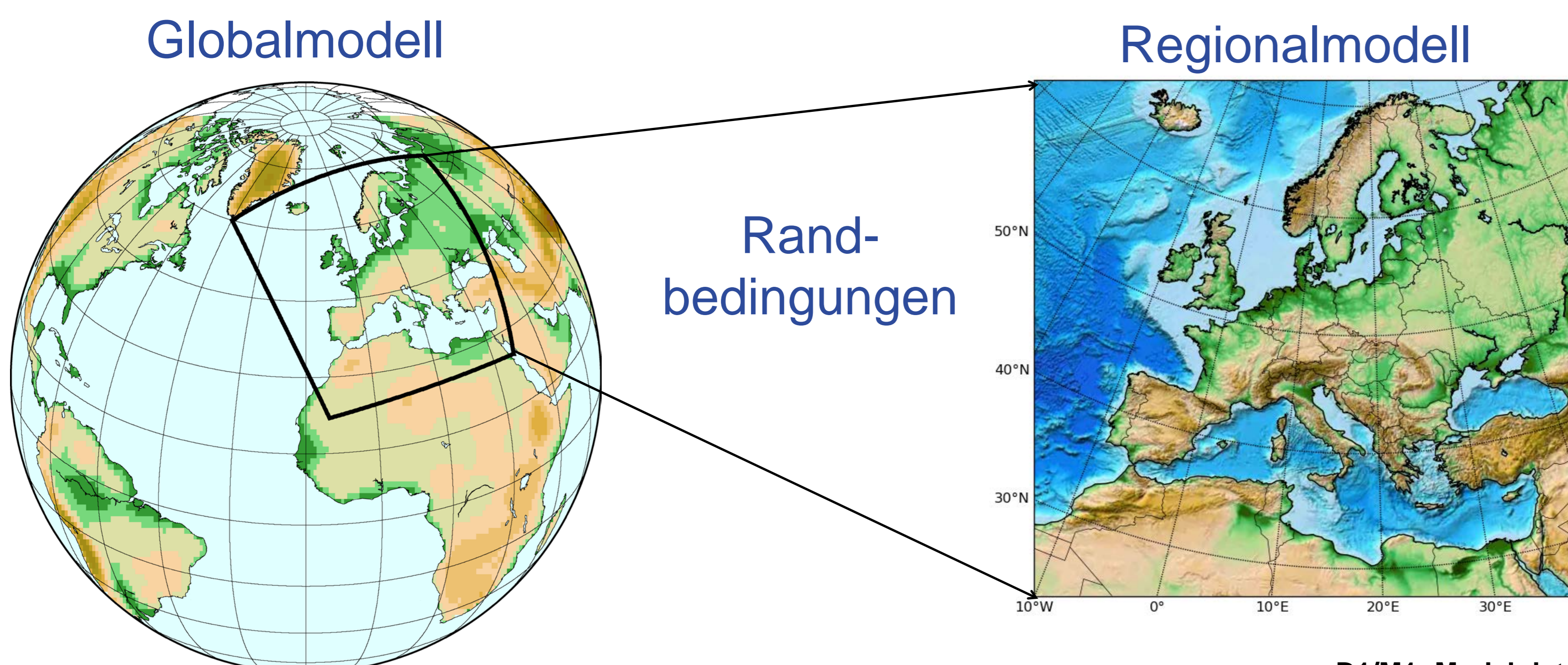




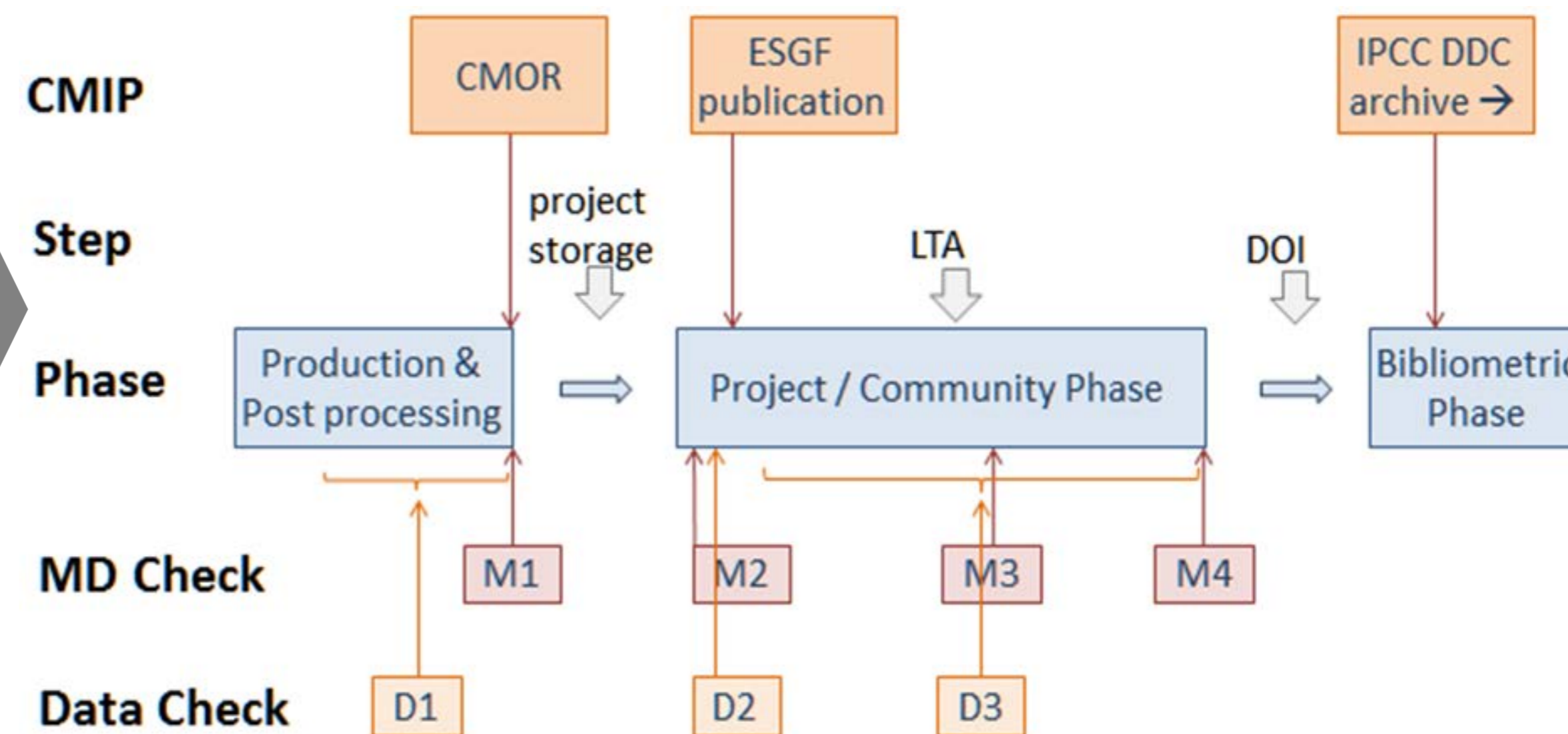
ReKliEs-De Daten: Erzeugung + Verteilung + Archivierung

Datenerzeugung

Datenstandardisierung



CMOR und Daten Check

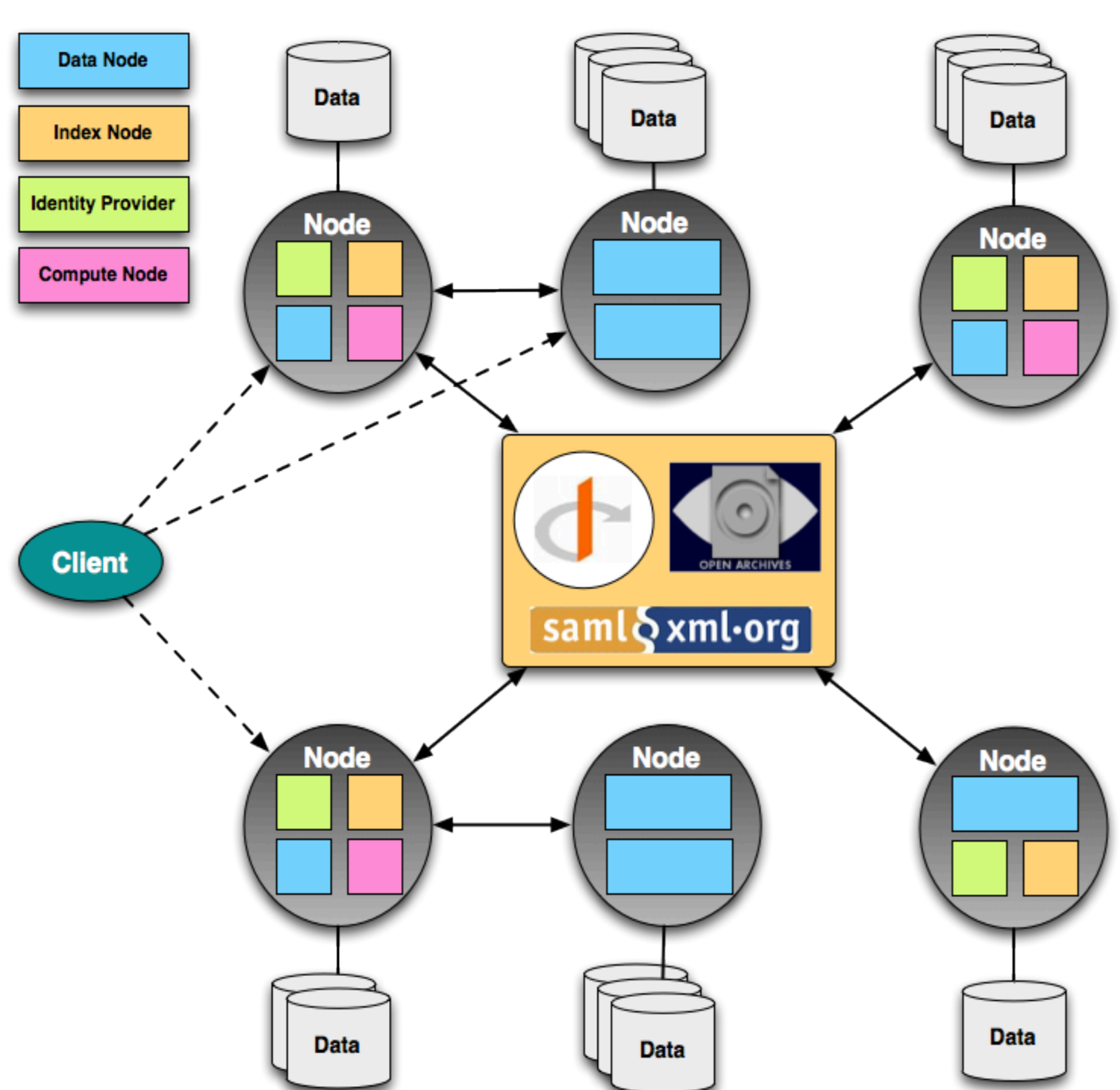


D1/M1: Model data production
 D2/M2: Before ESGF data publication
 D3/M3: Annotation phase during data evaluation
 M4: Before long-term archiving in IPCC-DDC / DKRZ-LTA

ESGF Datenverteilung

<http://esgf-data.dkrz.de>

CORDEX Daten, Domäne EUR-11 (12 km Gitter) ergänzt durch Rechnungen in ReKliEs-De



ESGF's federation architecture is based on modular components and standard protocols.

| RCM + RCP | CCLM | REMO | WRF | WR'10 | STARS | RCA4 | RACMO | HIRHAMS | Aladin |
|--------------------|-------------|-------------|-------------|-------|-------|-------------|-------------|-------------|-------------|
| EC-EARTH RCP2.6 | | | | | | EURO CORDEX | | | |
| MPI-ESM-LR RCP2.6 | | EURO CORDEX | | | | | | | |
| MPI-ESM-LR RCP8.5 | EURO CORDEX | EURO CORDEX | EURO CORDEX | | | EURO CORDEX | | | |
| CNRM-CM5 RCP8.5 | EURO CORDEX | | | | | EURO CORDEX | | | EURO CORDEX |
| HADGEM-ES RCP8.5 | EURO CORDEX | | | | | EURO CORDEX | | | |
| EC-EARTH RCP8.5 | EURO CORDEX | | | | | EURO CORDEX | EURO CORDEX | EURO CORDEX | |
| Can-ESM1 RCP8.5 | | | | | | | | | |
| MIROC5 RCP8.5 | | | | | | | | | |
| IPSL-INERIS RCP8.5 | | | EURO CORDEX | | | EURO CORDEX | | | |

Lila: ReKliEs-De Simulationen; blau: EURO-CORDEX Simulationen

Berechnung Klimakennzahlen

- Temperatur
- Niederschlag
- Windgeschwindigkeit
- Globalstrahlung

Langzeitarchivierung

<http://cera-www.dkrz.de/WDCC/ui/>

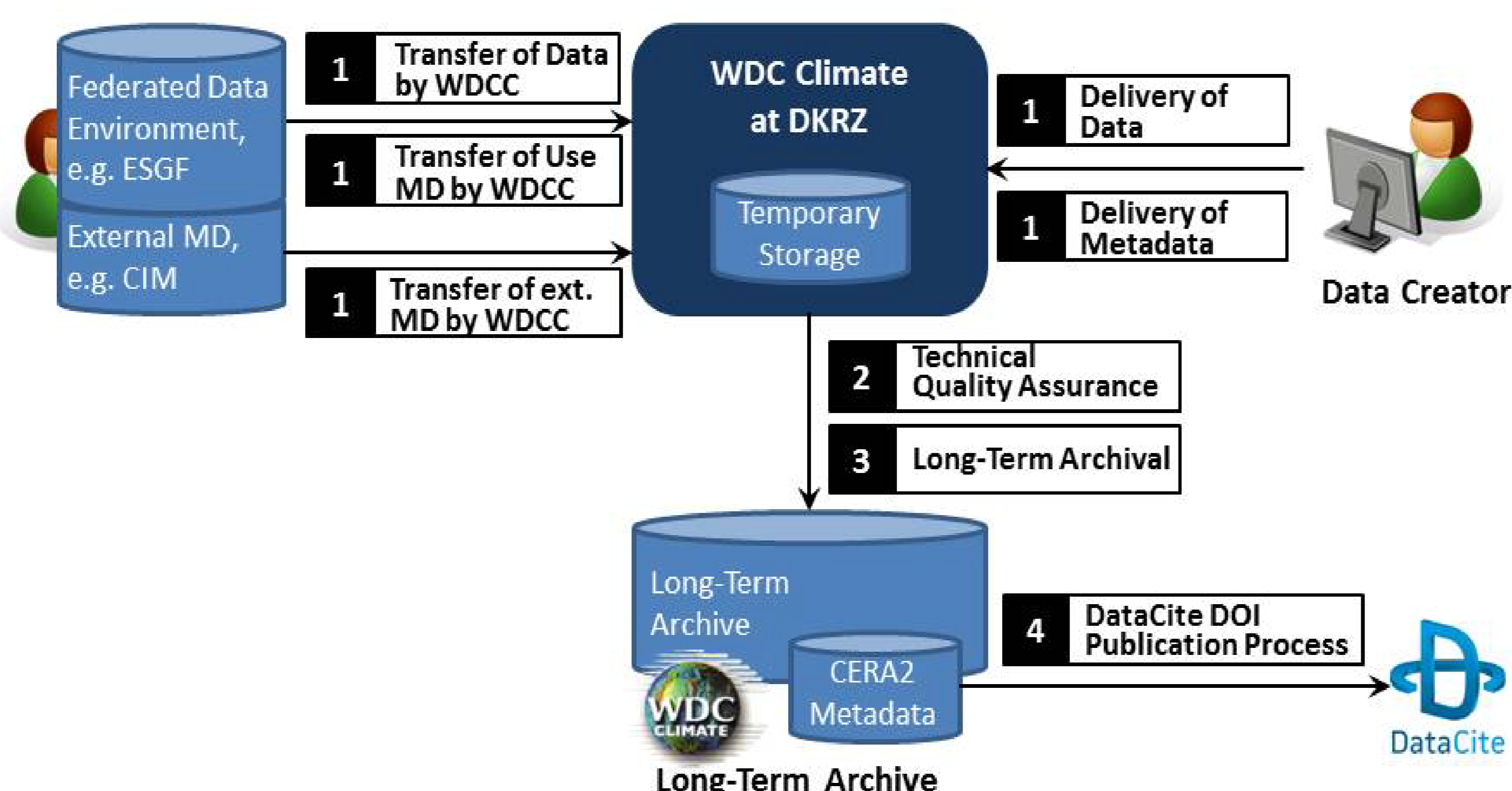
ENDNUTZER

- Bundesländer
- Städte
- Gemeinden
- Behörden
- Planungsbüros
- Unternehmen
- Universitäten
- Sonstige Nutzer

Federated Projects

e.g. CORDEX, CMIP5, CMIP6, ReKliEs-De

DKRZ or Central Projects



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Weitere Informationen zum Projekt ReKliEs-De: <http://reklies.hlnug.de>