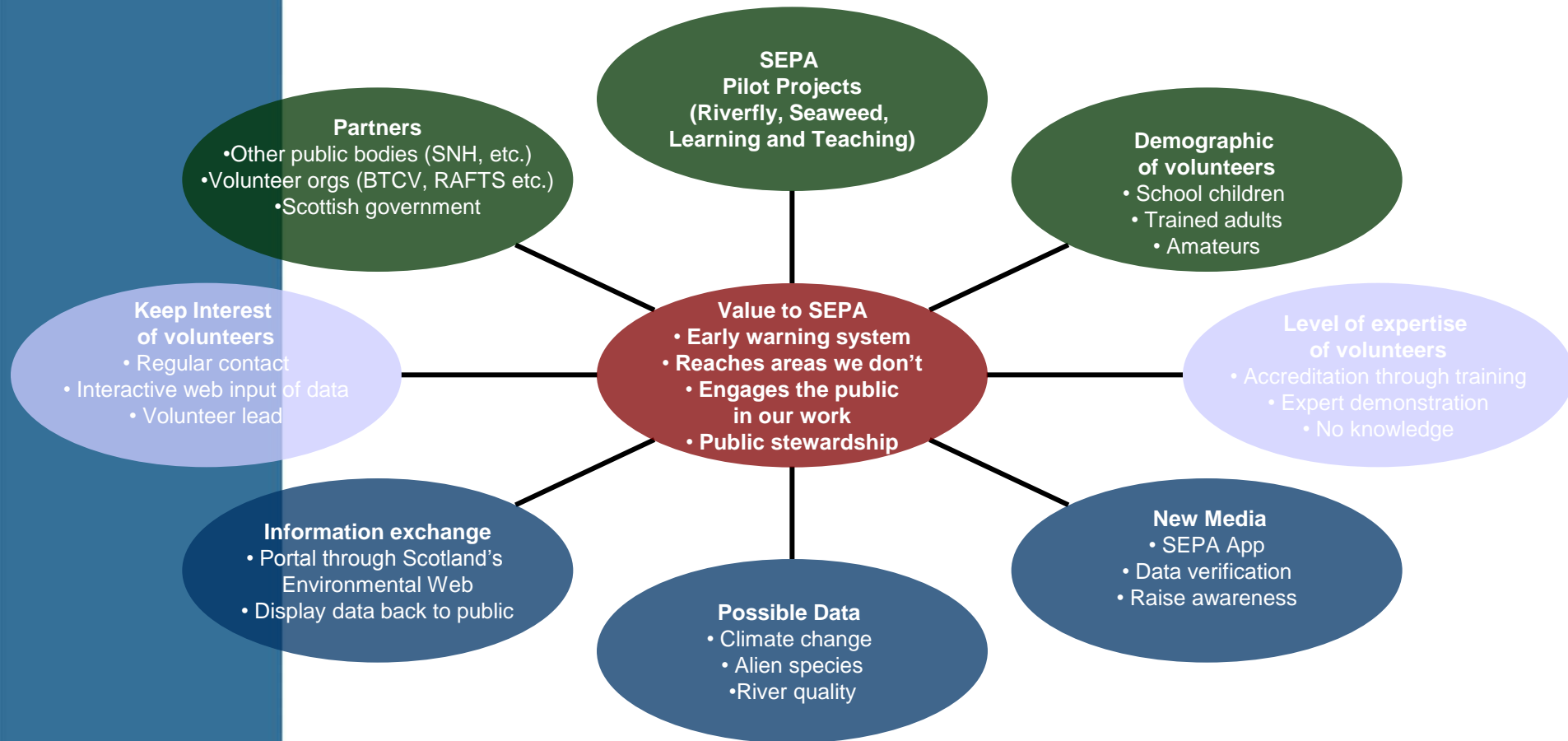
- Skills to
 - Identify collaborative opportunities or multiple benefits
 - Negotiate collaborative arrangements
 - Implement and manage collaborations
- Time to
 - Manage above
 - For new funding bids, audits, and reporting
 - For marketing initiatives

Partnership working – areas of collaboration

- Environmental monitoring by volunteers
- Scottish Env. Monitoring Strategy
- Scotland's Environment Web
- Public engagement
- Invasive species
- Sustainable flood risk management
- CAMERAS



SEPA Citizen Science





SEPA Citizen Science

Aims

- **Develop a co-ordinated network of volunteer observers**
- **Collect basic environmental data to supplement environmental monitoring done by SEPA**
 - Screen environment for potential problems
 - Establish baseline conditions for environments that would otherwise go unmonitored
 - Evaluate success of best management practices (eg. river restoration project)
- **To increase knowledge, and understanding, and stewardship of the environment by interacting with it**

3 Pilot Projects

- Riverfly Project
- Littoral Seaweed Project
- Learning & Teaching Scotland

Riverfly partnership - value to SEPA

- SEPA sees Riverfly monitoring as a valuable complement to its own monitoring



- SEPA monitoring is relatively thinly spread, spatially and temporally - limited probability of detecting pollution events
- Riverfly monitoring is typically done monthly at key locations - high probability of detecting pollution events
- Anglers benefit from improved guardianship of 'their' river
- Method is proven, with several successful prosecutions in Wales

Scotland Counts Collaboration

Aims

- Scotland Counts is a new and unique programme which seeks to develop the foundations for a Scotland wide Citizen Science movement.
- Scotland Counts will engage a wide range of communities and members of the public with environmental recording
- Scotland Counts will contribute to public engagement in a Low Carbon Scotland by developing increased connectedness to nature in individuals and communities.

Delivery

- The project will be delivered by BTCV Scotland.

Initial Partners will include:

SEPA, Scottish Government, RAFTS, Butterfly Conservation Scotland, Buglife, RSPB, East Lothian Council, Carts Greenspace, SNH, LTS, Buglife, RSPB, North Ayrshire Council, Lower Clyde Greenspace, Clyde River Foundation, Dundee Science Centre and the Royal Botanic Garden Edinburgh.

Benefits

- Greater involvement by communities in managing their local environment. Personal learning for the volunteers that are engaged placing them at the centre of the learning experience and thereby increasing their ability to understand, value and conserve the environment.





Biodiversity

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutp...

What's New...



- [Soil Erosion \(Report dated 18/01/2011\)](#)
- [Cultural Heritage Forum \(December 2010\)](#)
- [Hot Topic: Deer Management \(December 2010\)](#)
- [Biodiversity Legislation \(Nov 2010\)](#)

Items in the Data Catalogue

- [WFD Classification 2009 - June 2011](#)
- [Wind Farm Report \(January 2011\)](#)

Scotland's Environment Summary

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exercitation ullam corper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

What's coming in the future...

Do you want to
 in the **see trends**
 Environment?



Do you want to
Get Involved?

Do you want to
 understand
 more about
 Scotland's
 Environment?


What is in
 my
 backyard?

Enter your post code



Do you want to
 see
 reports?

Do you want to
 see
 data?

An aerial photograph of a vast, green, hilly landscape. The terrain is covered in dense vegetation, and a winding road or path is visible in the foreground. In the distance, there are rolling hills and mountains under a clear sky. The overall scene is peaceful and expansive.

'If our hopes of building a better and safer world are to become more than wishful thinking, we will need the engagement of volunteers more than ever.'

Kofi Annan