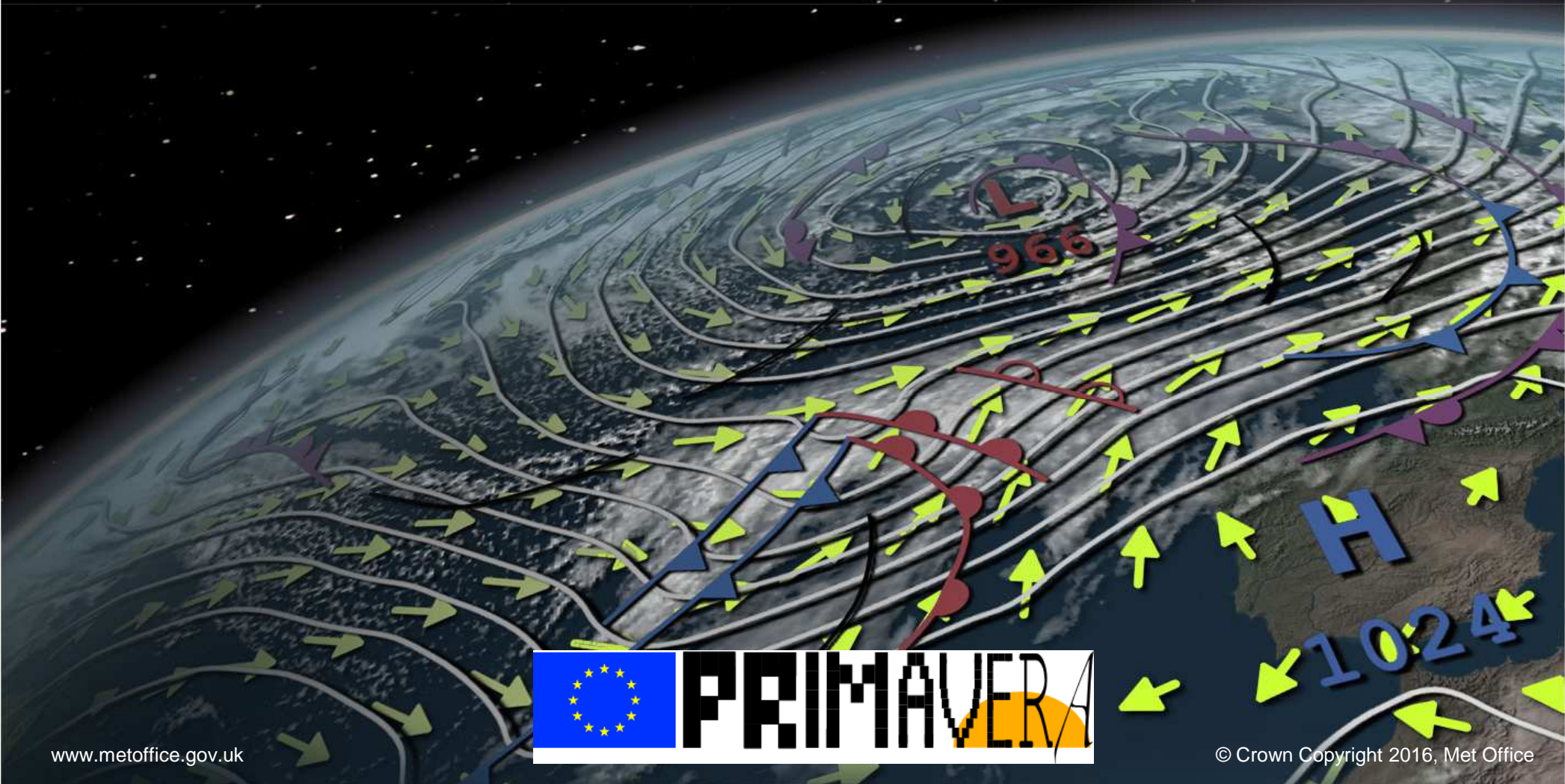


# High-Resolution Model Data Ingest at JASMIN

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**Hadley Centre**

# PRIMAVERA – The Challenge

- Stream 1 simulations will produce 2.5 Petabytes of high resolution model data

# JASMIN

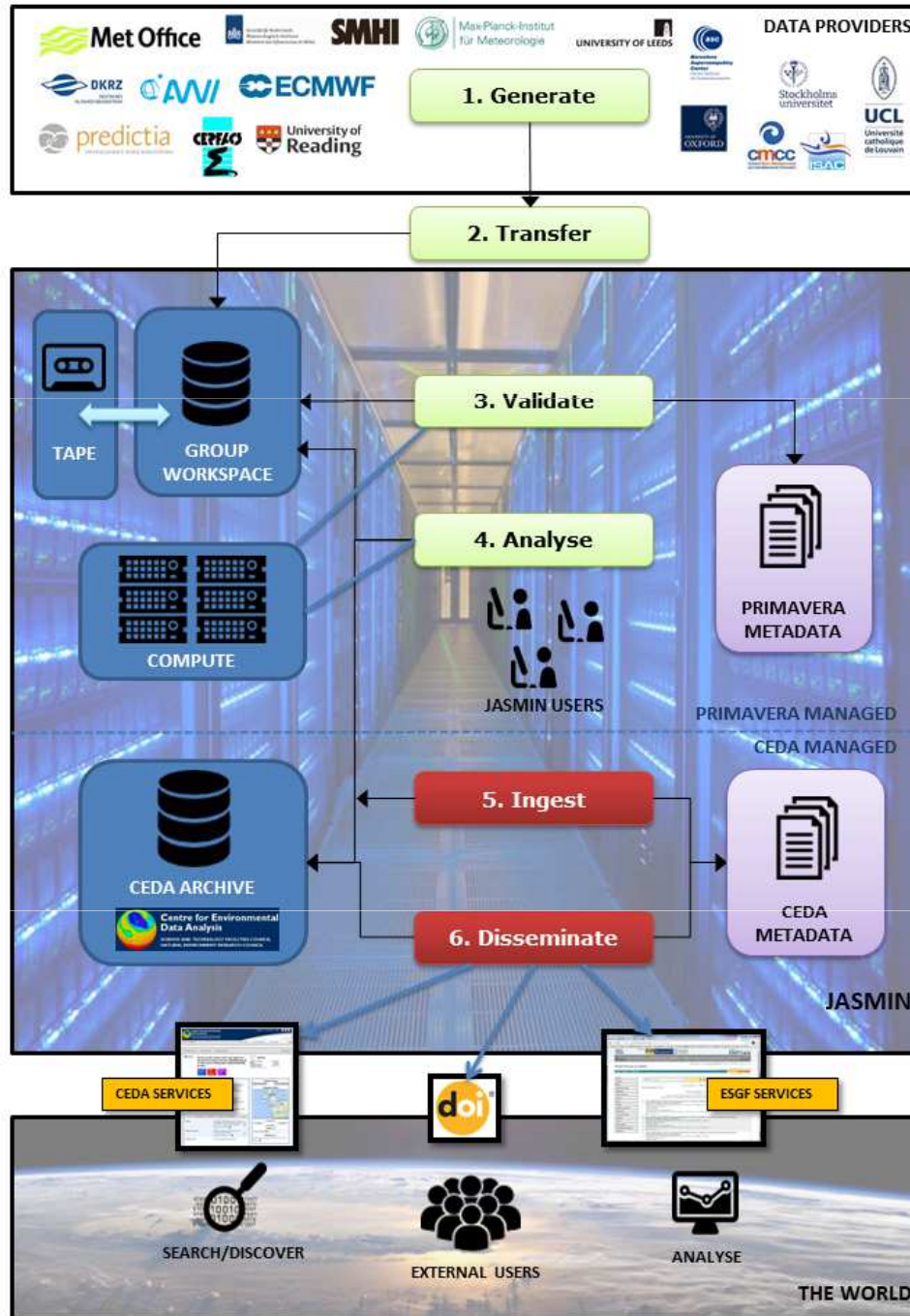


- 16 PBytes disk storage plus tape storage
- 4000 compute cores on LOTUS and interactive data analysis servers
- High-performance internal network connections and to the Internet
  
- PRIMAVERA has 480 TBytes disk storage available to it





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Variable Request - Mozilla Firefox

Variable Request x

192.171.139.48/variable\_request/?table\_nar

PRIMAVERA Data Management Tool Home Views Login Admin

## Variable Request

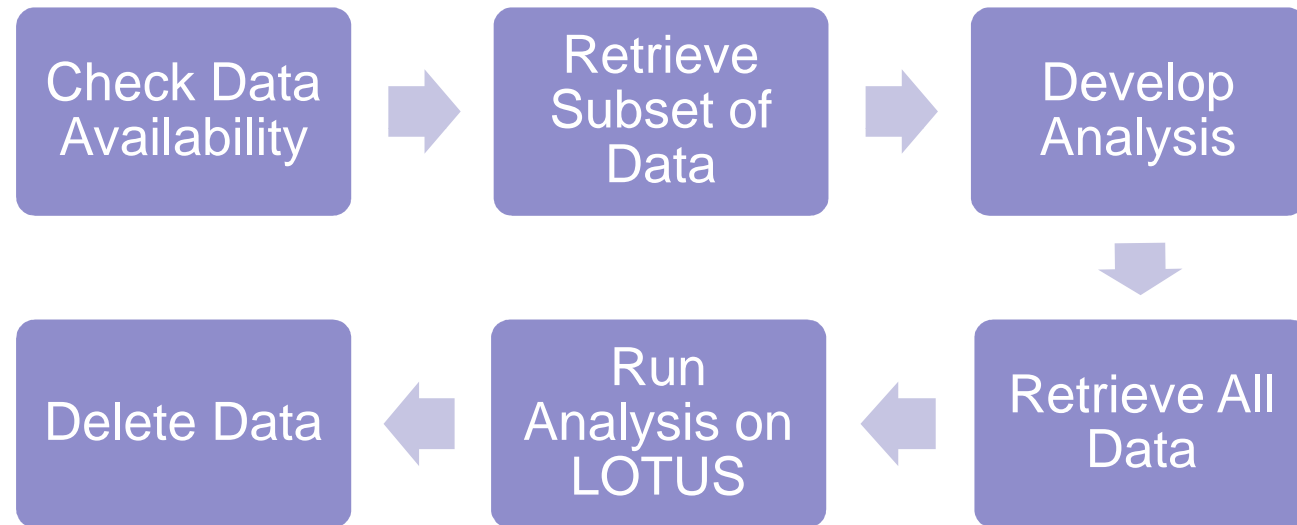
The original CMIP6 data request is available at: <http://clipc-services.ceda.ac.uk/dreq/mipVars.html>

These are the variable requests identified in version 01.beta.37 of the CMIP6 data request with some modifications for known issues. This snapshot of the PRIMAVERA data request was taken on 15th November 2016 from the Google Spreadsheet. Changes made to the spreadsheet after this date will not be reflected here.

Table Name	precip	Units
Var Name	Standard Name	Cell Methods
Positive	Variable Type	Dimensions
CMOR Name	Modeling Realm	Frequency
Cell Measures	UID	<input type="checkbox"/> Blank CMOR name only <sup>1</sup> Clear Filter

Table Name	Long Name	Units	Var Name	Standard Name
day	Convective Precipitation	kg m <sup>-2</sup> s <sup>-1</sup>	prc	convective_precipitation_flux
3hr	Convective Precipitation	kg m <sup>-2</sup> s <sup>-1</sup>	prc	convective_precipitation_flux
em1hr	Convective Precipitation	kg m <sup>-2</sup> s <sup>-1</sup>	prc	convective_precipitation_flux
emSubhr	Precipitation	kg m <sup>-2</sup> s <sup>-1</sup>	pr	precipitation_flux
Amon	Precipitation	kg m <sup>-2</sup> s <sup>-1</sup>	pr	precipitation_flux
em1hr	Precipitation	kg m <sup>-2</sup>	pr	precipitation_flux

# Data Analysis at JASMIN



- Up to 100 users have to share PRIMAVERA's disk storage