C2 – 10 minute summary

Discussion points/science (selection)

- Most recent, already existing model output (emission, scenarios, CTM output: from NitroEurope, PEGASOS, Aerocom etc.) should be made available for other to use for initial model runs

- CTM intercomparison will be on of the first tasks

- Emissions: Interested in testing different soil NOx emissions – compare European scale emissions global/process-based models (O-CN, LPJ-GUESS, DNDC, others) – and effects in CTMs?

C2 points

- Important to always keep the consequences of different landuse / soil type / meteorological data in mind when thinking about delivering e.g. emission/concentration/deposition data from one WP to another
- Timely delivery of the NitroScape system for further work within Eclaire remains a risk
  - For delivering concentration/deposition data at a high resolution (from NitroScape) to WP17, plan is to use high resolution transport/deposition model outside NitroScape as a way of reducing this risk

C2 – 10 minute summary

Discussion points/science

-- sub-grid, landscape scale

- Important to always keep the consequences of different landuse / soil type / meteorological data in mind when thinking about delivering e.g. emission/concentration/deposition data from one WP to another

- Timely delivery of the NitroScape system for further work within Eclaire remains a risk

  For delivering concentration/deposition data at a high resolution (from NitroScape) to WP17, plan is to use high resolution transport/deposition model outside NitroScape as a way of reducing this risk

C2 – 10 minute summary

Discussion points/information flow (selection)

- Wiki to be set up at Eclaire HQ for exchange of documents

- Collect tabular overview for all Eclaire models:
  - Detailed description of model principles
  - Model input needs (parameter, resolution (time, space) – current and „wish list“
  - Model output (time, space) – current and w.r.t future development

C2 – 10 minute summary

Discussion points/What-where-how

• Workshop in month „soon“ involving all Eclaire modelling groups & schenario group

• Discuss and decide on simulation protocols esp. regarding core set of cross-Eclaire experiments (drivers and outputs) & additional „what-if“ experiments

• Consistency in core experiments *vs*. value in exploring different scenarios