

# CCI - Atmosphere



Report from Splinter group meeting:

Attendees:

Paul Poli, ECMWF  
Míchael Buchwitz, UB  
Thomas Holzer-Popp, DLR  
Gerrit de Leeuw, FMI  
Stephan Bojinski, WMO  
Claudia Stubenrauch, LMD  
Thierry Phulpin, LCNES  
Mark Ringer, UKMO  
Victoria Bennet, ESA  
Frederic Chevallier  
Michel v. Roozendal  
Rainer Hollmann, DWD  
...

# Main achievements



- **Retrieval methods improved**
- **Initiated coordinated Activities**
- **Algorithm selection in final phase**
  - **Aerosols: combination of multiple algorithms**
  - **GHG: ensemble approach for CO<sub>2</sub>, selected algorithms for methane**
  - **Clouds: single OE retrieval for multiple instruments**
  - **Ozone: ensemble approach Ozone profile, selected combined algorithm for Ozone content**
- **Implementation of science driven systems**

# Meeting the Needs of climate res.



- **Feedback on plans positive**
- **Teams convinced to meet their needs**
- **Working with climate modellers helps to improve products to their needs**
- **Uncertainty characterisation important and ongoing**

# Availability of prototype data



- **Aerosols: October 2012**
- **Clouds: September 2012**
- **GHG: March 2013 (RRDP August 2012)**
- **Ozone: November 2012**

# Further topics



- **Golden Year 2008**
  - **Aerosol: October 2012**
  - **Clouds: July/August 2012**
  - **Ozone: November 2012**
  - **GHG: September 2012**
- **Who is doing what for these data sets?**
- **How to proof consistency?**
  - **Joint Aerosol-Cloud Option starting May/June 2012 (tbc)**