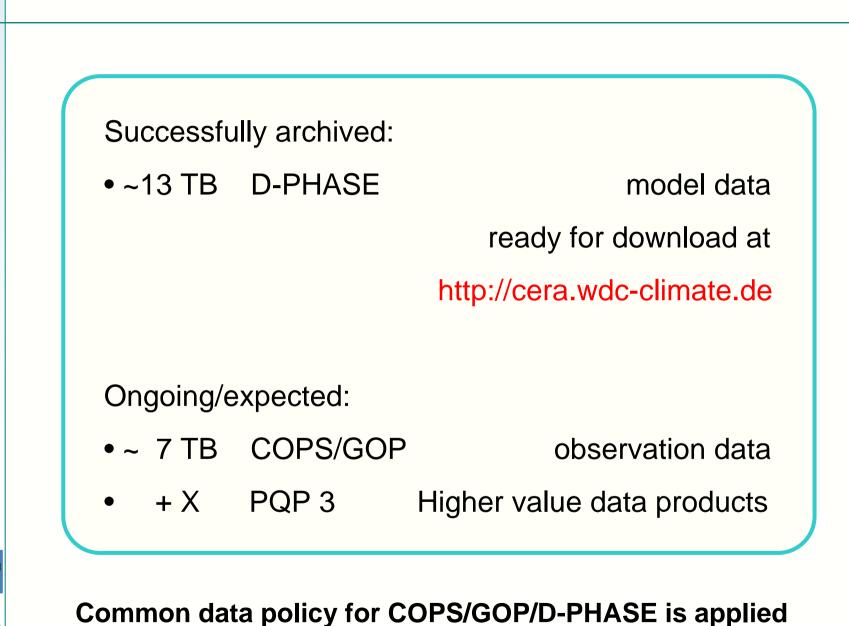






Claudia Wunram Hannes Thiemann Model&Data (M&D)











- > succeeded in "close to operational" archiving mode.
- High performance time gap warning and feedback control:
 resulted in time series as complete as possible.
 - permanent gaps excusively due to forecast system failures, no gaps due to transfer failures.









WDC LIMATE

Meta data descriptions are

essential

for long term archiving!

Strict technical priorities in upload data management:

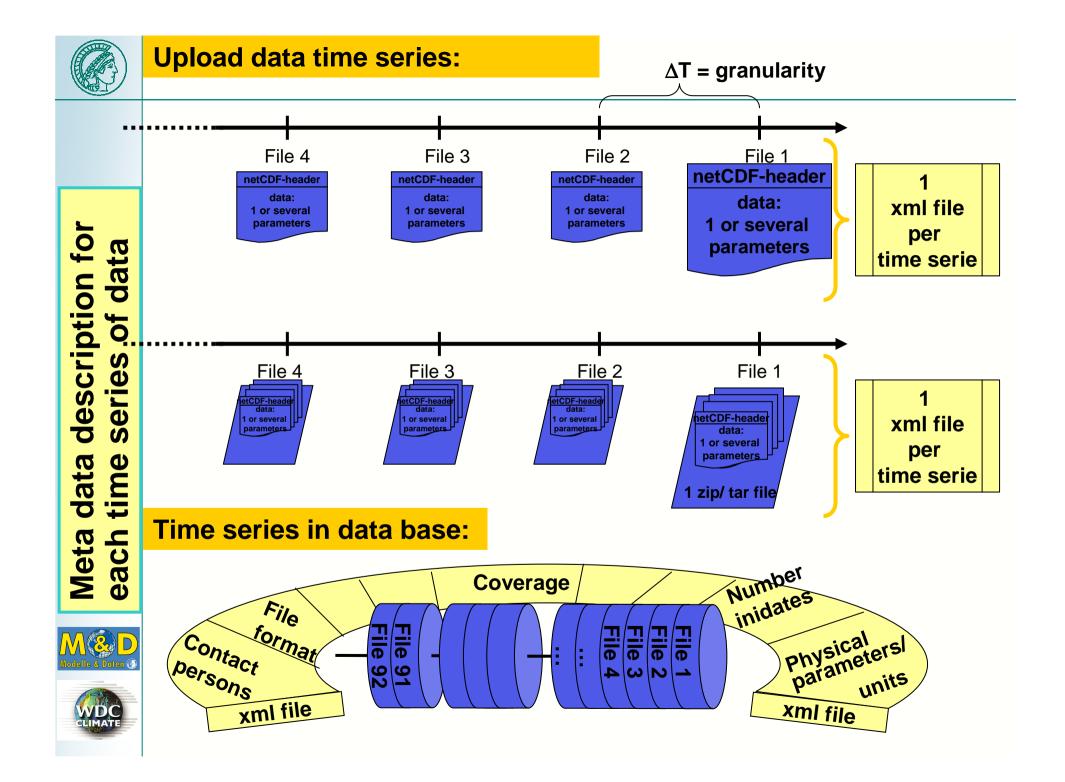
• 1) meta data is needed before data upload

(to prepare space and tables in data base)

• 2) only then:

user account is provided and

access to upload area is opened





netCDF-files: structure and content

Which set of measured parameters shall be archived?

- is defined by data providers themselves
- should be coordinated by the PI's of the instruments/groups
- which higher level data products in PQP3?

Remember to:

- find a common structure / parameter set
 - > together with similar groups/instruments
 - > advantage for verification, assimilation groups etc.
- find common names of the physical parameters
 - Follow CF-convention wherever possible
 - > advantage for verification and assimilation groups etc.





- File size:
- File names:

- single upload files < 1 GB
- see general_info.pdf at http://cops.wdc.climate.de
- Maximum time span: 1 day per upload file
 - results in 92 files or more for COPS period
 - > 1 data file covering the whole COPS period ? NO.
 - smaller granularities allowed (...12h, 6h, 3h, 1h)
- Use common missing value = -9e⁺³³ (float, not character)
- Use common time stamp definition for time variable:
 - > double precision (allows precision up to milliseconds)
 - units = seconds since 1970-01-01 00:00 0:00 UTC
 - this is not the AMF-method !







We ask every data provider to get in contact with us as soon as possible !!!

Dead line for data upload: 31-March-2008

Meta data tool:

Advise is given during the breaks of this workshop !!!

Thanks for your attention!