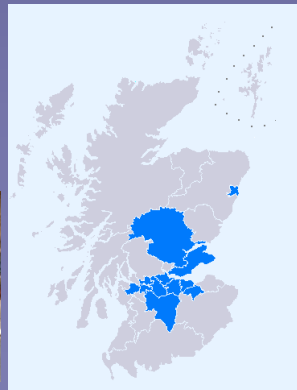
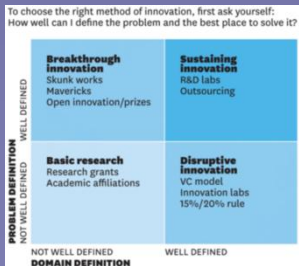


# Scottish Transport Emission Partnership

Cleaner air Healthier places



# Scottish Transport Emissions Partnership

**STEP**

Cleaner air Healthier places



1

Innovation

2

Why STEP

3

Who are the Partners

4

What are our aims

5

What have we done

6

Low Emissions Zone event

7

Annual Conference

8

Questions

**1****Innovation****Why and how**



“We have to turn to a much more integrated and truly sustainable way of doing things. Not just because of the moral imperative to be more ‘environmentally friendly,’ but because ***we simply cannot afford to be as profligate as we have been***” ICE Halcrow Lecture, February 2012

# Innovation - 1



What is it

To choose the right method of innovation, first ask yourself:  
How well can I define the problem and the best place to solve it?

PROBLEM DEFINITION	WELL DEFINED	NOT WELL DEFINED
	DOMAIN DEFINITION	DOMAIN DEFINITION
WELL DEFINED	<b>Breakthrough innovation</b> Skunk works Mavericks Open innovation/prizes	<b>Sustaining innovation</b> R&D labs Outsourcing
NOT WELL DEFINED	<b>Basic research</b> Research grants Academic affiliations	<b>Disruptive innovation</b> VC model Innovation labs 15%/20% rule

Who should do it

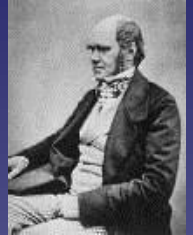
**But.....it's all about working together...**

**STEP**

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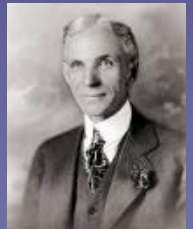
In the long history of humankind, those who learned to collaborate and improvise most effectively have prevailed.

**Charles Darwin**



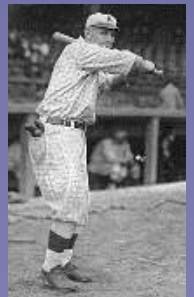
Coming together is a beginning, keeping together is progress, working together is success.

**Henry Ford**



Getting good players is easy. Getting them to play together is the hard part.

**Casey Stengel**





## 2 Why STEP

Who, what, and why

SEWEB – Collaborative SEPA led project to collate data, status, and support on improving Scotland's environment.

## Scotland's environment

[Home](#) | [Our Environment](#) | [Library Search](#) | [Map](#) | [Get Involved](#) | [Trends and Indicators](#) | [Sectors and Issues](#) | [Life+ Project](#)

[Home](#) > [Our Environment](#) > [Air and Climate](#)

### Our Environment

- Overall Summary
- Air and Climate**
  - Air Quality
  - Climate Change
  - Noise, Light and Odour
- Built Environment
- Land
- Resources
- Society
- Water
- Wildlife
- Environmental Monitoring

### Air and Climate

**The climate is changing and air quality continues to impact human health. Immediate action is needed to tackle these challenges.**


Good air quality is fundamental to our survival. Scotland's air today is cleaner than at any time since before the Industrial Revolution. This has been achieved through tighter controls on pollutant emissions from industry, transport and domestic sources.


Greenhouse gas emissions, arising predominantly from our use of energy and transport, continue to cause concern.

The climate is changing at an unprecedented rate and greenhouse gases emitted from burning fossil fuels are the main driver. Although overall greenhouse gas emissions have decreased since 1990, emissions from transport continue to grow.

Noise, light and odour are three of the main causes of nuisance complaints. Industry, transport and antisocial behaviour are the main causes. Litter and dog fouling are also a common cause of complaints.

[Click for explanation of diagram.](#)

Topic	Summary
<b>Air Quality</b>  <p>Despite significant improvements, air quality continues to impact on the environment and human health, and further improvements</p>	<p>Despite improvements in air quality, it continues to have an impact on the environment and human health, and further improvements need to be made.</p> <p>Transport is the most significant source of emissions.</p>






## Drivers - 2

### **Christie Commission Report (2011) - Maximising scarce resources by utilising all available resources from the public, private and third sectors, individuals, groups and communities**

- Public service providers must be required to work much more closely in partnership, to integrate service provision and thus improve the outcomes they achieve.
- We must prioritise expenditure on public services which prevent negative outcomes from arising
- And our whole system of public services – public, third and private sectors – must become more efficient by reducing duplication and sharing services wherever possible.

The image shows the front cover of the Christie Commission Report (2011). The cover has a solid light blue background. At the top, the title 'COMMISSION ON THE FUTURE DELIVERY OF PUBLIC SERVICES' is written in white, uppercase, sans-serif font, centered between two horizontal white lines. The bottom half of the cover features a series of overlapping, flowing, wavy lines in various shades of blue, teal, and green, creating a sense of movement and depth.


## COMMISSION ON THE FUTURE DELIVERY OF PUBLIC SERVICES



# ENVIRONMENT


European Commission > Environment > Air


Home | Who's who | Policies | Integration | Funding | Law | Resources | News & Developments



### 2013 Year of Air Events

Date	2013 Year of Air Events
8 January	<a href="#">EEB Conference on air pollution</a>
30-31 January	<a href="#">EC/WHO/HEI Workshop on health impacts of air pollution</a>
March and September	<a href="#">European Mobility Week</a>
15 April	<a href="#">Irish Presidency Scientific Conference on Air Pollution (preparation for informal council)</a>
22 April	<a href="#">Irish Presidency Informal Council in Dublin: informal high-level discussion on key policy options</a>
May [date tbd]	<a href="#">Eco-innovation Forum on Urban Air Quality</a>
4-7 June	<a href="#">Green Week: focus on air policy review</a>
End September	<a href="#">Launch of the air review package</a> EEA AQ report published
December 2013	<a href="#">High-level Air Quality Meeting, Geneva</a>





Green Week 2013  
Brussels 4-7 June

- 2013 Year of Air Events
- Air Policy Review
- Air Quality
- Emissions of Air Pollutants
- The Paints Directive
- Transport and Environment
- Legislation
- Brochures and Publications
- Site map
- Useful links

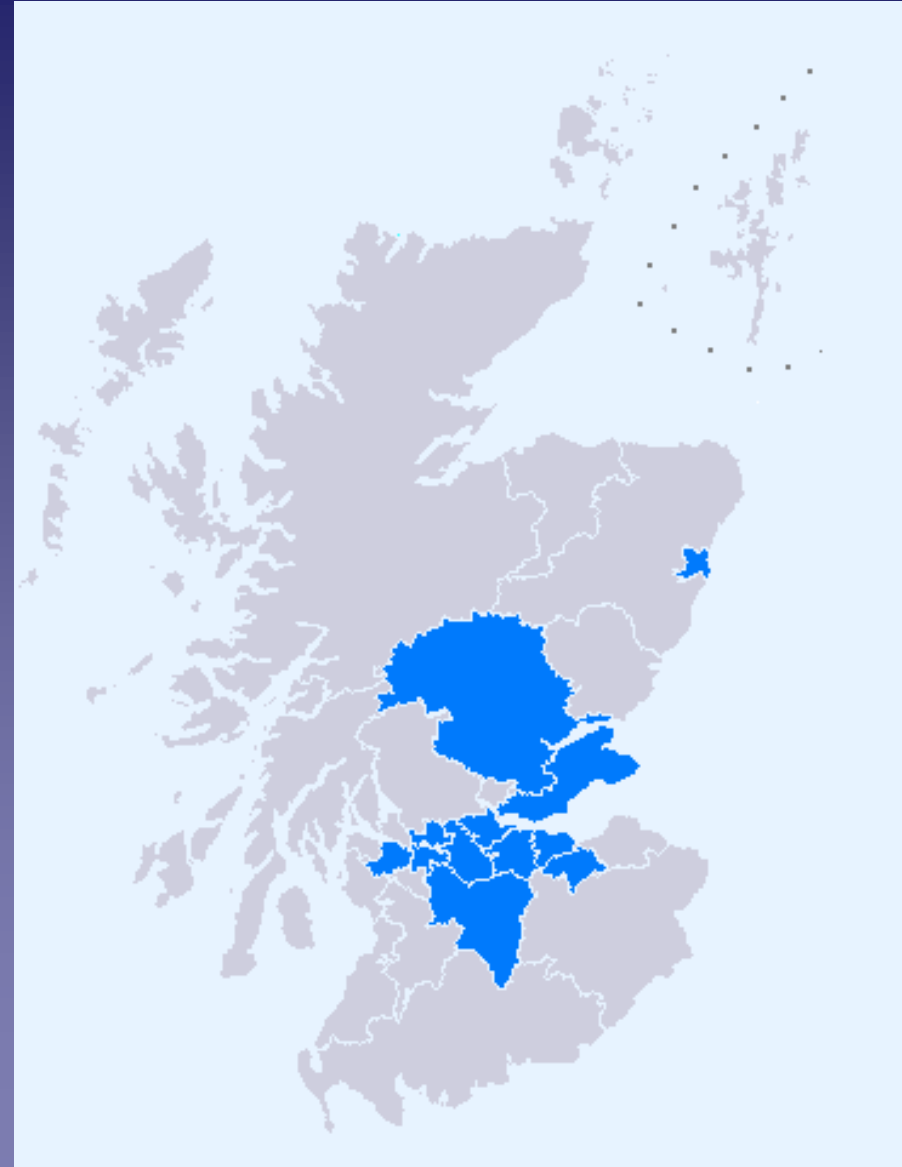
## Drivers - 4

**STEP**

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Local Authorities – 30 AQMAs in Scotland (26 due to transport).

1. City of Edinburgh (3)
2. Perth and Kinross (1)
3. Dundee City (1)
4. Falkirk (5)
5. Aberdeen (3)
6. North Lanarkshire (5)
7. South Lanarkshire (1)
8. Renfrewshire (1)
9. East Dunbartonshire (2)
10. Glasgow (4)
11. Midlothian (1)
12. Fife (2)
13. West Lothian (1)



Transport	26
Industrial (Grangemouth)	1
Domestic (Pathhead)	1
Quarry (Croy and Banknock)	2

## Drivers - 5

Transport Scotland  
Business Plan - 29.6,  
Ensure environmental  
protection and  
minimise  
environmental impact  
across all Transport  
Scotland activities,  
with particular focus  
on flooding, air quality  
and noise emissions

**TRANSPORT SCOTLAND**  
**ANNUAL BUSINESS PLAN 2012-13**

**And so.....**

**STEP**

Cleaner air Healthier places

SEPA and Transport Scotland, with the endorsement and support of the Scottish Government identified a need to establish a collaborative Air Quality Technical Group that would provide technical support and assistance to all organisations working to address poor air quality caused by emissions from road transport.

**3**

## **Who are the partners**

## Core group

### STEP members represent multiple groups

- Central and East Pollution Group
- Confederation for Passenger Transport (CPT)
- North Pollution group
- Road Haulage Association (RHA)
- Regional Transport Partnerships
- Royal Town Planning Institute in Scotland (RTPI – Scotland)
- Scottish Environment Protection Agency (SEPA) (Chair)
- Scottish Government
- Society of Chief Transportation Officers (Scotland)
- South West Pollution Group
- South East Pollution Group
- Transport Scotland (Secretariat)
- 20/20 Group (Transport sub-group)

**STEP**  
Cleaner air Healthier places





**4****What are our aims****Cleaner air Healthier Places**

# Mission Statement

**STEP**

Cleaner air Healthier places



The Scottish Transport Emissions Partnership (STEP) will seek to improve Scotland's urban air quality, through a combination of partnership working and close working relationships with key stakeholders and other interested parties.

# Terms of Reference

- Under review
- Collaborative
- Inclusive
- Free exchange of ideas

## Scottish Transport Emissions Partnership

Cleaner air Healthier places

- 10) It is expected that the core members and the corresponding members will communicate group activity/business to colleagues and acquaintances.

### Remit of the Scottish Transport Emissions Partnership

- 11) The Scottish Transport Emissions Partnership will:
- provide a forum that will promote transparent dialogue and debate between the key stakeholders and promote a healthy exchange of information and experience;
  - identify and promulgate examples of good practice;
  - coordinate technical support for local authorities that have requested assistance in tackling poor air quality;
  - identify if there is a need for appropriate research and/or training;
  - create a database of organisations that can offer financial support for future projects;
  - provide feedback, information, advice and input to local authorities that have designated an AQMA;
  - assist local authorities who are creating, reviewing, revising or improving an Air Quality Action Plan;
  - promote a collaborative approach (both internal and externally) to the development of workable and practical guidance and advice in relation to LAQM;
  - identify, engage with, and make efficient use of other relevant stakeholder groups in delivering agreed actions;
  - define and deliver specific short, medium and long term actions to deliver all of the above.

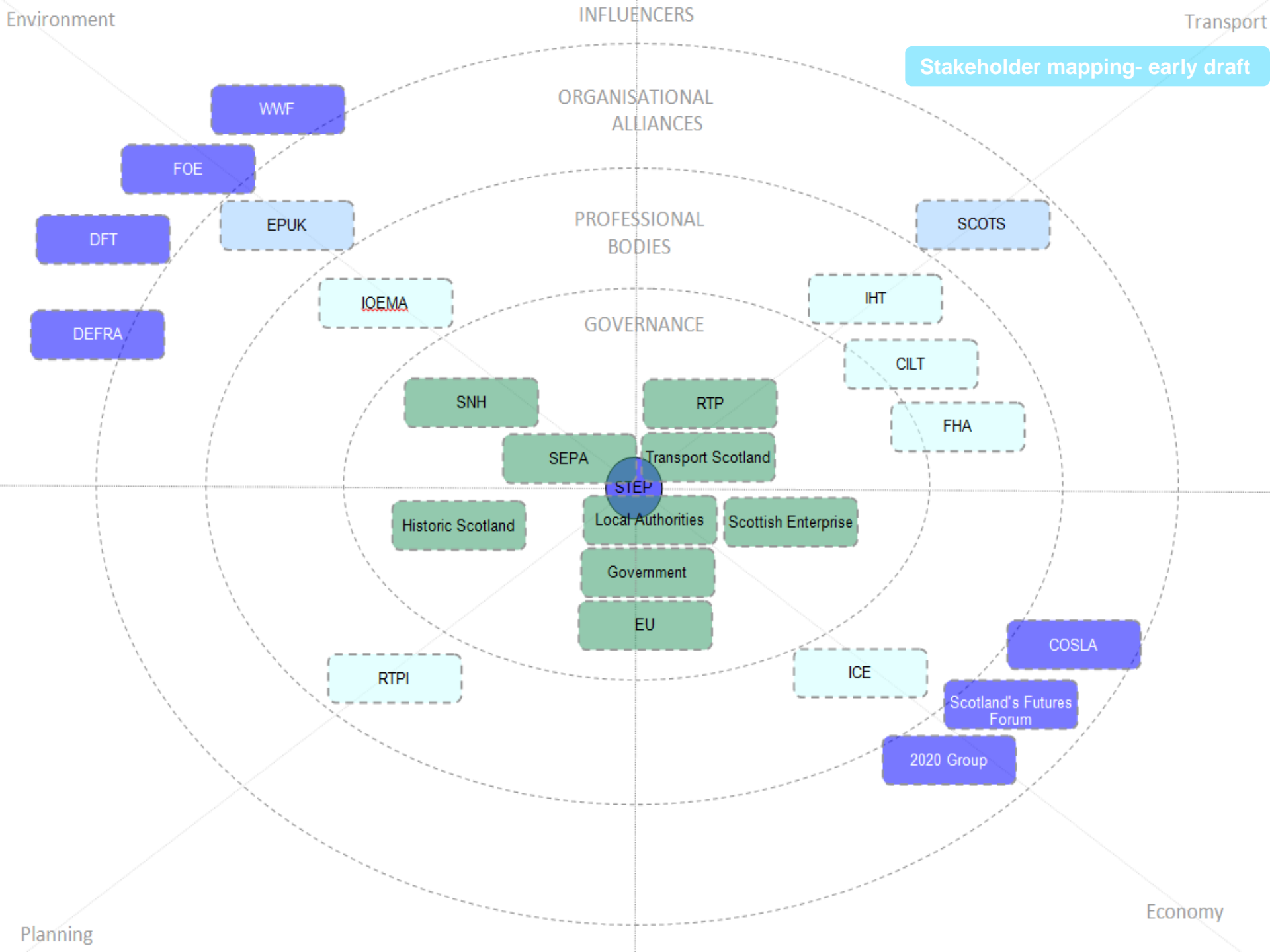
### Function of the Scottish Transport Emissions Partnership

- 12) STEP Core Group will meet four times per year, at an agreed venue. Additional meetings may be held at the discretion of the Core Group.
- 13) To encourage free exchange of ideas within meetings, the Group will operate on a Chatham House Rules<sup>3</sup> basis.
- 14) STEP will be Chaired by SEPA.
- 15) Transport Scotland will provide a Technical Secretariat and will coordinate meetings.
- 16) Travel and other expenses incurred by representatives shall be met by the representatives' own organisations.
- 17) The draft minutes of each meeting will be circulated to other members of the Group within 14-days of the meeting.
- 18) All business requests should be submitted to the Technical Secretary for the Chair's consideration.

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3: When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.

**5****What have we done so far****Some early wins**

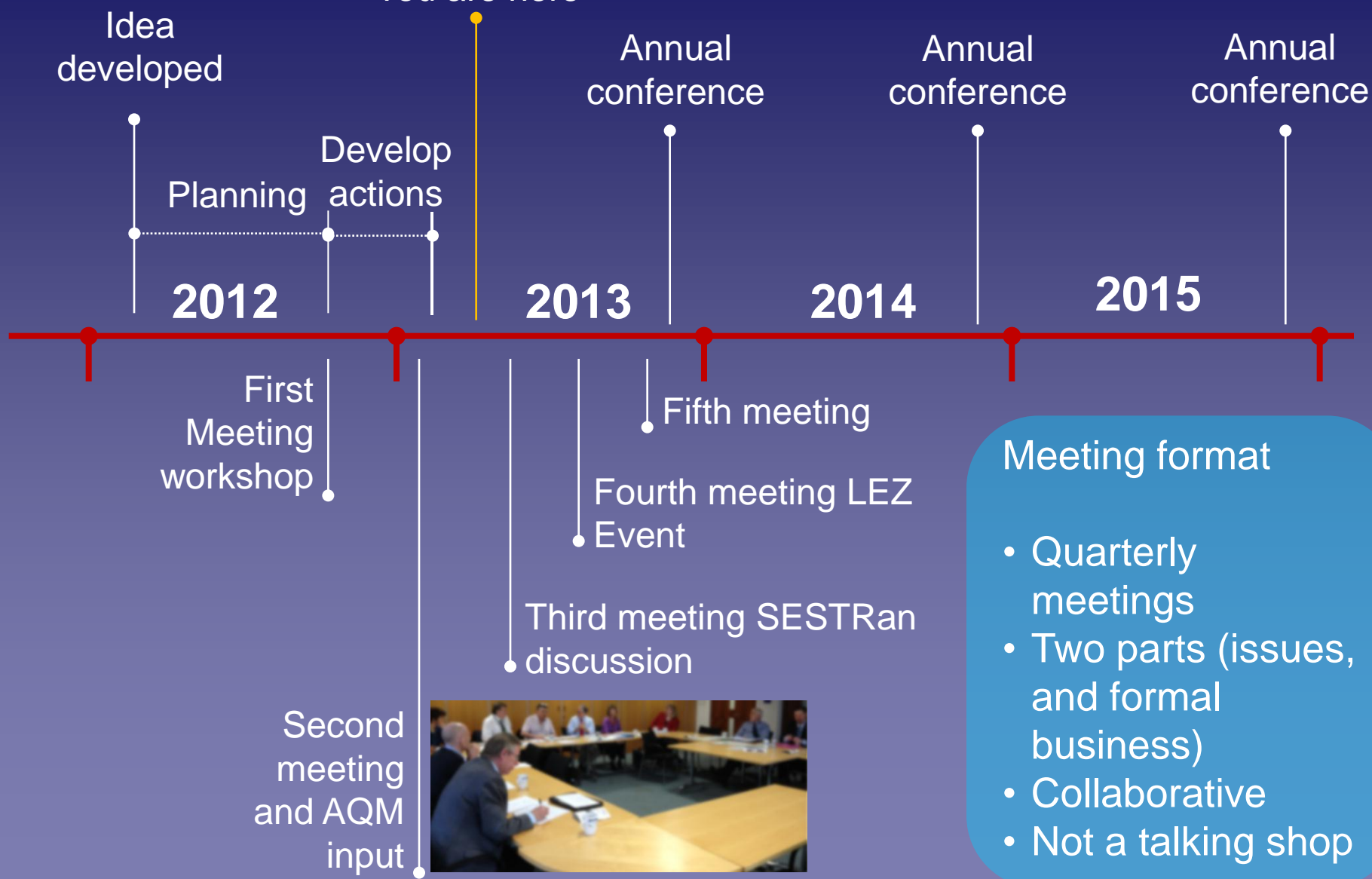


# Timeline

**STEP**

Cleaner air Healthier places

You are here



# Some actions being progressed

- Identify research funding
- Develop statistics on the Scottish Fleet
- Map stakeholders
- Develop communication links
- Identify and promote best practice
- Link to air quality management planning

No	Action	Owner	Input	Progress to date	Published location	Raised	Date Target	Completed
1	Produce a briefing note on STEP members including background and links to organisations.	JL	ALL	Basic data supplied.	KH	01/10/12	30/11/12	-
2	Members to feedback detailed comments on Mission Statement and suggest a Strapline.	JL	ALL	Complete. Cleaner air Healthier places agreed as Strapline.	Public	01/10/12	15/10/12	10/10/12
3	Contact relevant Universities working on air quality issues and develop a paper on current research, and research funding opportunities.	DH/JL	-	Task lead being sought.	KH	01/10/12	31/12/12	-
4	Paper to be produced outlining role of SCOTS.	BK	-	Ongoing.	KH	01/10/12	30/11/12	-
5	Issue invitations to revised and revise terms of reference accordingly.	JL	-	In progress.	-	01/10/12	30/11/12	-
6	Draft Fife Council AQAP to be circulated to members.	JL	-	Complete.	-	01/10/12	30/11/12	10/10/12
7	Outputs from workshop, and suggested actions to be developed and considered within the context of any annual report.	JL	ALL	Ongoing.	-	01/10/12	30/11/12	-
8	Circulate public commentary on the effectiveness of euro standards.	JL/PS	-	In progress, early background circulated headings begin developed.	KH	01/10/12	31/12/12	-
9	Circulate <a href="#">Trends in NOx and NO2 emissions and ambient measurements in the UK</a> , Defra Report.	JL	-	Complete.	KH	01/10/12	30/11/12	-
10	Coordinate a scoping meeting following the Launch Meeting of 01 October 2012.	JL	ALL	Scoping meeting held on 10 October to coordinate early findings and review outputs from workshop. Note of discussion to be added to KH.	KH	01/10/12	31/10/12	10/10/12

No	Action	Owner	Input	Progress to date	Published location	Raised	Date Target	Completed
11	Issue draft programme.	JL	-	In progress.	KH	01/10/12	30/11/12	-
12	Consider the commission of a study reviewing the level of connectivity between the Local Air Quality Management Action Plans and the Strategic Development Plans in those Local Authorities with Air Quality	JL	-	Resources and partners being considered.	Public	10/10/12	31/12/12	-



**6****Low Emission Zone Event****Evidence gathering**

# Evidence gathering

- Approximately fifty attendees.
- Present national and international evidence and background to Low Emission Zones.
- Debate effective application for Scotland.
- Survey before and after on perceived obstacles



## Low Emission Zones 25 July 2013 Evidence, Examples, and Solutions

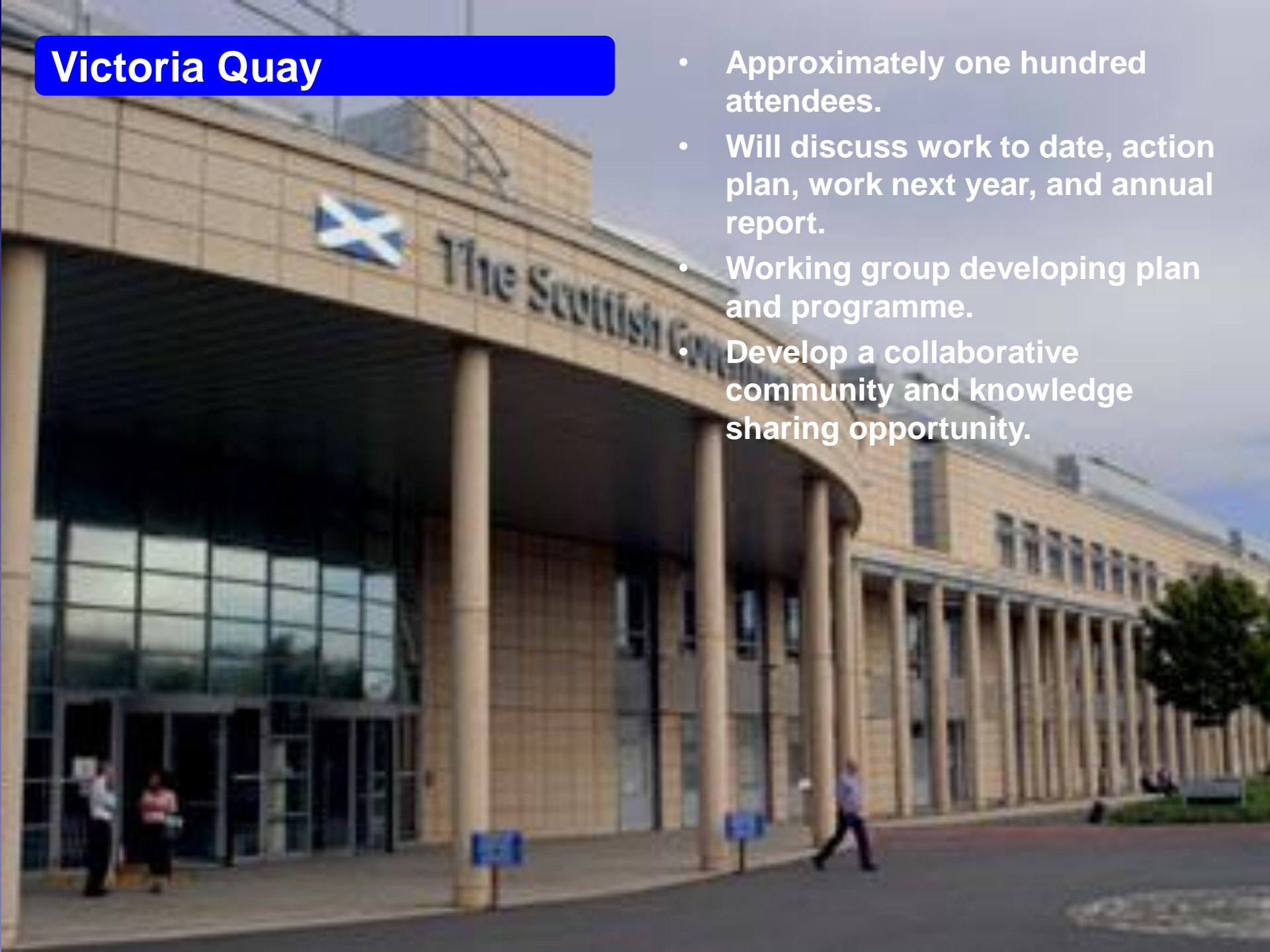
			Duration	Time
1	Setting the Scene	Key Note Speaker - Professor Margaret Bell (Newcastle University)	15min	10:00
2		Health Impacts – Professor Anthony Seaton (University of Aberdeen)	15min	10:15
3		A National Perspective - Beth Conlan	15min	10:30
QA			15min	10:45
Break			30min	11:00
4	Case Studies		15min	11:30
5		Reading – John Copley	15min	11:45
6		Bremen	15min	12:00
QA			15min	12:15
Lunch			60min	12:30
7	Responding to the challenge	Road Haulage Association (Freight)	15min	13:30
8		Buses – Dr Steve Johnson (LRT)	15min	13:45
9		ECOSTars - Stephen Madden (Morrisons PLC)	15min	14:00
QA			15min	14:15
10	Technical solutions	Environmental Incident Monitoring – Drew Hill and Colin Reekie (Transport Scotland and IBI)	15min	14:30
11		The SMART and SCOOT Traffic Control Systems (City of Edinburgh Council)	15min	14:45
12		Funding LEZ – Gordon Dickson (SPT)	15min	15:00
QA			15min	15:15
End 15:30				

**7**

**Annual Conference**

# Victoria Quay

- Approximately one hundred attendees.
- Will discuss work to date, action plan, work next year, and annual report.
- Working group developing plan and programme.
- Develop a collaborative community and knowledge sharing opportunity.



**8****Questions**

## Questions

What can we do next

What other partners are out there

How can we maximise resources

What can you do

Follow on twitter @Step\_Scotland