



# *Scottish Air Quality Strategy Review: progress on CAFS and where now?*

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**AQSR Workshop, CoSLA**  
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# What I'm going to cover ...

- Review Mission and Process
- Today
  - CAFS Progress to date 2015-18
  - Status of Drivers and Condition
  - General, LAQ and LEZ actions afoot
  - What we know - research, knowledge, data
  - Changes to context
- Outputs
- Next Steps



# Mission and Backdrop

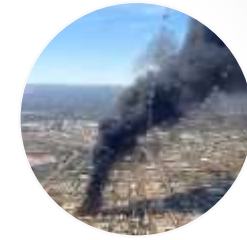
- Review CAFS (CabSec/PfG commitment, ECCLR recommendation)
- Reflect progress, challenges, needs, change, policy breadth & fit
- Review, Report, Consult
- Sc/UK governance
- Brexit
- Broad EU =
- Inputs
- Impacts



# AQSR

- Steering Group  
(10)(breadth/experience)
- Working Groups (4x)
- **Workshop (i)**
- Sub Reports (iv)
- Final Report (v)
- Consultation (v/vi-vii; w)
- Response/Delivery  
(2019/20 PfG)

- Themes:
  - Health & Environment
  - Agriculture, Domestic & Industrial emissions
  - Placemaking
  - Transport
  - *Engaging for Change*
- Stakeholders/Sectors:
  - Local Government  
(tr/EH/planning/comm/ed)
  - Health
  - NGOs/Charities (env, tr, h)
  - Regulators



# Steering Group Membership

- Donald McGillivray, Deputy Director, Environmental Quality - **Scottish Government (Environment)**
- Hugh Gillies, Director for Roads -- **Scottish Government (Transport Scotland)**
- Jo Green, Chief Officer, Performance and Innovation - **SEPA**
- Dr Colin Ramsay, Consultant Epidemiologist - **Health Protection Scotland**
- Dr Richard Dixon, Director - **Friends of the Earth Scotland**
- Gareth Williams, Head of Policy – **Scottish Council for Development and Industry**
- **4 Independent experts** – Mary Pitcaithly, former Chief Executive, Falkirk Council; Professor Tom Rye, Director of Transport Research Institute, Edinburgh Napier University; Dr Annalisa Savaresi, Lecturer in Law, University of Stirling; Campbell Gemmell [Chair]

# Delivering Change

- Spatial limits and separations - LEZs, access restrictions, speed limits, segregated routes
- Active travel, recreation, health interventions
- Spatial Planning/Placemaking
- Fleet interventions - investment, EURO IV-VI, Electric/Hybrid/Stop-Start/Hydrogen
- Other Regulation?
- More and better... data, monitoring, reporting, modelling, research
- Leadership - culture and behaviour change, targeted support
- Awareness raising - comms & engagement
- A Travel/Movement Hierarchy
- (goods, people, services) ....

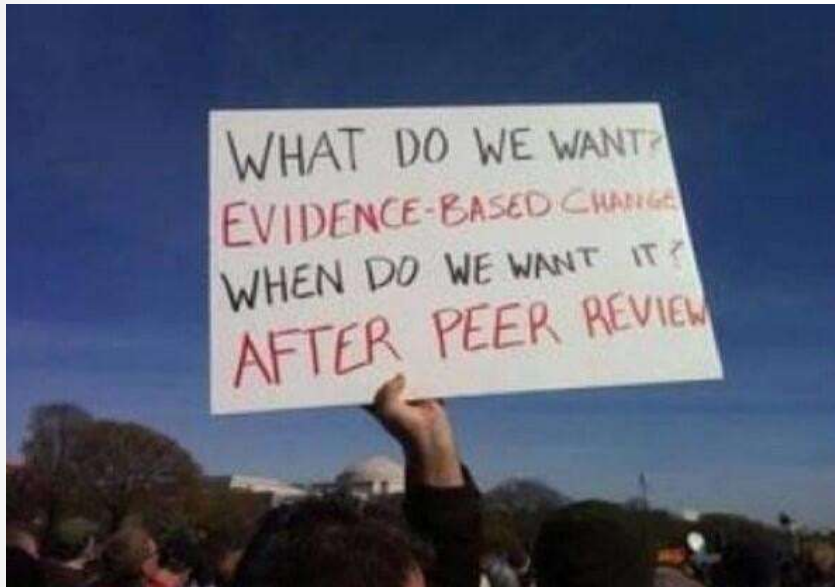


# Interrelationships

- Epidemiology of toxins and particulates
- Transport Modes, Mix, Impact and Change
- Air quality inputs – industry, agriculture, vehicles, domestic, transboundary
- Scotland's Low Carbon/Energy Future
- Domestic/recreational heating
- Use of space
- Climate Change
- Social behaviours
- EU/Brexit/governance



# Preconditions for Success



- Data, understanding of inputs and impacts
- Context, culture, authority, credibility
- EU/UK/Sc legal drivers
- Mission clarity – what are we trying to achieve
- Public engagement, ownership, demand
- Role clarity - who is responsible for what
- Visible beneficial impact



# Militating/Supporting Factors?

- Media; Public enthusiasm, hostility and/or apathy....
- Ignorance/slow to change – the failures of nerve and imagination...but first, education, information and communication
- Capacity and capability
- Uncertainties and big unmanaged drivers
- Other failures - Costs, Resources and competing priorities
- Timing/Context.....being right isn't (always) enough..but are we on the right track?



# Results?

- Serious, honest assessment of progress made since 2015
- Clarity on what has been learned – works/doesn't/blockages
- Where are we now, where are we headed..and is this satisfactory
- What is needed next
- What does that require
- What actions by whom
- What resources and tools
- Setting progress measures and processes to deliver success

# Thank you!

## Questions?

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