Links Between FIDUCEO and GAIA-CLIM

- Essentially we are looking at the same thing so we just need to compare

- Some discussion on iterations for uncertainties: FIDUCEO are trying to move away from this idea

- We could do a joint case study at the end of the project

- ground-based radiometers could be included

Are there any inconsistencies of approach that the two projects should converge on?

- Ideal approach to uncertainties is FIDUCEO approach and GAIA-CLIM taking a more indirect approach but it's useful to compare

- Try to be consistent on language: do a case study and write it up and be consistent on language in this

Concrete Plans

- Try to look at HIRS but focus on MHS for a case study (MetOp-B?)

- FIDUCEO MHS should be available July but sample data might be available earlier

- 1 month of data in a period to be determined in 2015/2016. Cross-check with Arndt and also check for data events

- FIDUCEO action to give a timeline

- Ground-based radiometers could be included – they have uncertainties and there is RTTOV-GS which could be put into GRUAN processor

Implications for Copernicus

- FIDUCEO aiming to standardise the approach to satellite ECV generation and validation

- GAIA-CLIM work could feed into ERA-6, it's too late for ERA-5

- Observation error characterisation and less-biased data is useful for reanalysis

- Correlations in observation errors from representivity for humidity sounders – Met Office and Nico ground-based radiometers

- FIDUCEO data will be less biased

- GAIA-CLIM is making people more aware of what a reference network is