


	Tues 1 Sept	Weds 2 Sept	Thurs 3 Sept	Fri 4 Sept				
09.00-10.30	 <p><b>Final Meeting &amp; 5th GA</b></p>	<b>C1:</b> WP status, outstanding deliverables, data & strategies for achieving these <b>1A</b>	<b>Component 2</b> <b>1B</b>	<b>Component 3</b> <b>1C</b>	<b>Component 4</b> <b>1D</b>	<b>Component 5</b> <b>1E</b>	<b>Q1:</b> What are the expected impacts on ecosystems due to changing ozone and N-deposition under a range of climate change scenarios, taking into consideration the associated changes in atmospheric CO <sub>2</sub> , aerosol and acidification? <b>Q2:</b> Which of these effects off-set and which aggravate each other, and how do the mitigation and adaptation measures recommended under climate change relate to those currently being recommended to meet air pollution effects targets?	<b>P2</b> Feedback from Component leaders: key steps remaining & toward Component products [60]
Coffee		Coffee		Coffee		Free Break Out		Dbase, Demo Tutorial Plenary Discussion [30]
11.00-12.30		<b>C1:</b> Presentations from flux sites, lab work, B Fontana (12 + 3 mins) <b>2A</b>	<b>C2, C3, C4:</b> Modelling air pollution-climate impacts on C exchange and C,N stocks at European scale WP5-7 and WP12-14 <b>2B</b>	<b>C2, C3, C4, C5:</b> Integrating effects of air pollution under climate change in GAINS. WP7, 14-16 & 19 <b>2C</b>	Dbase, Demo Tutorial <b>Q3:</b> What are the relative effects of long-range global and continental atmospheric transport vs. regional & local transport on ecosystems in a changing climate? <b>Q4:</b> What are the best metrics to assess O <sub>3</sub> and N impacts on plants and soils, when considering interactions with CO <sub>2</sub> and climate, and the different effects of wet vs. dry deposition on physiological responses? <b>DG1:</b> Is discrimination an issue? Have we learnt from ECLAIRE & what needs to be done?	<b>P3</b> ECLAIRE Synthesis: Answers to key q's & towards cross cutting papers. [60]		
Lunch		Lunch		Lunch		WG C: Climate effects on long-range vs local air pollution impacts WG D: Best metrics & O <sub>3</sub> impacts		<b>5<sup>th</sup> GA</b> [30] - Reporting & AOB <b>12.30 Close</b>
13.30-15.00		12.45-13.45 Lunch 12.30-13.30 ESG: 13.30-15.00 <b>P1</b> <b>13.45 Start Opening Plenary</b> Introduction [30] C1 [25] C2 [25] C3 [25] 15.30-15.45 Coffee C4 [25] C5 [25] DM & ENCORE [30]	<b>C1:</b> Presentations on new parameterisations (emissions / deposition / bi-directional exchange) <b>3A</b>	<b>C2, C4:</b> Emissions & ecological responses at local/ regional scale, WP8 & 17 <b>3B</b>	<b>C3, C5:</b> Applying valuation concepts on sub-national scale (C3&C5) <b>3C</b>	<b>Q5:</b> What is the relative contribution of a) climate dependence in biogenic emissions & deposition vs. b) climate dependence of ecosystem thresholds and responses in determining the overall effect of climate change on air pollution impacts? <b>Q6:</b> Which mitig./adapt. measures are required to reduce damage to "acceptable" levels to protect C stocks & ecosystem functioning? How do the emission abatement costs compare with the economic benefits of reduced damage?	<b>Notes:</b> ESG: Executive Steering Group SAB: Stakeholder Advisory Board GA: General Assembly P: Plenary WG: Working Group DG: Discussion Group Q: Key Question C: Component DM: Data Management <i>Room names and chairs, overleaf.</i>	
15.30-17.00		<b>C1, C2, C3:</b> <b>4A</b> Plant-atmosphere interactions in ESX modelling	<b>C3, C4:</b> Novel thresholds and model endpoints, WP10, 12, 15, 16 <b>4B</b>	<b>WP21, C5, C2:</b> <b>4C</b> Considerations of long-term (nominally 2100) expectations of air pollution and its effects to ecosystems 15:30-17:30: Training Intro to Assertiveness	<b>C1:</b> Site-cross cutting papers including new parameterisations <b>5A</b> Free Break Out: Paper and Report Development	<b>WG E:</b> Role of flux changes vs ecosystem vulnerability change on overall climate response <b>WG F:</b> Mitigation and adaptation measures & cost-benefit analysis.	Free Break Out	
Evening	18.00 Drinks & Posters	17.00-18.00 INMS Briefing with Q & A 18.30-19.30 Walking tour 20.00-22.00 Conference Dinner	17.00-18.00 N and O <sub>3</sub> Panel Discussion: Old policies and new science challenges. Crossing the Generation Gap. 18.15-19.15 ESG & SAB No evening events	<b>ECLAIRE Report &amp; Papers: Developing shared paper concepts &amp; syntheses</b>				

No.	Title	Chair(s)/Lead(s)	Room
1A	<b>C1:</b> WP status, outstanding deliverables, data & strategies for achieving these	Eiko Nemitz	Dunedin
1B	<b>Component 2</b>	Dave Simpson	Great Scottish Hall
1C	<b>Component 3</b>	Gina Mills	Salisbury
1D	<b>Component 4</b>	Wim de Vries	Holyrood 1
1E	<b>Component 5</b>	Markus Amann	Holyrood 2
2A	<b>C1:</b> Presentations from flux sites, lab work, B Fontana (12 + 3 mins)	Eiko Nemitz	Dunedin
2B	<b>C2, C3, C4:</b> Modelling air pollution-climate impacts on C exchange and C,N stocks at European scale WP5-7 and WP12-14	Wim de Vries & Dave Simpson	Great Scottish Hall
2C	<b>C2, C3, C4, C5:</b> Integrating effects of air pollution under climate change in GAINS. WP7, 14-16 & 19	Markus Amann	Salisbury
3A	<b>C1:</b> Presentations on new parameterisations (emissions / deposition / bi-directional exchange)	Chris Flechard & Edwin Haas	Dunedin
3B	<b>C2, C4:</b> Emissions & ecological responses at local/ regional scale, WP8 & 17	Albert Bleeker & Mark Theobald	Great Scottish Hall
3C	<b>C3, C5:</b> Applying valuation concepts on sub-national scale (C3&C5)	Wilfried Winiwarter	Salisbury
4A	<b>C1, C2, C3:</b> Plant-atmosphere interactions in ESX modelling	Dave Simpson, Eiko Nemitz, Chris Flechard	Dunedin
4B	<b>C3, C4:</b> Novel thresholds and model endpoints, WP10, 12, 15, 16	Gina Mills (tbc)	Great Scottish Hall
4C	<b>WP21, C5, C2:</b> Considerations of long-term (nominally 2100) expectations of air pollution and its effects to ecosystems	Wilfried Winiwarter	Salisbury
-	<b>Training:</b> Introduction to Assertiveness	Angie Cameron	Holyrood 1
-	Demo Tutorials (Wednesday)	Bill Bealey & David Leaver	Holyrood 2
-	INMS Briefing: Q&A	Mark Sutton	Dunedin

No.	Title	Chair(s)/Lead(s)	Room
WGA	[Q1&2] Effects of climate change on air pollution and ecosystems: Through Emission-deposition interactions	Benjamin Loubet & tbc	Dunedin
WGB	[Q1&2] Effects of climate change on air pollution and ecosystems: Through Ecosystem response interactions	Håkan Pleijel & Ed Rowe	Holyrood 1&2
WGC	[Q3] Climate effects on long-range vs local air pollution impacts	Juliette Lathière & Mark Theobald	Dunedin
WGD	[Q4] Best metrics & O <sub>3</sub> impacts	Lisa Emberson & Max Posch	Holyrood 1&2
WGE	[Q5] Role of flux changes vs ecosystem vulnerability change on overall climate response	Mark Sutton & Wim de Vries	Dunedin
WGF	[Q6] Mitigation and adaptation measures & cost-benefit analysis	Rob Maas & Wilfried Winiwarter	Holyrood 1&2
DG1	Is discrimination an issue? Have we learnt from ECLAIRE & what needs to be done?	Clare Howard	Great Scottish Hall
	[Q7] N and O <sub>3</sub> Panel Discussion: Old policies and new science challenges. Crossing the Generation Gap	Mark Sutton	Dunedin
5A	C1: Site-cross cutting papers including new parameterisations	Eiko Nemitz	Holyrood 1&2
-	Free Breakouts [9.00-10.30, 13.00-15.30, 15.30-17.00]	n/a	Great Scottish Hall
-	Demo Tutorials (Thursday)	Bill Bealey & David Leaver	Salisbury

## Final Meeting & 5th GA

**ESG Meeting** (Tues 1<sup>st</sup>): Holyrood 1 (with lunch)

**\*Registration** (Tues 1<sup>st</sup>) will be held from 13.15-13.45 outside the Dunedin room.

**Plenary Sessions (P1-3)** (Tues 1<sup>st</sup>/Fri 4<sup>th</sup>): Dunedin

**Drinks Reception** (Tue 1<sup>st</sup>): Great Scottish Hall

**Sessions on Thursday** will be used to discuss the key questions of the project – in WGA-F and Panel Discussion.

It is necessary to register for the **‘Introduction to Assertiveness’** training . If you have not done this, please speak with someone at registration.

**ESG & SAB Meeting** (Thur 3<sup>rd</sup>): Great Scottish Hall

**Walking Tour** (Thur 3<sup>rd</sup>): Will leave from the reception area of the hotel, at 18.30

**Meeting Dinner** (Thur 3<sup>rd</sup>): Hotel Restaurant

**\*\*Demo Tutorial Slots** : Sign-up sheet at reception desk