

# RDA outputs adoption at DKRZ

PIDs for the next generation of  
climate modelling data

RDA P6 Paris

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# Community context

- DKRZ – Climate science service provider, based in Hamburg, Germany
- DKRZ is member of ENES and ePIC
- Contribution to the Earth System Grid Federation (ESGF)
  - Data gets archived at WDC Climate
  - Challenge is to manage objects outside our local workflow
  - Scalability & automation



# Putting PID concepts to practice

- Data management for climate model intercomparison project (WCRP CMIP6)
  - PID Information Types climate data profile
  - Contribute to a Type Registry
  - Build collections
- Building community agreement based on the pioneering PIT/TR concepts
  - Governance process and software development
  - PIT WG output needs such community actions to test in the field and feed back to RDA



# Service and tool design needs further collaboration

- End-user tools and services for CMIP6
  - Smart information tools
  - Automation of collection management
- Future need not just in this community
  - Essential components of the Data Fabric
- Collaboration options:
  - EU/US for cross-community exploration
  - National/EU for further bottom-up user services



Thank you for your attention.